

Diagram References

1

Appearance

1

Screen

2

Microphone

3

Debugging Port

4

Network Interface

5

Loudspeaker

6

TF Card Slot

7

Alarm Terminal

8

Reserved

9

Power Terminal

Note:

•

The appearance of the device varies according to different models. Refers to the actual device for detailed information.

•

The debugging port is used for debugging only.

2

Terminal and Wiring

There are 20 pins in the terminal on the rear panel of the indoor station: 2 RS-485 pins, 5 reserved pins, 4 relay output pins, 8 alarm input pins, and 1 GND pin.

Note:

There are 20 pins in the terminal on the rear panel of the DS-KH6320-WTE1: 11 reserved pins, 8 alarm input pins, and 1 GND pin. Please refer to the specific model.

3

Installation

It supports wall mounting. There are two installation modes.

Installation Accessory Description

The wall mounting plate and junction box are required to install the indoor station onto the wall.

The dimension of junction box should be 75 mm (width) × 75 mm (length) × 50 mm (depth). The dimension of wall mounting plate is shown.

Before You Start

•

Make sure the device in the package is in good condition and all the assembly parts are included.

•

The power supply the indoor station supports is 12 VDC. Please make sure your power supply matches your indoor station.

•

Make sure all related equipments are power-off during the installation.

•

Check the product specification for the installation environment.

★

Wall Mounting with junction Box

1.

Chisel a hole in the wall. The size of the hole should be 76 mm (width) × 76 mm (length) × 50 mm (depth).

2.

Insert the junction box to the hole chiseled on the wall.

3.

Fix the wall mounting plate to the junction box with 2 screws.

4.

Hook the indoor station to the wall mounting plate tightly by inserting the plate hooks into the slots on the rear panel of the indoor station, during which the lock catch will be locked automatically.

★

Wall Mounting without junction Box

1.

Insert 2 expansion tubes into the wall.

2.

Fix the wall mounting plate to the junction box with 2 screws.

3.

Hook the indoor station to the wall mounting plate tightly by inserting the plate hooks into the slots on the rear panel of the indoor station, during which the lock catch will be locked automatically.

4

Getting Started

1

Activate Indoor Station

You are required to activate the device first by settings a strong password before you can use the device.

1.

Power on the device. It will enter the activation page automatically.

2.

Create a password and confirm it.

3.

Tap OK to activate the indoor station.

4.

Optional: Bind email address. You can reset the activation/admin password vial the email fi you forget your password.

2

Quick Configuration

1.

Choose Language and tap Next.

2.

Set network parameters and tap Next.

-

Edit Local IP, Subnet Mask and Gateway parameters.

-

Enable DHCP, the device will get network parameters automatically.

3.

Configure the indoor station parameters.

-

Select Indoor Station and tap Next to link main door station.

a.

Edit Floor and Room No.

b.

Create and confirm SIP register password.

c.

Tap Advanced Settings to edit Community No, Building No. and Unit No.

d.

Optional: Enable Indoor Station Settings and select the indoor station to link.

-

Select Indoor Extension and tap Next to link indoor station.

a.

Edit No., Room Name.

b.

Create and confirm SIP register password.

4.

Linked related devices and tap Next. If the device and the indoor station are in the same LAN, the device will be displayed in the list. Tap the device or enter the serial No. to link.

a.

Tap the settings icon to pop up the Network Settings page.

b.

Edit the network parameters of the door station manually or enable DHCP to get the network parameters automatically.

e.

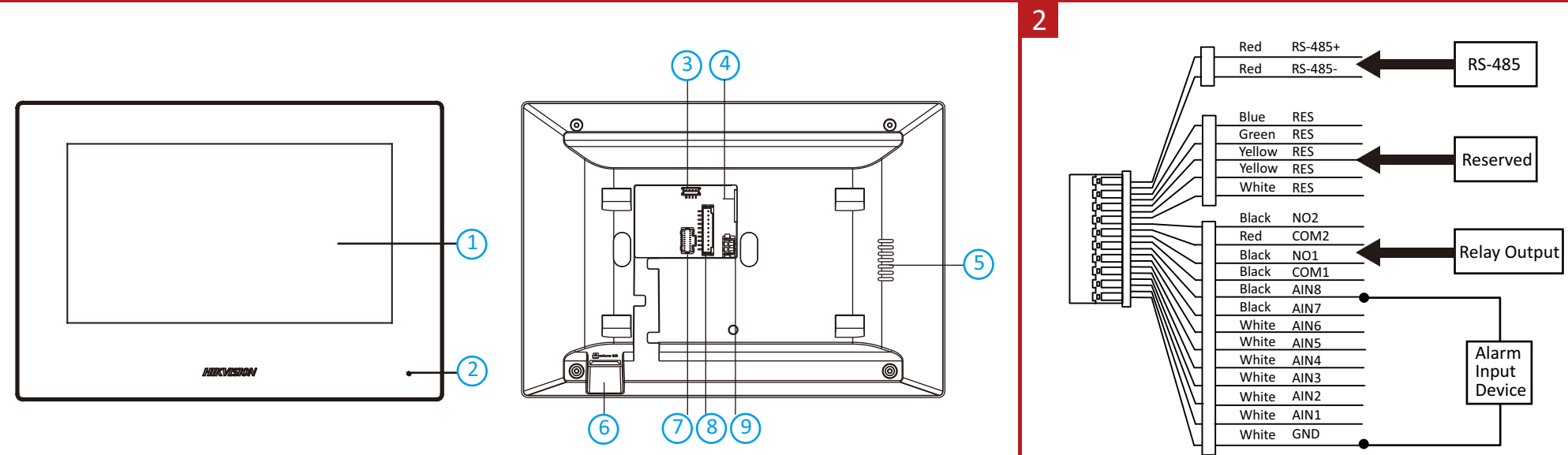
Tap OK to save the settings.

5.

Tap Finish to save the settings.

Refers to Video Intercom Network Indoor Station Configuration Guide (Scan the QR code) for details.

Refers to Video Intercom Network Indoor Station Operation Guide (Scan the QR code) for details.



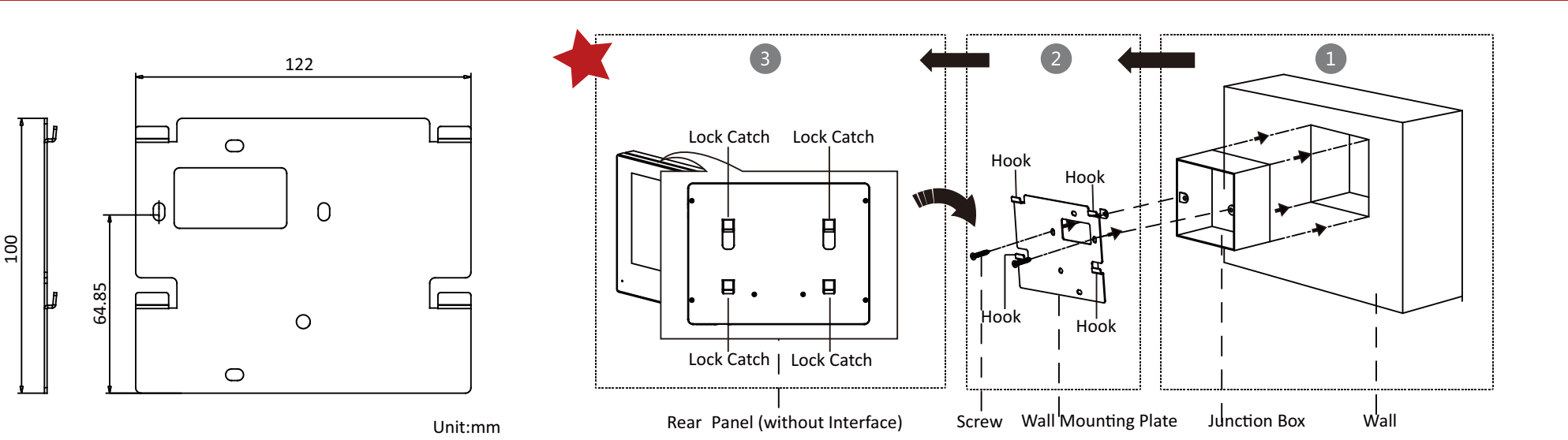
2

Terminal and Wiring

There are 20 pins in the terminal on the rear panel of the indoor station: 2 RS-485 pins, 5 reserved pins, 4 relay output pins, 8 alarm input pins, and 1 GND pin.

Note:

There are 20 pins in the terminal on the rear panel of the DS-KH6320-WTE1: 11 reserved pins, 8 alarm input pins, and 1 GND pin. Please refer to the specific model.



★

Wall Mounting without junction Box

1.

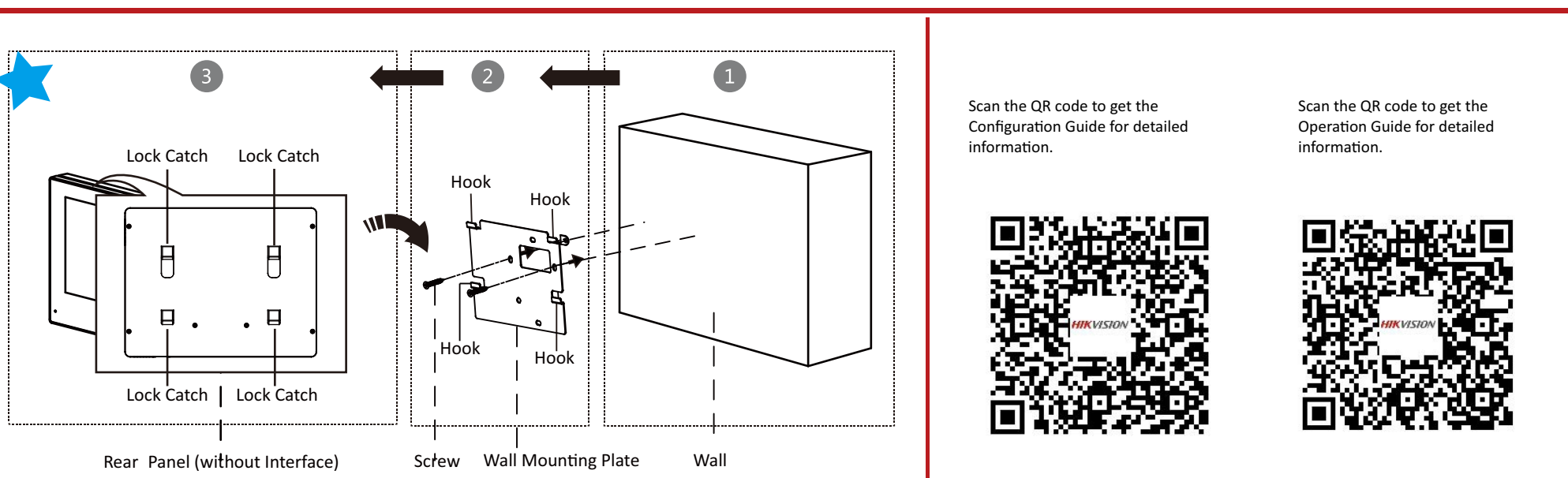
Insert 2 expansion tubes into the wall.

2.

Fix the wall mounting plate to the junction box with 2 screws.

3.

Hook the indoor station to the wall mounting plate tightly by inserting the plate hooks into the slots on the rear panel of the indoor station, during which the lock catch will be locked automatically.



★

Wall Mounting without junction Box

1.

Insert 2 expansion tubes into the wall.

2.

Fix the wall mounting plate to the junction box with 2 screws.

3.

Hook the indoor station to the wall mounting plate tightly by inserting the plate hooks into the slots on the rear panel of the indoor station, during which the lock catch will be locked automatically.

Scan the QR code to get the Configuration Guide for detailed information.



Scan the QR code to get the Operation Guide for detailed information.



DS-KV6113-WPE1

Video Intercom Villa Door Station

ENGLISH

Diagram References

1 Appearance

- ① Microphone ② Camera ③ Indicator ④ Button ⑤ Card Reading Area
⑥ Loudspeaker ⑦ Terminals ⑧ Debugging Port ⑨ TAMPER
⑩ Set Screw ⑪ TF Card Slot(Reserved) ⑫ Network Interface

Note: The debugging port is used for debugging only.

Indicator Description

Unlock: Green Call: Orange Communicate: White

2 Terminal and Wiring

- NC: Door Lock Relay Output (NC) 485-: RS-485 Interface (Reserved)
NO: Door Lock Relay Output (NO) 485+: RS-485 Interface (Reserved)
COM: Common Interface 12 VDC IN: Power Supply Input
AIN1: For the access of Door Contact GND: Grounding
AIN3: For the access of Exit Button
AIN2&AIN4: Reserved

3 Installation Accessory

- ① Mounting Template ② Mounting Plate

Note: The dimension of the mounting plate is 102.58 mm × 39.24 mm × 6.2 mm.

4 Installation

Note: Video intercom villa door station supports surface mounting.

Before You Start

- Make sure all related equipments are power-off during the installation.
- Tools that you need to prepare for installation: Drill (ø2.846) and gradienter.
- Purchase the protective shield before installation.

★ Surface Mounting without Protective Shield

- Stick the mounting template on the wall. Drill screw holes according to the mounting template. Remove the template from the wall.
- Secure the mounting plate on the wall with 4 supplied screws according to the screw holes.
- Install the villa door station to the mounting plate. Fix the device on the mounting plate with the set screw.

★ Surface Mounting with Protective Shield

- Stick the mounting template on the wall. Drill the screw holes according to the mounting template. Remove the template from the wall.
- Align the protective shield with the mounting template.
- Secure the mounting plate and protective shield on the wall with 4 supplied screws according to the screw holes.
- Install the villa door station to the mounting plate. Fix the device on the mounting plate with the set screw.

5 Configuration via Web

1 Activate Device via Web

You are required to activate the device first by settings a strong password before you can use the device.

Default parameters of door station are as follows:

- Default IP Address: 192.0.0.65.
- Default Port No.:8000.
- Default User Name: admin

- Power on the device, and connect the device to the network.
- Enter the IP address into the address bar of the web browser, and click Enter to enter the activation page.

Note: The computer and the device should belongs to the same subnet.

- Create and enter a password into the password field.

- Confirm the password.

- Click OK to activate the device.

Note: When the device is not activated, the basic operation and remote configuration of device cannot be performed.

2 Access to the Device by Web Browsers

- In the browser address bar, enter the IP address of the device, and press the Enter key to enter the login page.
- Enter the user name and password and click Login.

3 Communicate with Indoor Station

- Click Settings -> Intercom -> Press Button to Call to enter the settings page.
- Set the parameters.

- Edit call No. for every button.

- Check Call Management Center to set the button calling center.

Note: If you check Call Management Center and set the call No., as well, call management center has higher privilege than call No.

- Press button to call indoor station.

4 Issue Card

- Click Settings -> Access Control and Elevator Control to enter the settings page.

- Click Issue Card. Present the card on the card reading area.

- When issuing finished, the windows pop up on the settings page.

Note:

- Only Mifare card supported, and Mifare card with non-standard shape is recommended.

- Up to 10000 cards can be issued and managed by V series door station. A voice prompt (No more cards can be issued.) can be heard when the issued card amount exceeds the upper limit.

5 Unlock Door

After issuing cards, you can unlock the door by presenting the issued cards.

Refers to Video Intercom Villa Door Station User Manual (scan the QR code) for details.

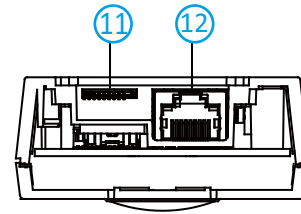
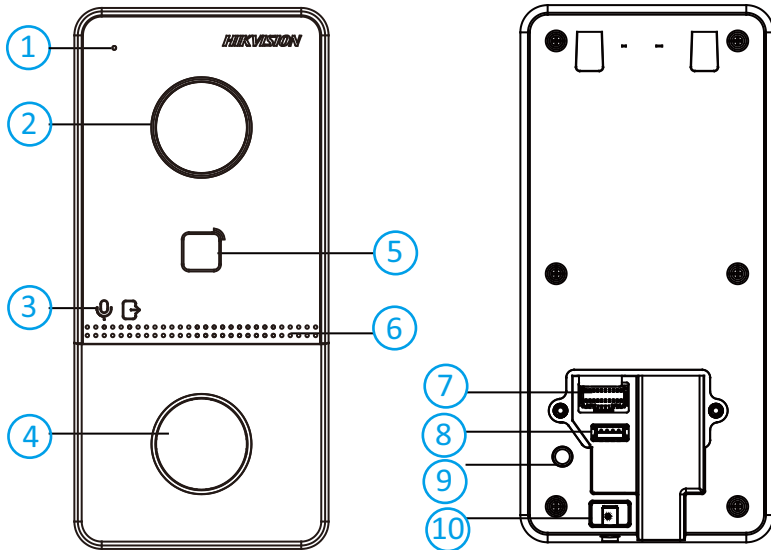
The simplified declaration of conformity Hereby, Hangzhou Hikvision Digital Technology Co., Ltd. ("Hikvision") declares that the DS-KV6113-WPE1 device complies with the requirements of Directive 2014/53/EU of the European Parliament and of the Council of April 16, 2014 on the harmonization of the laws of the Member States relating to making radio equipment available on the market and repealing Directive 1999/5/EC. The full text of the declaration of conformity is available at the Hikvision website <http://www.hikvisioneurope.com/portal>.

Industry Canada ICES-003 Compliance
This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.

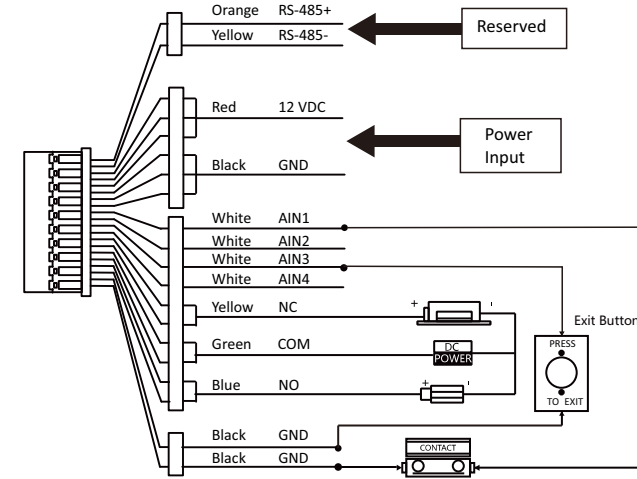
For RED-Directive 2014/53/EU
The frequency, mode and the maximum transmitted power in EU are listed below:

Model	Received frequency	Transmitted frequency	Bandwidth	Frequency power
DS-KV6113-WPE1	2.4 to 2.4835GHz	2.4 to 2.4835GHz	20 to 40MHz	802.11b:16dBm +/- 1.5dBm 802.11g:15dBm +/- 1.5dBm 802.11n(ht20):14dBm +/- 1.5dBm 802.11n(ht40):12dBm +/- 1.5dBm

1

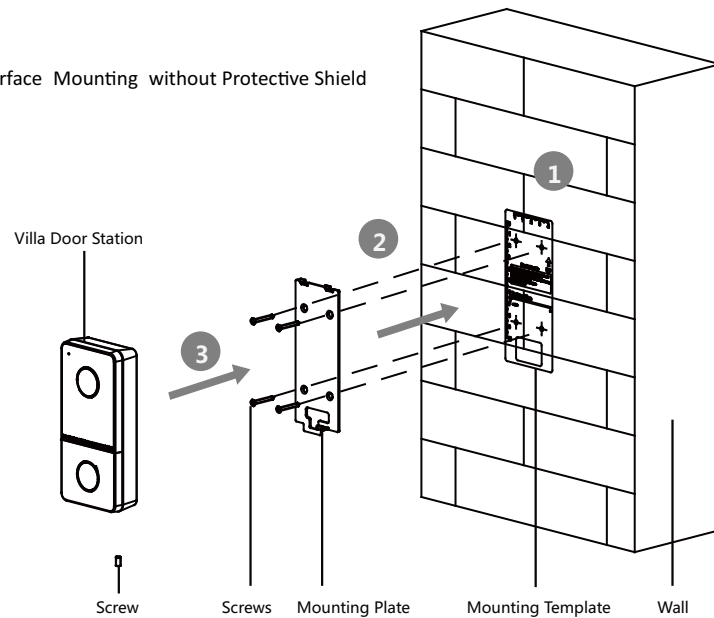


2

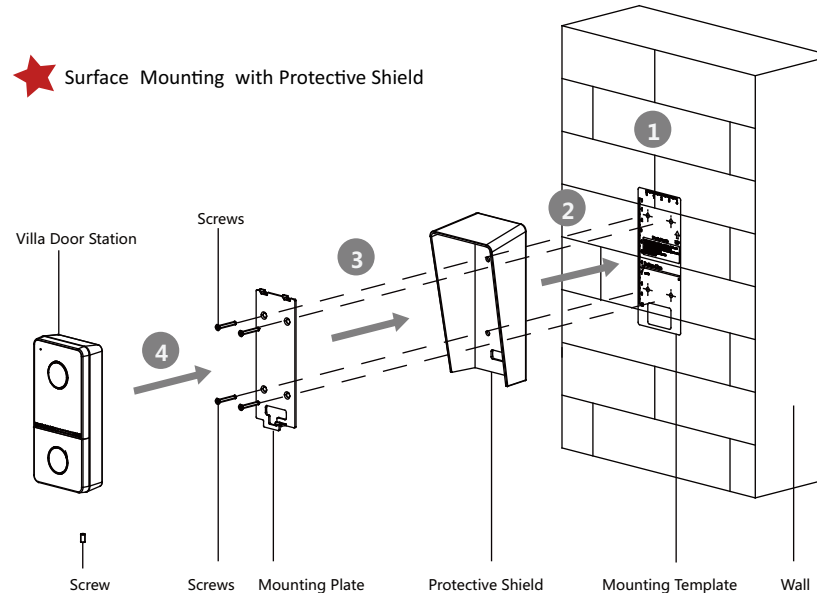


4

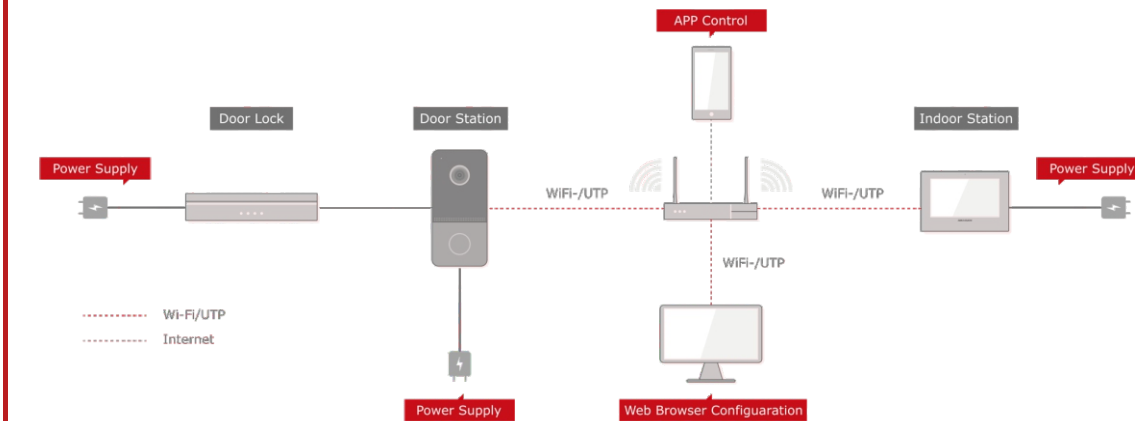
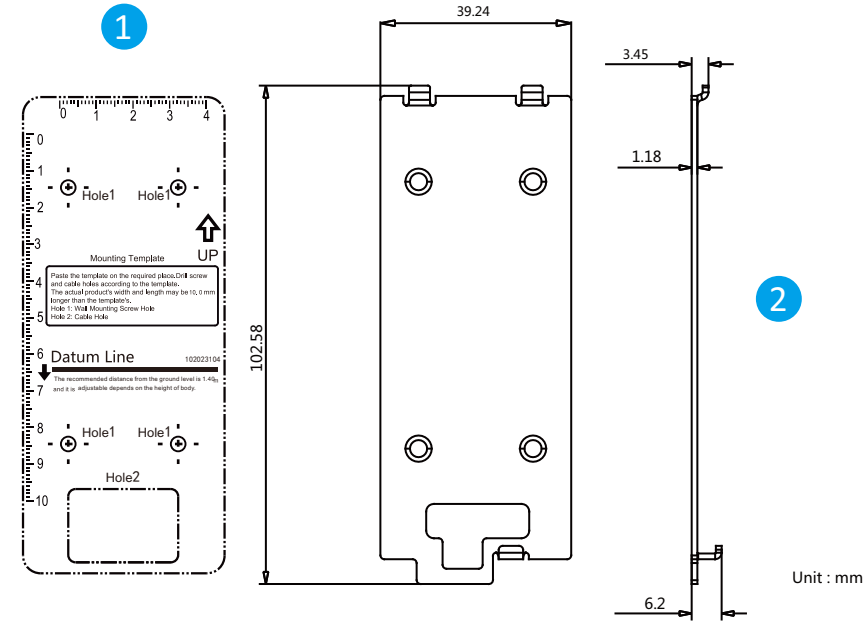
★ Surface Mounting without Protective Shield



★ Surface Mounting with Protective Shield



3



DS-KIS603-P

Video Intercom Network Bundle

DS-KH6320-WTE1

Video Intercom Network Indoor Station

FRANÇAIS

Références du schéma

1 Apparence

- | | | |
|---------------------|----------------|------------------------|
| ① Écran | ② Microphone | ③ Port de débogage |
| ④ Interface réseau | ⑤ Haut-parleur | ⑥ Fente de carte TF |
| ⑦ Terminal d'alarme | ⑧ Réservé | ⑨ Borne d'alimentation |

Remarque :

- L'aspect de l'appareil varie en fonction des différents modèles. Reportez-vous à l'appareil réel pour des informations détaillées.
- Le port de débogage est réservé uniquement à l'usage prévu.

2 Borne et câblage

Remarque : pour la description des bornes et du câblage, reportez-vous à la figure et au manuel de l'utilisateur.

3 Installation

Avant de commencer

- Assurez-vous que l'appareil dans son emballage est en bonne condition et que toutes les pièces de montage sont incluses.
- Assurez-vous que tous les équipements connexes sont hors tension pendant l'installation.
- Vérifiez que les spécifications du produit sont adéquates à l'environnement d'installation.

Remarque : pour l'installation, reportez-vous à la figure et au manuel d'utilisation.

4 Premiers pas

① Activer un appareil

Vous devrez d'abord activer l'appareil en définissant un mot de passe fort avant de pouvoir l'utiliser.

Activez l'appareil localement ou à distance via le logiciel client iVMS-4200.

② Configuration rapide

Suivez les instructions sur les interfaces correspondantes.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

DEUTSCH

Verweise auf Schaubilder

1 Aufbau

- | | | |
|-------------------------|----------------|-----------------------|
| ① Bildschirm | ② Mikrofon | ③ Debug-Anschluss |
| ④ Netzwerkanschluss | ⑤ Lautsprecher | ⑥ TF-Kartensteckplatz |
| ⑦ Alarm-Anschlussklemme | ⑧ Reserviert | ⑨ Anschlussklemme |

Hinweis:

- Das Erscheinungsbild des Geräts variiert je nach Modell. Für detaillierte Informationen siehe das tatsächliche Produkt.
- Der Debugging-Anschluss wird nur für die Fehlersuche verwendet.

2 Anschlüsse und Verkabelung

Hinweis: Beschreibungen der Anschlussklemmen und der Verdrahtung finden Sie in der Abbildung und im Benutzerhandbuch.

3 Installation

Bevor Sie beginnen

- Achten Sie darauf, dass sich das Gerät in der Verpackung in gutem Zustand befindet und alle Montageteile enthalten sind.
- Achten Sie darauf, dass alle relevanten Geräte während der Montage ausgeschaltet sind.
- Überprüfen Sie die Produktspezifikation für die Installationsumgebung.

Hinweis: Einzelheiten zur Installation finden Sie in der Abbildung und im Benutzerhandbuch.

4 Erste Schritte

① Gerät aktivieren

Bevor Sie das Gerät benutzen können, müssen Sie zunächst ein sicheres Passwort festlegen, um das Gerät zu aktivieren.

Aktivieren Sie das Gerät lokal oder aus der Ferne über die iVMS-4200-Clientsoftware.

② Schnellkonfiguration

Folgen Sie den Aufforderungen in den entsprechenden Menüs.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

ESPAÑOL

Referencias del diagrama

1 Apariencia

- | | | |
|----------------------|-------------|--------------------------|
| ① Pantalla | ② Micrófono | ③ Puerto de depuración |
| ④ Interfaz de red | ⑤ Altavoz | ⑥ Ranura para tarjeta TF |
| ⑦ Terminal de alarma | ⑧ Reservado | ⑨ Borne de alimentación |

Nota:

- La apariencia del dispositivo varía en función del modelo. Consulte el dispositivo en concreto para más información.
- El puerto de depuración solo sirve para depurar.

2 Terminal y cableado

Nota: para las descripciones de los terminales y del cableado, consulte la figura y el manual de usuario.

3 Instalación

Antes de comenzar

- Asegúrese de que el dispositivo incluido esté en buenas condiciones y se incluyan todas las piezas de ensamblaje.
- Asegúrese de que todos los equipos relacionados estén apagados durante la instalación.
- Consulte las especificaciones del producto al realizar la instalación.

Nota: Nota: consulte las ilustraciones y el manual de usuario para conocer el procedimiento de instalación.

4 Primeros pasos

① Activar dispositivo

Antes de poder utilizar el dispositivo es necesario activarlo estableciendo una contraseña segura.

Active el dispositivo de forma local o a distancia mediante el software de cliente iVMS-4200.

② Configuración rápida

Siga los avisos de las interfaces correspondientes.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

ITALIANO

Riferimento schemi

1 Aspetto

- | | | |
|------------------------|----------------|------------------------------|
| ① Schermo | ② Microfono | ③ Porta di debugging |
| ④ Interfaccia di rete | ⑤ Altoparlante | ⑥ Slot per scheda TF |
| ⑦ Terminale di allarme | ⑧ Riservato | ⑨ Terminale di alimentazione |

Nota:

- L'aspetto del dispositivo varia in base al modello. Per informazioni dettagliate, fare riferimento al dispositivo effettivo.
- La porta si usa solo per attività di debugging.

2 Terminale e cablaggio

Nota: per la descrizione del cablaggio e dei terminali, fare riferimento alla figura e al Manuale dell'utente.

3 Installazione

Prima di iniziare

- Verificare il dispositivo contenuto nella confezione sia in buone condizioni e che tutti gli elementi di assemblaggio siano presenti.
- Verificare che durante l'installazione tutte apparecchiature correlate siano spente.
- Controllare che le specifiche del prodotto corrispondano a quelle dell'ambiente di installazione.

Nota: Per l'installazione, fare riferimento alla figura e al Manuale dell'utente.

4 Operazioni preliminari

① Attiva dispositivo

Prima di utilizzare il dispositivo è necessario attivarlo impostando una password sicura.

Attivare il dispositivo localmente o da remoto tramite il software client iVMS-4200.

② Configurazione rapida

Seguire le indicazioni sulle interfacce corrispondenti.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

PORTUGUÊS

Referências do diagrama

1 Aspeto

- | | | |
|----------------------|---------------|---------------------------|
| ① Ecrã | ② Microfone | ③ Porta de depuração |
| ④ Interface de rede | ⑤ Altifalante | ⑥ Ranhura Para Cartão TF |
| ⑦ Terminal de alarme | ⑧ Reservado | ⑨ Terminal de alimentação |

Nota:

- O aspeto do dispositivo varia consoante o modelo. Consulte a documentação específica do dispositivo para obter informações detalhadas.
- A Porta de depuração destina-se apenas para fins de depuração.

2 Terminal e cablagem

Nota: Para as descrições de cablagem e dos terminais, consulte a figura e o manual do utilizador.

3 Instalação

Antes de começar

- Certifique-se de que o dispositivo na embalagem se encontra em boas condições e de que todas as peças de montagem estão incluídas.
- Certifique-se de que, durante a instalação, todo o equipamento relacionado se encontra desligado.
- Verifique a especificação do produto para o ambiente de instalação.

Nota: Para a instalação, consulte a figura e o Manual do Utilizador.

4 Introdução

① Ativar dispositivo

Antes de poder utilizar o dispositivo, é necessário ativá-lo primeiro, definindo uma palavra-passe segura.

Ative localmente o dispositivo ou remotamente através do software de cliente iVMS-4200.

② Configuração rápida

Siga as mensagens apresentadas nas interfaces correspondentes.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

NEDERLANDS

Schemareferenties

1 Uiterlijk

- | | | |
|--------------------|----------------|-----------------------|
| ① Scherm | ② Microfoon | ③ Poort voor debuggen |
| ④ Netwerkitterface | ⑤ Luidspreker | ⑥ Sleuf TF-kaart |
| ⑦ Alarmaansluiting | ⑧ Gereserveerd | ⑨ Aansluiting voeding |

Opmerking:

- Het uiterlijk van het apparaat varieert per model. Raadpleeg het daadwerkelijke apparaat voor meer informatie.
- De foutopsporingspoort wordt alleen gebruikt voor foutopsporing.

2 Aansluitingen en bedrading

Opmerking: Raadpleeg voor een beschrijving van de aansluiting en bedrading de afbeelding en de gebruikershandleiding.

3 Installatie

Voordat u begint

- Zorg dat het verpakte apparaat zich in goede staat bevindt en er geen onderdelen ontbreken.
- Zorg dat alle bijbehorende apparatuur tijdens de installatie is uitgeschakeld.
- Controleer de productspecificatie op geschiktheid in de installatieomgeving.

Opmerking: Raadpleeg voor installatie de afbeeldingen en de gebruikershandleiding.

4 Aan de slag

① Apparaat activeren

U dient het apparaat voor gebruik eerst te activeren door er een sterk wachtwoord voor in te stellen.

Schakel het apparaat ter plekke of op afstand in m.b.v. iVMS-4200-clientsoftware.

② Snelle configuratie

Volg de aanwijzingen op desbetreffende interfaces.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

ČEŠTINA

Popis obrázků

1 Vzhled

- | | | |
|-------------------|--------------|---------------------|
| ① Obrazovka | ② Mikrofon | ③ Ladící port |
| ④ Síťové rozhraní | ⑤ Reproduktr | ⑥ Slot pro kartu TF |
| ⑦ Svorka alarmu | ⑧ Vyhrazeno | ⑨ Napájecí terminál |

Poznámka:

- Vzhled zařízení se u různých modelů liší. Podrobné informace naleznete v dokumentaci příslušného zařízení.
- Ladící port se používá pouze k ladění.

2 Svorka a zapojení

Poznámka: Popis svorky a zapojení naleznete na obrázku a v návodu k použití.

3 Montáž

Drive než začnete

- Ujistěte se, zda je zařízení v balení v dobrém stavu a zda jsou přítomny všechny dodávané součásti.
- Ujistěte se, že veškerá příslušná zařízení jsou během instalace vypnutá.
- Zkontrolujte technické údaje produktu týkající se prostředí instalace.

Poznámka: Při instalaci se řiďte obrázkem a uživatelskou příručkou.

4 Začínáme

① Aktivace zařízení

Před použitím zařízení je musíte aktivovat nastavením silného hesla.

Zařízení aktivujte v místě nebo vzdáleně prostřednictvím klientského softwaru iVMS-4200.

② Rychlá konfigurace

Postupujte podle výzev v příslušném rozhraní.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

DANSK

Diagramoversigt

1 Beskrivelse

- | | | |
|-----------------|--------------|------------------------|
| ① Skærm | ② Mikrofon | ③ Port til fejlfinding |
| ④ Netværksstik | ⑤ Højtaler | ⑥ TF-kortplads |
| ⑦ Alarmterminal | ⑧ Reserveret | ⑨ Strømterminal |

Bemærk:

- Enhedens udseende varierer i henhold til forskellige modeller. Se den faktiske enhed for nærmere oplysninger.
- Fejlfindingsporten bruges kun til fejlfinding.

2 Terminal og ledningsføring

Bemærk: Find beskrivelse af terminaler og ledningsføring i figuren og brugervejledningen.

3 Installation

Før du starter

- Kontrollér, at enheden i pakken er i god tilstand, og at alle dele til samling medfølger.
- Kontrollér, at alt tilknyttet udstyr er slukket under installationen.
- Kontrollér produktspecifikationerne for installationsmiljøet.

Bemærk: Find oplysninger om installationen i figuren og brugervejledningen.

4 Kom godt i gang

① Aktivér enhed

Du skal først aktivere enheden ved at indstille en stærk adgangskode, før du kan anvende enheden.

Aktivér enheden lokalt eller via fjernadgang via iVMS-4200-klientsoftware.

② Hurtig konfiguration

Følg talevejledningen på de tilsvarende skærme.

DS-KV6113-WPE1

Video Intercom Villa Door Station

FRANÇAIS

Références du schéma

1 Apparence

- | | | |
|------------------|----------------------------|--------------------|
| ① Microphone | ② Caméra | ③ Indicateur |
| ④ Touche | ⑤ Zone de lecture de carte | ⑥ Haut-parleur |
| ⑦ Bornes | ⑧ Port de débogage | ⑨ SABOTAGE |
| ⑩ Vis de blocage | ⑪ Fente de carte TF | ⑫ Interface réseau |

Remarque : l'apparence de l'appareil varie selon le modèle. Reportez-vous à l'appareil proprement dit.

Description de l'indicateur

Déverrouillage : Vert Appeler : orange Communiquer : blanc

2 Borne et câblage

Remarque : reportez-vous au manuel d'utilisation pour une description du câblage.

3 Accessoire d'installation

Remarque : pour connaître les dimensions des accessoires d'installation, veuillez vous reporter au manuel d'utilisation.

4 Installation

Avant de commencer

- Assurez-vous que l'appareil dans son emballage est en bonne condition et que toutes les pièces de montage sont incluses.
- Assurez-vous que tous les équipements connexes sont hors tension pendant l'installation.
- Vérifiez que les spécifications du produit sont adéquates à l'environnement d'installation.

Remarque : pour l'installation, reportez-vous à la figure et au manuel d'utilisation.

5 Configuration

① Activer un appareil

Vous devrez d'abord activer l'appareil en définissant un mot de passe fort avant de pouvoir l'utiliser.

Activez l'appareil à distance via le logiciel client iVMS-4200.

② Configuration à distance

Remarque : Pour plus de détails sur la configuration, consultez le manuel d'utilisation.

DS-KV6113-WPE1

Video Intercom Villa Door Station

DEUTSCH

Verweise auf Schaubilder

1 Aufbau

- | | | |
|---------------------|-----------------------|---------------------|
| ① Mikrofon | ② Kamera | ③ Statusanzeige |
| ④ Taste | ⑤ Kartenlesebereich | ⑥ Lautsprecher |
| ⑦ Anschlussklemmen | ⑧ Debug-Anschluss | ⑨ SABOTAGE |
| ⑩ Feststellschraube | ⑪ TF-Kartensteckplatz | ⑫ Netzwerkanschluss |

Hinweis: Der Aufbau des Geräts variiert je nach Modell. Beziehen Sie sich auf das tatsächliche Gerät.

Anzeigen

Entriegeln: Grün Anruf: Orange Kommunikation: Weiß

2 Anschlüsse und Verkabelung

Hinweis: Die Beschreibung der Verkabelung finden Sie im Benutzerhandbuch.

3 Installationszubehör

Hinweis: Entnehmen Sie den Umfang des Installationszubehörs dem Benutzerhandbuch.

4 Installation

Bevor Sie beginnen

- Achten Sie darauf, dass sich das Gerät in der Verpackung in gutem Zustand befindet und alle Montageteile enthalten sind.
- Achten Sie darauf, dass alle relevanten Geräte während der Montage ausgeschaltet sind.
- Überprüfen Sie die Produktspezifikation für die Installationsumgebung.

Hinweis: Einzelheiten zur Installation finden Sie in der Abbildung und im Benutzerhandbuch.

5 Konfiguration

① Gerät aktivieren

Bevor Sie das Gerät benutzen können, müssen Sie zunächst ein sicheres Passwort festlegen, um das Gerät zu aktivieren.

Aktivierung aus der Ferne über das Web oder die iVMS-4200 Client-Software.

② Fernkonfiguration

Hinweis: Weitere Informationen zur Konfiguration finden Sie im Benutzerhandbuch.

DS-KV6113-WPE1

Video Intercom Villa Door Station

ESPAÑOL

Referencias del diagrama

1 Apariencia

- | | | |
|-----------------------|-------------------------------|-------------------|
| ① Micrófono | ② Cámara | ③ Piloto |
| ④ Botón | ⑤ Área de lectura de tarjetas | ⑥ Altavoz |
| ⑦ Terminales | ⑧ Puerto de depuración | ⑨ MANIPULACIÓN |
| ⑩ Tornillo de presión | ⑪ Ranura para tarjeta TF | ⑫ Interfaz de red |

Nota: el aspecto del dispositivo varía en función del modelo. Remítase al dispositivo en cuestión.

Descripción del indicador

Desbloquear: Verde Llamar: naranja Comunicar: blanco

2 Terminal y cableado

Nota: Para ver una descripción del cableado, consulte el manual de usuario.

3 Accesorio de instalación

Nota: consulte el manual de usuario para ver las dimensiones de los accesorios de instalación.

4 Instalación

Antes de comenzar

- Asegúrese de que el dispositivo incluido esté en buenas condiciones y se incluyan todas las piezas de ensamblaje.
- Asegúrese de que todos los equipos relacionados estén apagados durante la instalación.
- Consulte las especificaciones del producto al realizar la instalación.

Nota: Nota: consulte las ilustraciones y el manual de usuario para conocer el procedimiento de instalación.

5 Configuración

Activar dispositivo

① Antes de poder utilizar el dispositivo es necesario activarlo estableciendo una contraseña segura.

Actívalo a distancia a través de la página web o el software de cliente iVMS-4200.

Configuración remota

② Nota: consulte el manual de usuario para ver la configuración.

DS-KV6113-WPE1

Video Intercom Villa Door Station

ITALIANO

Riferimento schemi

1 Aspetto

- | | | |
|-------------------|--------------------------|-----------------------|
| ① Microfono | ② Telecamera | ③ Indicatore |
| ④ Pulsante | ⑤ Area di lettura schede | ⑥ Altoparlante |
| ⑦ Terminali | ⑧ Porta di debugging | ⑨ MANOMISSIONE |
| ⑩ Vite di arresto | ⑪ Slot per scheda TF | ⑫ Interfaccia di rete |

Nota: l'aspetto del dispositivo varia in base al modello. Fare riferimento al dispositivo effettivo.

Descrizione degli indicatori

Sblocco: Verde Chiamata: arancione Comunicazione: bianco

2 Terminale e cablaggio

Nota: la descrizione del cablaggio fa riferimento al Manuale dell'utente.

3 Accessori per l'installazione

Nota: Per le dimensioni degli accessori di installazione, consultare il Manuale dell'utente.

4 Installazione

Prima di iniziare

- Verificare il dispositivo contenuto nella confezione sia in buone condizioni e che tutti gli elementi di assemblaggio siano presenti.
- Verificare che durante l'installazione tutte apparecchiature correlate siano spente.
- Controllare che le specifiche del prodotto corrispondano a quelle dell'ambiente di installazione.

Nota: Per l'installazione, fare riferimento alla figura e al Manuale dell'utente.

5 Configurazione

① Attiva dispositivo

Prima di utilizzare il dispositivo è necessario attivarlo impostando una password sicura.

Attivazione remota via Web o tramite il software client iVMS-4200.

② Configurazione remota

Nota: Per la configurazione, consultare il Manuale dell'utente.

DS-KV6113-WPE1

Video Intercom Villa Door Station

PORTUGUÊS

Referências do diagrama

1 Aspeto

- | | | |
|-----------------------|------------------------------|---------------------|
| ① Microfone | ② Câmara | ③ Indicador |
| ④ Botão | ⑤ Área de leitura de cartões | ⑥ Altifalante |
| ⑦ Terminais | ⑧ Porta de depuração | ⑨ ADULTERAÇÃO |
| ⑩ Parafuso de fixação | ⑪ Ranhura Para Cartão TF | ⑫ Interface de rede |

Nota: O aspeto do dispositivo varia consoante o modelo. Consulte o próprio dispositivo.

Descrição do indicador

Desbloqueado: Verde Chamada: Cor de laranja Comunicar: Branco

2 Terminal e cablagem

Nota: Para obter a descrição da fiação, consulte o Manual de Utilizador.

3 Acessório para instalação

Nota: Para obter a dimensão dos acessórios para instalação, consulte o Manual do Utilizador.

4 Instalação

Antes de começar

- Certifique-se de que o dispositivo na embalagem se encontra em boas condições e de que todas as peças de montagem estão incluídas.
- Certifique-se de que, durante a instalação, todo o equipamento relacionado se encontra desligado.
- Verifique a especificação do produto para o ambiente de instalação.

Nota: Para a instalação, consulte a figura e o Manual do Utilizador.

5 Configuração

① Ativar dispositivo

Antes de poder utilizar o dispositivo, é necessário ativá-lo primeiro, definindo uma palavra-passe segura.

Ative o dispositivo remotamente através da Web ou do software iVMS-4200 do cliente.

② Configuração remota

Nota: Para obter informações sobre a configuração remota, consulte o Manual do Utilizador.

DS-KV6113-WPE1

Video Intercom Villa Door Station

NEDERLANDS

Schemareferenties

1 Uiterlijk

- | | | |
|-----------------|-----------------------|-------------------|
| ① Microfoon | ② Camera | ③ Pictogram |
| ④ Toets | ⑤ Kaartleesgedeelte | ⑥ Luidspreker |
| ⑦ Aansluitingen | ⑧ Poort voor debuggen | ⑨ MANIPULATIE |
| ⑩ Stelschroef | ⑪ Sleuf TF-kaart | ⑫ Netwerkiterface |

Opmerking: De verschijningsvorm van het apparaat kan variëren naar gelang de verschillende modellen. Verwijst naar het daadwerkelijke apparaat.

Indicatorbeschrijving

Ontgrendelen: Groen Bellen: Oranje Communiceren: Wit

2 Aansluitingen en bedrading

Opmerking: De omschrijving van de bedrading verwijst naar de gebruiksaanwijzing.

3 Installatie-accessoire

Opmerking: Raadpleeg de gebruikershandleiding voor de afmetingen van installatie-accessoires.

4 Installatie

Voordat u begint

- Zorg dat het verpakte apparaat zich in goede staat bevindt en er geen onderdelen ontbreken.
- Zorg dat alle bijbehorende apparatuur tijdens de installatie is uitgeschakeld.
- Controleer de productspecificatie op geschiktheid in de installatieomgeving.

Opmerking: Raadpleeg voor installatie de afbeeldingen en de gebruikershandleiding.

5 Configuratie

① Apparaat activeren

U dient het apparaat voor gebruik eerst te activeren door er een sterk wachtwoord voor in te stellen.

Activeer op afstand via internet of iVMS-4200-clientsoftware.

② Configuratie op afstand

Opmerking: Raadpleeg de gebruikershandleiding voor de configuratie.

DS-KV6113-WPE1

Video Intercom Villa Door Station

ČEŠTINA

Popis obrázků

1 Vzhled

- | | | |
|-----------------|----------------------|--------------------------|
| ① Mikrofon | ② Kamera | ③ Indikátor |
| ④ Tlačítko | ⑤ Oblast čtení karty | ⑥ Reproduktor |
| ⑦ Svorky | ⑧ Ladicí port | ⑨ NEOPRÁVNĚNÉ MANIPULACE |
| ⑩ Stavěcí šroub | ⑪ Slot pro kartu TF | ⑫ Síťové rozhraní |

Poznámka: Vzhled zařízení se u různých modelů liší. Viz konkrétní zařízení.

Popis indikátoru

Odemknout: Zelená Volání: Oranžová Komunikace: Bílá

2 Svorka a zapojení

Poznámka: Popis zapojení viz uživatelská příručka.

3 Příslušenství pro instalaci

Poznámka: Rozměry příslušenství pro instalaci naleznete v uživatelské příručce.

4 Montáž

Dříve než začnete

- Ujistěte se, zda je zařízení v balení v dobrém stavu a zda jsou přítomny všechny dodávané součásti.
- Ujistěte se, že veškerá příslušná zařízení jsou během instalace vypnutá.
- Zkontrolujte technické údaje produktu týkající se prostředí instalace.

Poznámka: Při instalaci se řiďte obrázkem a uživatelskou příručkou.

5 Konfigurace

① Aktivace zařízení

Před použitím zařízení je musíte aktivovat nastavením silného hesla.

Zařízení se aktivuje vzdáleně na webu nebo prostřednictvím klientského softwaru iVMS-4200.

② Vzdálená konfigurace

Poznámka: Konfiguraci naleznete v uživatelské příručce.

DS-KV6113-WPE1

Video Intercom Villa Door Station

DANSK

Diagramoversigt

1 Beskrivelse

- | | | |
|---------------------|--------------------------|----------------|
| ① Mikrofon | ② Kamera | ③ Kontrollampe |
| ④ Knap | ⑤ Område til kortlæsning | ⑥ Højttaler |
| ⑦ Terminaler | ⑧ Port til fejlfinding | ⑨ MANIPULATION |
| ⑩ Fastspændingsbolt | ⑪ TF-kortplads | ⑫ Netværksstik |

Bemærk: Enhedens udseende kan variere afhængigt af model. Der henvises til den faktiske enhed.

Beskrivelse af kontrollampe

Lås op: Grøn Opkald: Orange Kommunikér: Hvid

2 Terminal og ledningsføring

Bemærk: For beskrivelse af kabelføring henvises til brugervejledningen.

3 Installationstilbehør

Bemærk: Find målene for installationstilbehør i brugervejledningen.

4 Installation

Før du starter

- Kontrollér, at enheden i pakken er i god tilstand, og at alle dele til samling medfølger.
- Kontrollér, at alt tilknyttet udstyr er slukket under installationen.
- Kontrollér produktspecifikationerne for installationsmiljøet.

Bemærk: Find oplysninger om installationen i figuren og brugervejledningen.

5 Konfiguration

① Aktivér enhed

Du skal først aktivere enheden ved at indstille en stærk adgangskode, før du kan anvende enheden.

Aktivér via fjernbetjening på nettet eller via iVMS-4200-klientsoftware.

② Fjernbetjent konfiguration

Bemærk: Find oplysninger om konfiguration i brugervejledningen.

DS-KIS603-P

Video Intercom Network Bundle

DS-KH6320-WTE1

Video Intercom Network Indoor Station

MAGYAR

Az ábra jelölései

1 Külső megjelenés

- | | | |
|-----------------------|---------------|--------------------------|
| ① Képernyő | ② Mikrofon | ③ Hibakereső port |
| ④ Hálózati csatlakozó | ⑤ Hangszóró | ⑥ TF- (SD-) kártyanyílás |
| ⑦ Riasztás csatlakozó | ⑧ Fenntartott | ⑨ Tápcsatlakozó |

Megjegyzés:

- Az eszköz megjelenése a különböző típusok esetén eltérő lehet. Részletes információkkal kapcsolatban keresse meg a tényleges eszközt.
- A hibakereső port kizárólag hibakeresésre szolgál.

2 Csatlakozó és vezetékek

Megjegyzés: A csatlakozók és bekötések leírását az ábrán, illetve a felhasználói útmutatóban találja.

3 Telepítés

A kezdés előtt

- Győződjön meg arról, hogy a csomagban található eszköz kifogástalan állapotú, és egyetlen szerelési tartozék sem hiányzik.
- Bizonyosodjon meg arról, hogy minden kapcsolódó eszközt áramtalanított a felszerelés ideje alatt.

A telepítési környezetre vonatkozóan ellenőrizze a termék műszaki adatait.

Megjegyzés: A telepítéssel kapcsolatban lásd az ábrát, illetve a felhasználói útmutatót.

4 Kezdeti lépések

① Eszköz aktiválása

Az eszköz használata előtt egy erős jelszó beállításával aktiválnia kell az eszközt.

Aktiválja a készüléket helyben, vagy távolról az iVMS-4200 kliensszoftver segítségével.

② Gyorsbeállítás

Kövesse a megfelelő interfészeken megjelenő utasításokat.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

BAHASA INDONESIA

Referensi Diagram

1 Tampilan

- | | | |
|----------------------|------------------|------------------|
| ① Layar | ② Mikrofon | ③ Port Debugging |
| ④ Antarmuka Jaringan | ⑤ Pengeras Suara | ⑥ Slot Kartu TF |
| ⑦ Terminal Alarm | ⑧ Cadangan | ⑨ Terminal Daya |

Catatan:

- Tampilan perangkat beragam tergantung modelnya. Silakan merujuk ke perangkat yang sebenarnya untuk informasi selengkapnya.
- Port Debugging hanya digunakan untuk debugging.

2 Terminal dan Perkabelan

Catatan: Untuk deskripsi terminal dan perkabelan, silakan merujuk ke gambar dan Manual Pengguna.

3 Pemasangan

Sebelum Anda Memulai

- Pastikan perangkat dalam kemasan kondisinya bagus dan semua bagian-bagiannya disertakan.
- Pastikan semua peralatan yang terkait dinonaktifkan selama pemasangan.
- Periksa spesifikasi produk terhadap lingkungan pemasangan.

Catatan: Untuk cara pemasangan, silakan merujuk ke gambar dan Manual Pengguna.

4 Memulai

① Aktifkan Perangkat

Pertama Anda harus mengaktifkan perangkat dengan membuat kata sandi yang kuat sebelum perangkat dapat digunakan.

Aktifkan perangkat secara lokal atau jarak jauh dengan perangkat lunak klien iVMS-4200.

② Konfigurasi Cepat

Ikuti perintah yang muncul pada antarmuka.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

POLSKI

Opis diagramu

1 Elementy urządzenia

- | | | |
|---------------------|-----------------|-------------------------|
| ① Ekran | ② Mikrofon | ③ Złącze do debugowania |
| ④ Złącze sieciowe | ⑤ Głośnik | ⑥ Gniazdo karty TF |
| ⑦ Terminal alarmowy | ⑧ Zarezerwowane | ⑨ Złącze zasilania |

Uwaga:

- Wygląd urządzenia jest zależny od modelu. Aby uzyskać więcej informacji, skorzystaj ze specyfikacji danego produktu.
- Złącze do debugowania jest używane tylko do debugowania.

2 Złącza i połączenia

Uwaga: Aby uzyskać więcej informacji dotyczących złączy i połączeń, skorzystaj z rysunku w podręczniku użytkownika.

3 Instalacja

*Zanim rozpocznie*s

- Upewnij się, że urządzenie w pakiecie nie jest uszkodzone i dostarczono wszystkie elementy montażowe.
- Upewnij się, że zasilanie powiązanego wyposażenia jest wyłączone podczas instalacji.
- Sprawdź specyfikacje produktu dotyczące warunków otoczenia w miejscu instalacji.

Uwaga: Aby uzyskać informacje dotyczące instalacji, skorzystaj z rysunku w podręczniku użytkownika.

4 Pierwsze kroki

① Aktywuj urządzenie

Przed użyciem urządzenia należy je aktywować, ustawiając silne hasło dla urządzenia.

Aktywuj urządzenie lokalnie lub zdalnie przy użyciu oprogramowania klienckiego iVMS-4200.

② Szybka konfiguracja

Postępuj zgodnie z monitami w aplikacji.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

ROMÂNĂ

Referințe diagramă

1 Aspect

- | | | |
|----------------------|------------|--------------------------------|
| ① Ecran | ② Microfon | ③ Port de corectare a erorilor |
| ④ Interfață de rețea | ⑤ Difuzor | ⑥ Slot Card TF |
| ⑦ Terminal alarmă | ⑧ Rezervat | ⑨ Terminal de alimentare |

Notă:

- Aspectul dispozitivului diferă în funcție de model. Pentru informații detaliate, consultați dispozitivul propriu-zis.
- Portul de depanare se utilizează numai pentru depanare.

2 Terminal și cablare

Notă: Pentru descrierile terminalului și a cablării, consultați figura și Manual de utilizare.

3 Instalarea

Înainte sa începeți

- Asigurați-vă că dispozitivul din pachet este în stare bun și că toate piesele pentru asamblare sunt incluse.
- Asigurați-vă că toate echipamentele aferente sunt oprite în timpul instalării.
- Verificați specificațiile produsului pentru mediul de instalare.

Notă: Pentru instalare, consultați figura și manualul de utilizare.

4 Primii pași

① Activarea dispozitivului

Pentru a putea utiliza dispozitivul, trebuie mai întâi să activați dispozitivul setând o parolă puternică.

Activați dispozitivul prin comenzi locale sau de la distanță prin intermediul software-ului client iVMS-4200.

② Configurare rapidă

Urmați indicațiile de pe interfețele corespunzătoare.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

TÜRKÇE

Şema Referansları

1 Görünüm

- | | | |
|-------------------|------------|-----------------------|
| ① Ekran | ② Mikrofon | ③ Hata Ayıklama Portu |
| ④ Ağ Arayüzü | ⑤ Hoparlör | ⑥ TF Kart Yuvası |
| ⑦ Alarm Terminali | ⑧ Yedek | ⑨ Güç Terminali |

Not:

- Cihazın görünümü farklı modellere göre değişir. Ayrıntılı bilgi için gerçek cihaza bakın.
- Hata Ayıklama Bağlantı Noktası sadece hata ayıklama için kullanılır.

2 Terminal ve Kablolama

Not: Terminal ve kablo bağlantısı açıklamaları için şekle ve Kullanım Kılavuzuna bakın.

3 Kurulum

Başlamadan Önce

- Paketteki cihazın iyi durumda olduğundan ve tüm montaj parçalarının bulunduğundan emin olun.
- Kurulum esnasında ilgili tüm ekipmanların kapalı olduğundan emin olun.
- Kurulum ortamı için ürün teknik özelliklerini kontrol edin.

Not: Kurulum için şekle ve Kullanım Kılavuzuna bakın.

4 Başlarken

① Cihazı Etkinleştir

Cihazı kullanabilmeniz için önce güçlü bir parola ayarlayarak cihazı etkinleştirmeniz gerekir.

iVMS-4200 istemci yazılımını kullanarak cihazı yerel veya uzak olarak etkinleştirin.

İlgili arayüzlerdeki talimatlara uyun.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

SLOVENČINA

Referenčné schémy

1 Vzhľad

- | | | |
|---------------------|---------------|-----------------------|
| ① Obrazovka | ② Mikrofón | ③ Ladiaci port |
| ④ Sieťové rozhranie | ⑤ Reproduktor | ⑥ Zásuvka na kartu TF |
| ⑦ Terminál alarmu | ⑧ Rezervované | ⑨ Terminál napájania |

Poznámka:

- Vzhľad zariadenia sa líši v závislosti od modelu. Špecifický opis je iný pre každé zariadenie.
- Port ladenia sa používa iba na ladenie.

2 Terminál a kabeláž

Poznámka: Popisy svorkovnice a zapojenia vodičov nájdete na obrázku a v používateľskej príručke.

3 Montáž

Pred spustením

- Uistite sa, že zariadenie v balení je v dobrom stave a všetky montážne časti sú súčasťou balenia.
- Počas inštalácie sa uistite, že sú všetky súvisiace zariadenia vypnuté.
- Naštudujte si špecifickú výrobu a vhodné prostredie inštalácie.

Poznámka: Informácie o správnej inštalácii nájdete na obrázku a v používateľskej príručke.

4 Začíname

① Aktivácia zariadenia

Pred použitím zariadenia ho musíte najskôr aktívovať nastavením silného hesla. Zariadenie môžete aktívovať lokálne alebo na diaľku prostredníctvom klientskeho softvéru iVMS-4200.

② Rýchla konfigurácia

Postupujte podľa výziev v príslušných rozhraniach.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

УКРАЇНСЬКА

Пояснення на схемі

1 Зовнішній вигляд

- | | | |
|-----------------------|-----------------|------------------------|
| ① Екран | ② Мікрофон | ③ Порт налагодження |
| ④ Мережевий інтерфейс | ⑤ динамік | ⑥ Гніздо для TF-картки |
| ⑦ Роз’єм тривоги | ⑧ Зарезервовано | ⑨ Роз’єм живлення |

Примітка.

- Зовнішній вигляд пристрою залежить від моделі. Щоб дізнатися більше, див. фактичний пристрій.
- Порт налагодження використовується лише для налагодження.

2 Роз’єм і проводка

Примітка. Інформацію про роз’єм і проводку дивіться на рисунку та в посібнику користувача.

3 Установлення

Перш ніж почати

- Переконайтеся, що упаковка містить пристрій у належному стані та всі деталі з комплекту.
- Забезпечте, щоб усе пов’язане обладнання було вимкнене протягом встановлення.
- Переверте вимоги до умов встановлення обладнання.

Примітка. Інформацію про встановлення дивіться на рисунку та в посібнику користувача.

4 Початок роботи

① Активация пристрою

Перш ніж користуватися пристроєм, його необхідно активувати, встановивши надійний пароль.

Активуйте пристрій локально або дистанційно за допомогою клієнтського програмного забезпечення iVMS-4200.

② Швидке налаштування

Дотримуйтеся вказівок у відповідних інтерфейсах.

DS-KH6320-WTE1

Video Intercom Network Indoor Station

РУССКИЙ

Пояснения к рисункам

1 Внешний вид

- | | | |
|--------------------------|-------------------|---------------------|
| ① Экран | ② Микрофон | ③ Порт отладки |
| ④ сетевой интерфейс | ⑤ Динамик | ⑥ Слот для карты TF |
| ⑦ Разъем сигнала тревоги | ⑧ Зарезервировано | ⑨ Клеммы питания |

Примечание.

- Внешний вид устройства может отличаться в зависимости от модели.
- Подробные сведения см. в документации для конкретного устройства.
- Порт отладки используется только для отладки.

2 Терминал и схема соединения

Примечание. Описание разъемов и разводки приведено на рисунке и в руководстве пользователя.

3 Установка

Перед началом работы

- Убедитесь, что устройство в упаковке находится в исправном состоянии, и все составляющие комплекта поставки имеются в наличии.
- Убедитесь, что во время установки все сопутствующее оборудование отключено.
- Изучите технические требования к установке устройства.

Примечание. Для получения информации об установке см. рисунки и руководство пользователя.

4 Начало работы

① Активировать устройство

Перед использованием устройства необходимо сначала его активировать и установить надежный пароль.

Активируйте устройство локально или удаленно с помощью клиентского программного обеспечения iVMS-4200.

② Быстрая настройка

Выполните инструкции в соответствующих интерфейсах.



6 Series Video Intercom Villa Door Station

User Manual

Legal Information

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Note	Provides additional information to emphasize or supplement important points of the main text.

Safety Instruction



Warning

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
- Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.
- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
- Please make sure that the power has been disconnected before you wire, install or dismantle the device.
- When the product is installed on wall or ceiling, the device shall be firmly fixed.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)



Caution

- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- The device cover for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
- Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
- Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
- Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.

6 Series Video Intercom Villa Door Station User Manual

- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- Input voltage should meet both the SELV and the Limited Power Source according to 60950-1 standard.
- The power supply must conform to LPS. The recommended adaptor models and manufacturers are shown as below. Use the attached adapter, and do not change the adaptor randomly.

Model	Manufacturer	Standard
ADS-24S-12 1224GPCN	SHENZHEN HONOR ELECTRONIC CO.,LTD	CEE
G0549-240-050	SHENZHEN GOSPELL DIGITAL TECHNOLOGY CO.,LTD	CEE
TS-A018-120015Ec	SHENZHEN TRANSIN TECHNOLOGIES CO., LTD	CEE

Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope

rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Contents

Chapter 1 Appearance	1
Chapter 2 Terminal and Wiring Description	3
2.1 Terminal Description	3
2.2 Wiring Description	4
2.2.1 Door Lock Wiring	4
2.2.2 Door Contact Wiring	5
2.2.3 Exit Button Wiring	6
2.2.4 Alarm Input Device Wiring	7
Chapter 3 Installation	8
3.1 Accessory Introduction	8
3.2 Surface Mounting without Protective Shield	9
3.3 Surface Mounting with Protective Shield	12
Chapter 4 Activation	16
4.1 Activate Device via Web	16
4.2 Activate Device via Client Software	16
4.3 Edit Network Parameters	17
Chapter 5 Remote Configuration via Web	18
5.1 Live View	18
5.2 User Management	18
5.3 Device Management	19
5.4 Parameters Settings	20
5.4.1 Local Parameters Settings	20
5.4.2 System Settings	22
5.4.3 Network Settings	24
5.4.4 Video & Audio Settings	29
5.4.5 Image Settings	32

5.4.6 Event Settings	35
5.4.7 Schedule Settings	39
5.4.8 Intercom Settings	40
5.4.9 Access Control Settings	43
Chapter 6 Configuration via Client Software	47
6.1 Device Management	47
6.1.1 Add Online Device	47
6.1.2 Add Device by IP Address	49
6.1.3 Add Device by IP Segment	49
6.2 Live View via Door Station	49
6.3 Organization Management	49
6.3.1 Add Organization	49
6.3.2 Modify and Delete Organization	50
6.4 Person Management	50
6.4.1 Add Person	50
6.4.2 Modify and Delete Person	51
6.4.3 Change Person to Other Organization	51
6.4.4 Import and Export Person Information	52
6.4.5 Get Person Information from Device	52
6.4.6 Issue Card in Batch	53
6.4.7 Permission Settings	56
6.5 Video Intercom Settings	56
6.5.1 Receive Call from Door Station	57
6.5.2 Release Notice	57
6.5.3 Search Video Intercom Information	58
6.5.4 Upload Armed Information	59
Appendix A. Communication Matrix and Device Command	60

Chapter 1 Appearance

Front Panel and Rear Panel

Here takes DS-KV6113-WPE1 for example.

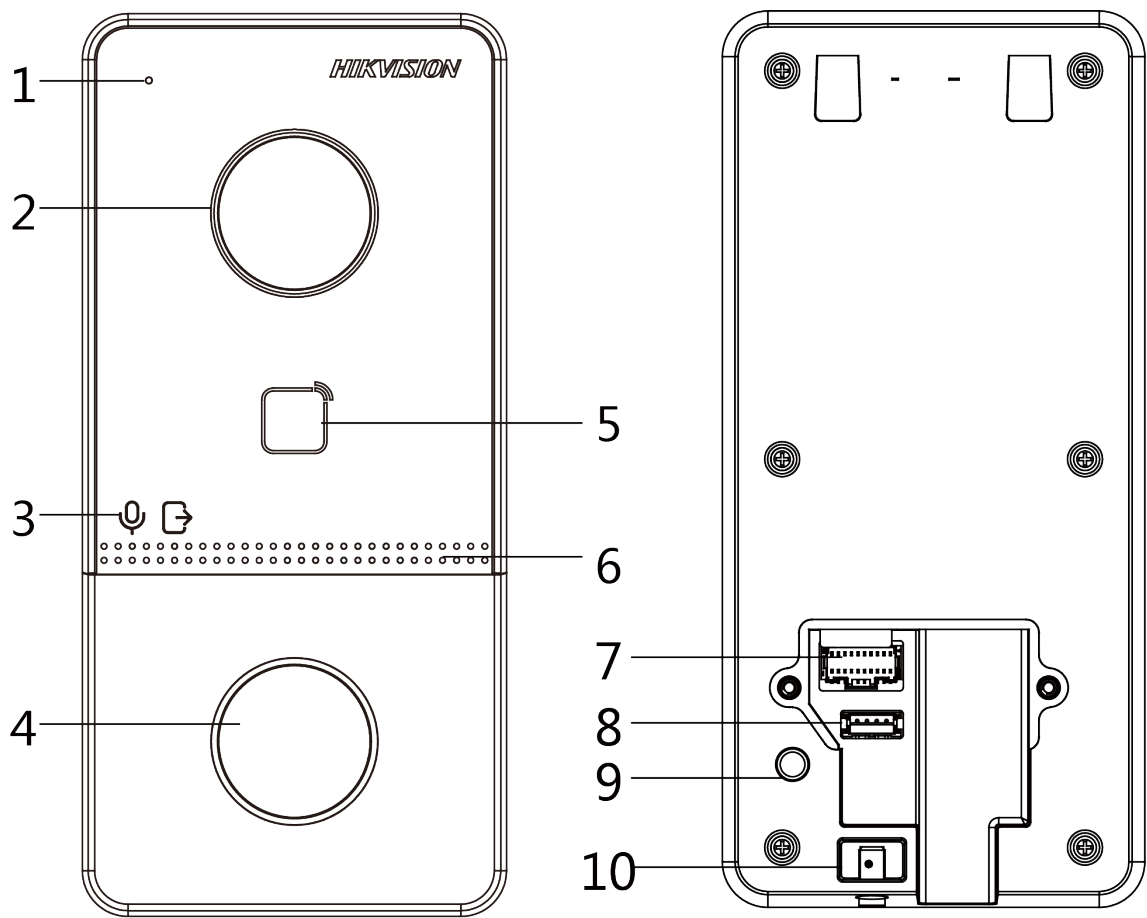


Figure 1-1 Front Panel and Rear Panel

Table 1-1 Description

No.	Description
1	Microphone
2	Camera
3	Indicator Unlock (Green)/ Call (Orange)/ Communicate (White)

No.	Description
4	Button
5	Card Reading Area
6	Loudspeaker
7	Terminals
8	Debugging Port
9	TAMPER
10	Set Screw

Bottom Panel

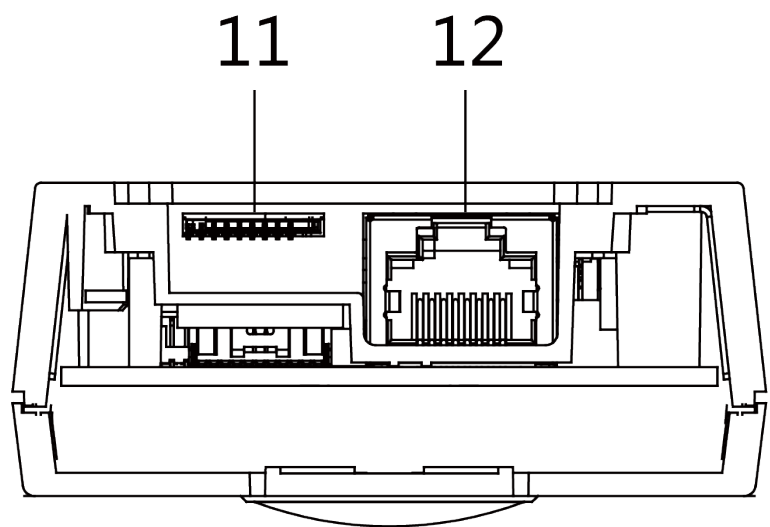


Figure 1-2 Bottom Panel

Table 1-2 Description

No.	Description
11	TF Card Slot (Reserved)
12	Network Interface

Chapter 2 Terminal and Wiring Description

2.1 Terminal Description

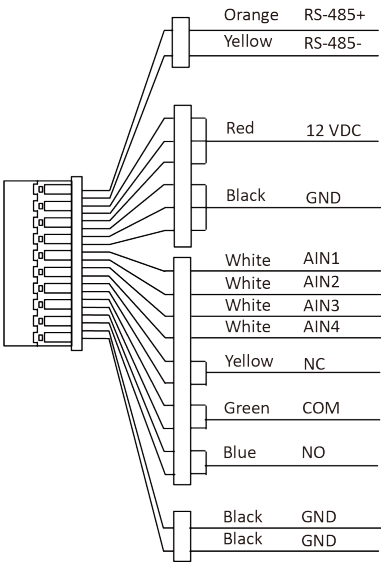


Figure 2-1 Terminal Description

 Note

RS-485 terminal is not supported.

2.2 Wiring Description

2.2.1 Door Lock Wiring

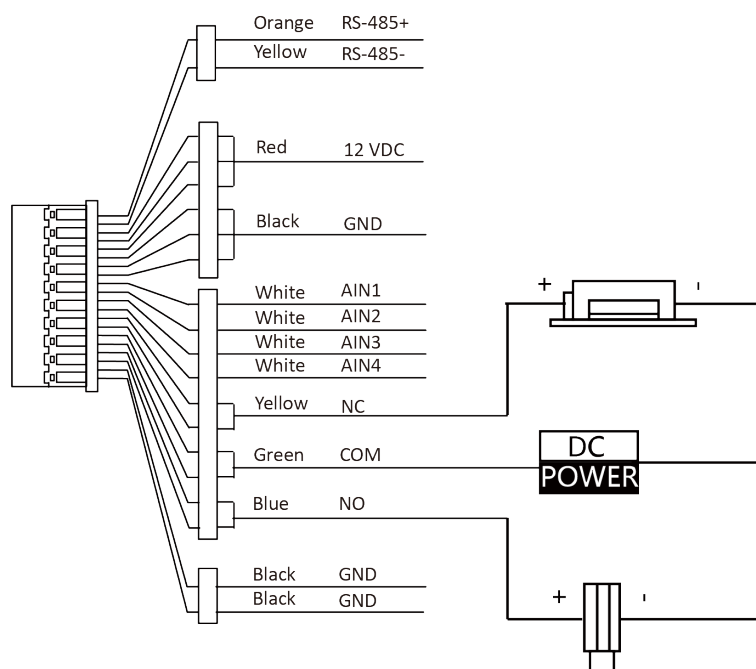


Figure 2-2 Door Lock Wiring



Note

Terminal NC/COM is set as default for accessing magnetic lock/electric bolt; terminal NO/COM is set as default for accessing electric strike.

2.2.2 Door Contact Wiring

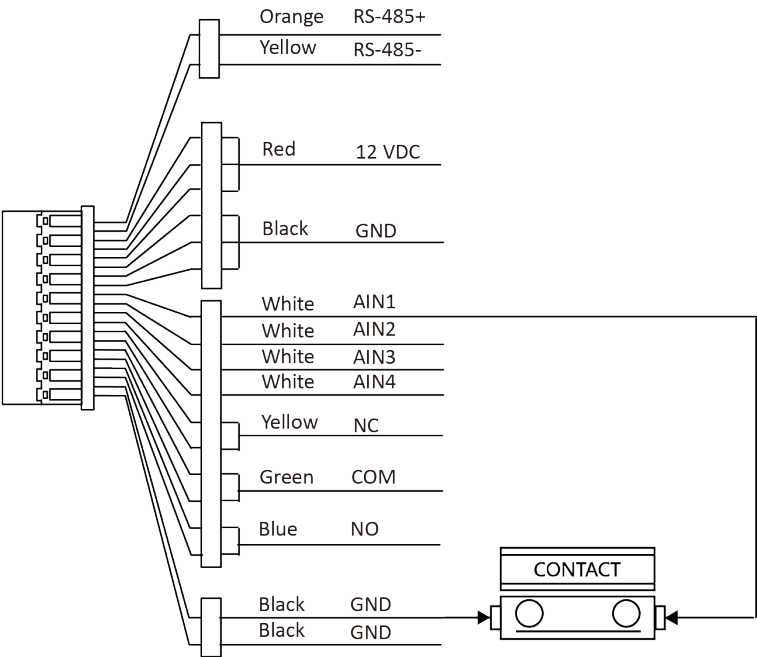


Figure 2-3 Door Contact Wiring

2.2.3 Exit Button Wiring

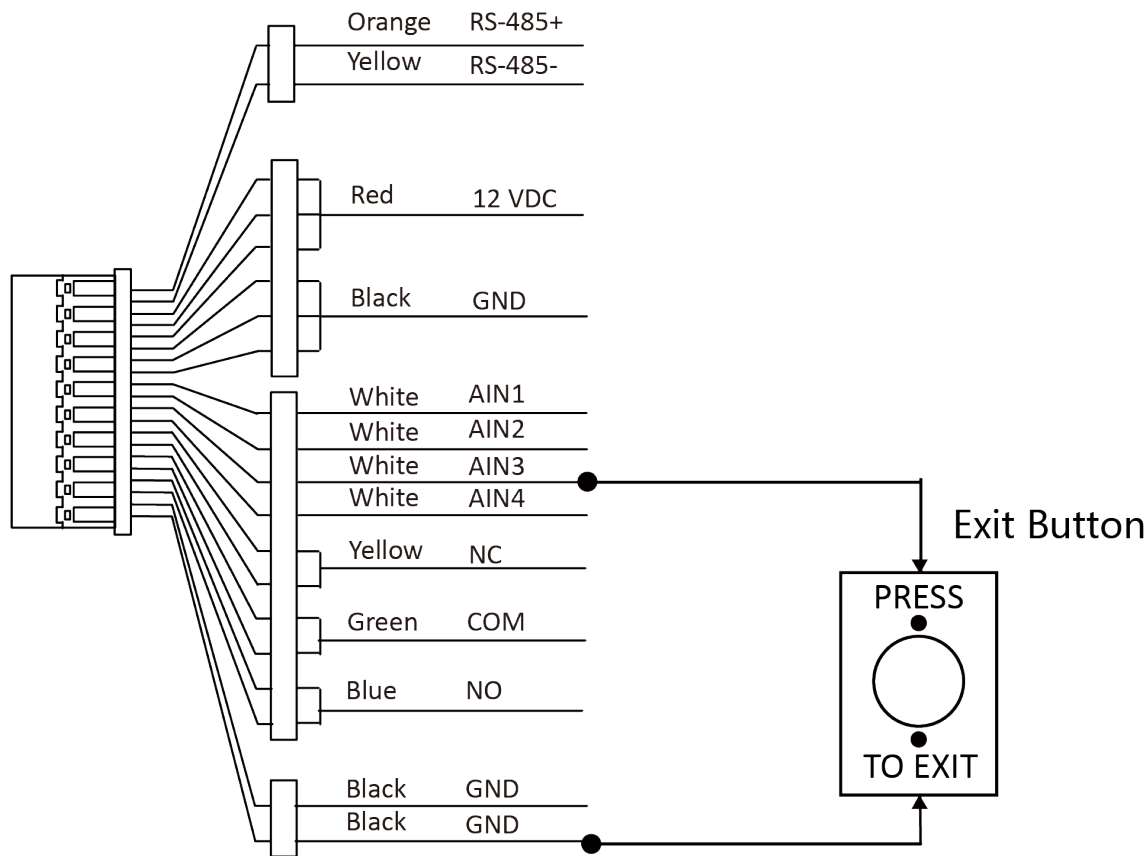


Figure 2-4 Exit Button Wiring

2.2.4 Alarm Input Device Wiring

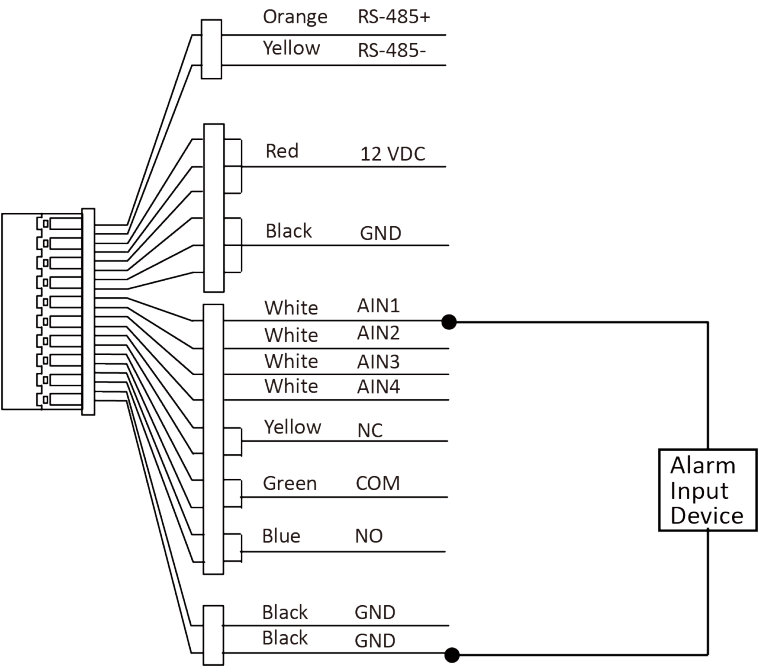


Figure 2-5 Alarm Input Device Wiring

Chapter 3 Installation

Note

- Make sure the device in the package is in good condition and all the assembly parts are included.
- Make sure your power supply matches your door station.
- Make sure all the related equipment is power-off during the installation.
- Check the product specification for the installation environment.

3.1 Accessory Introduction

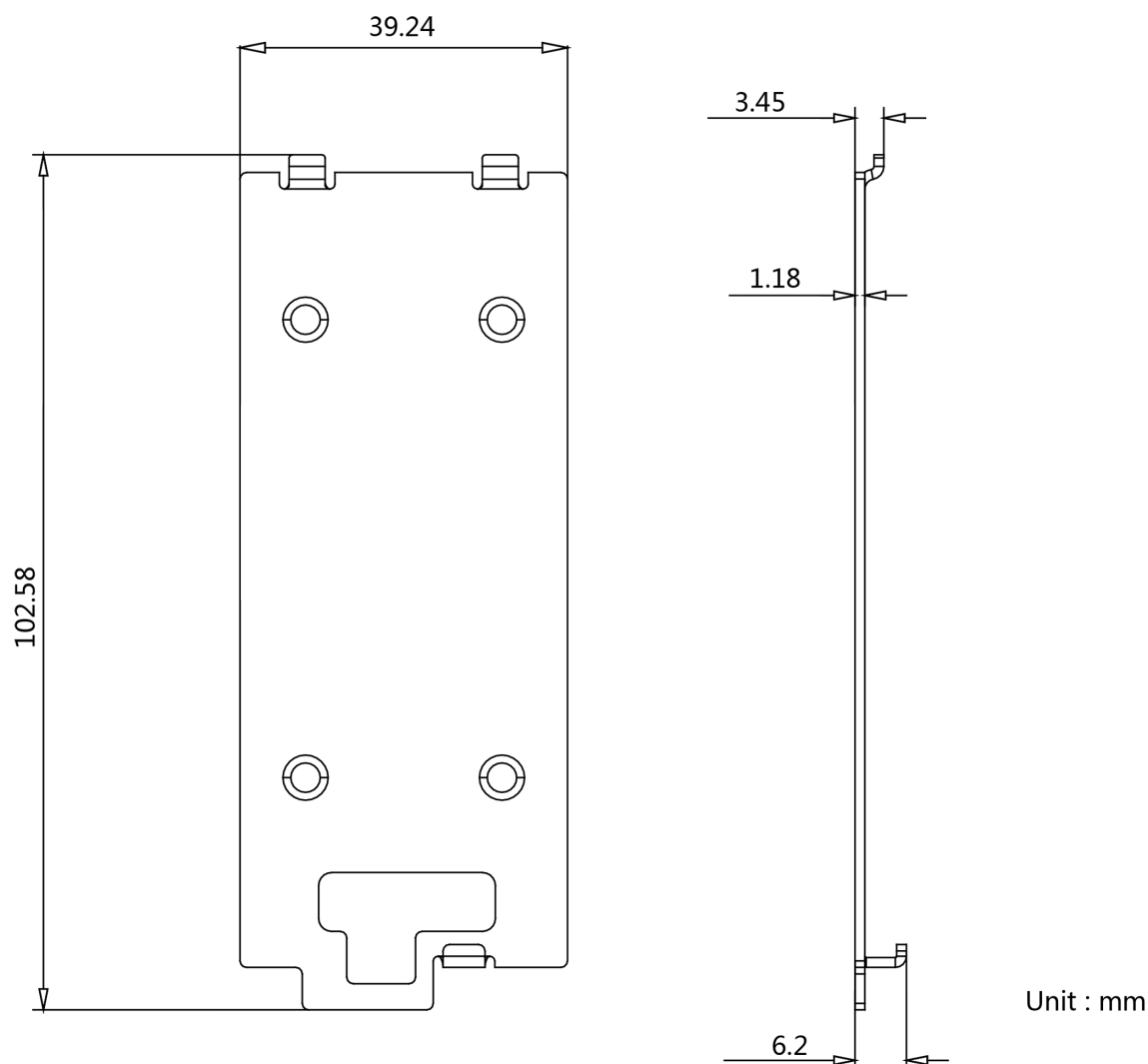


Figure 3-1 Accessory Introduction

Note

The dimension of the mounting plate is 102.58 mm × 39.24 mm × 6.2 mm.

3.2 Surface Mounting without Protective Shield

Before You Start

- Tools that you need to prepare for installation: Drill (ø2.846) and gradienter.
- Purchase the protective shield before installation.

Steps

1. Stick the mounting template on the wall. Drill screw holes according to the mounting template.
Remove the template from the wall.

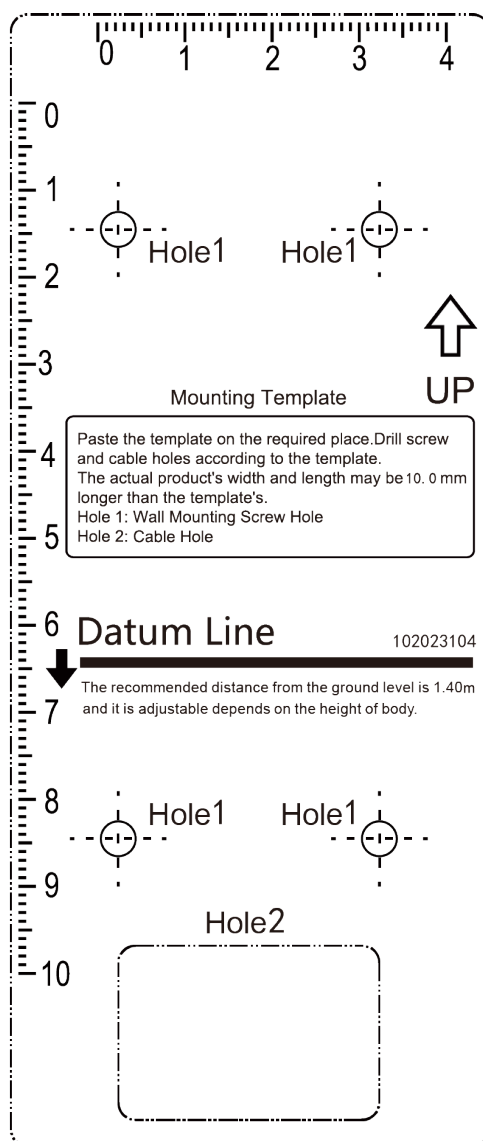


Figure 3-2 Mounting Template

2. Secure the mounting plate on the wall with 4 supplied screws according to the screw holes.
3. Install the villa door station to the mounting plate. Fix the device on the mounting plate with the set screw.



Note

Apply silicone sealant among the cable wiring area to keep the raindrop from entering.

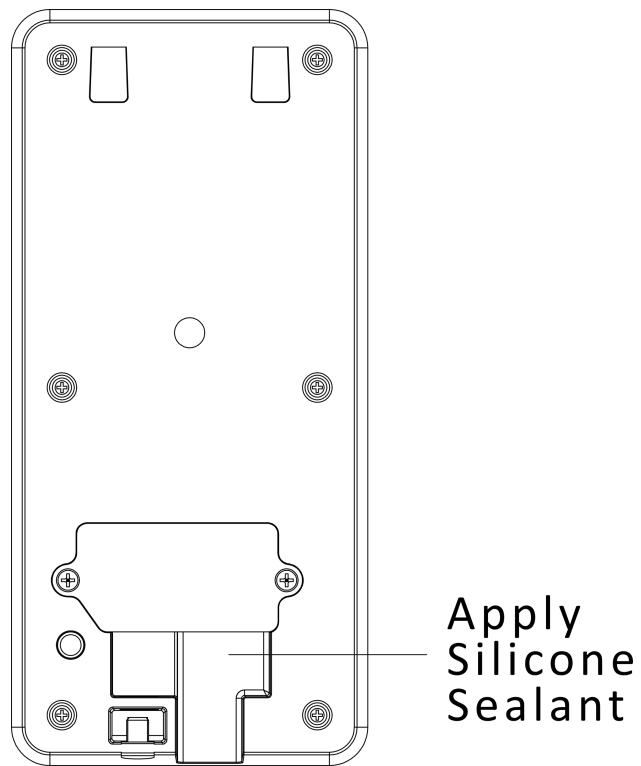


Figure 3-3 Apply Silicone Sealant

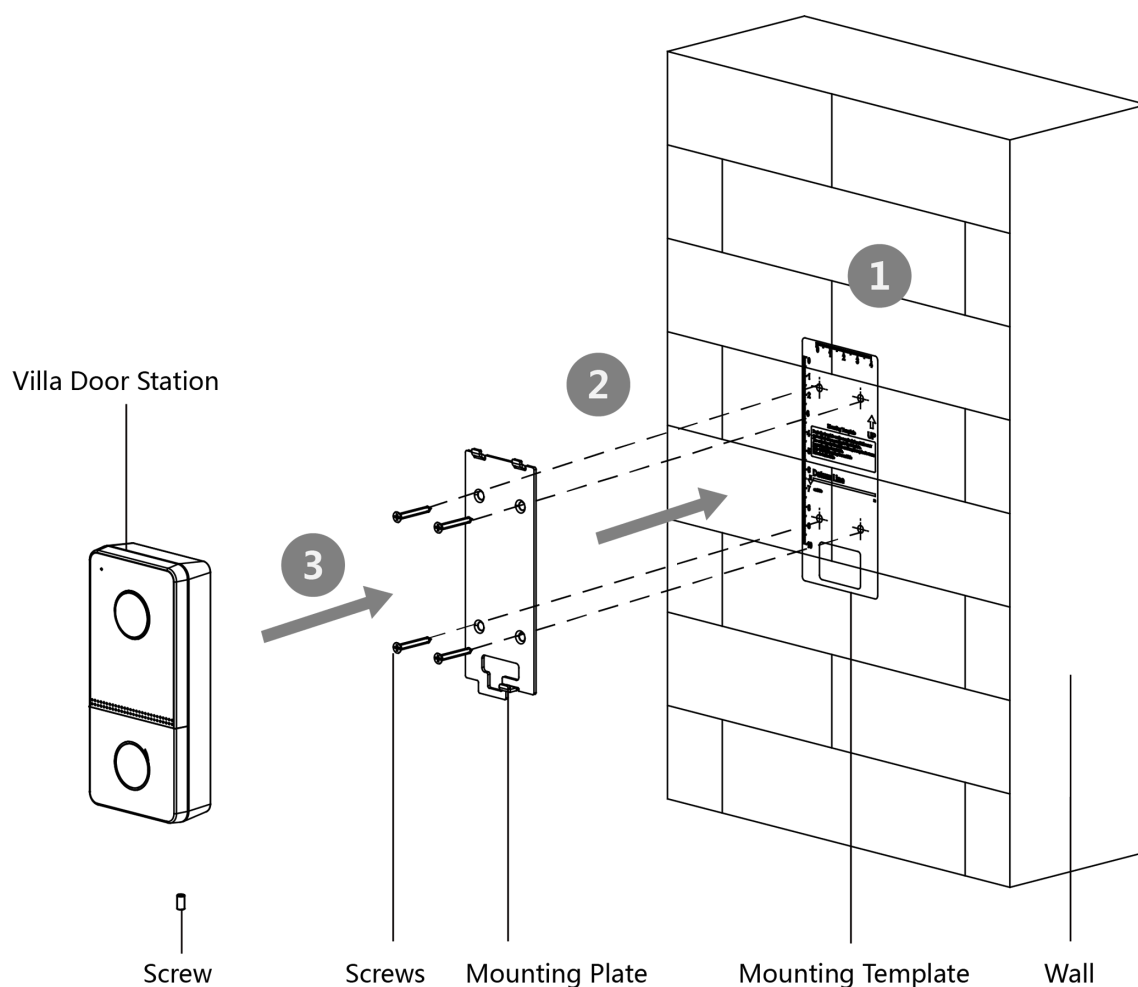


Figure 3-4 Surface Mounting without Protective Shield

3.3 Surface Mounting with Protective Shield

Before You Start

- Tools that you need to prepare for installation: Drill ($\varnothing 2.846$) and gradienter.
- Purchase the protective shield before installation.
- If installing outdoors, you are advised to install the device with protective shield.

Steps

1. Stick the mounting template on the wall. Drill screw holes according to the mounting template. Remove the template from the wall.

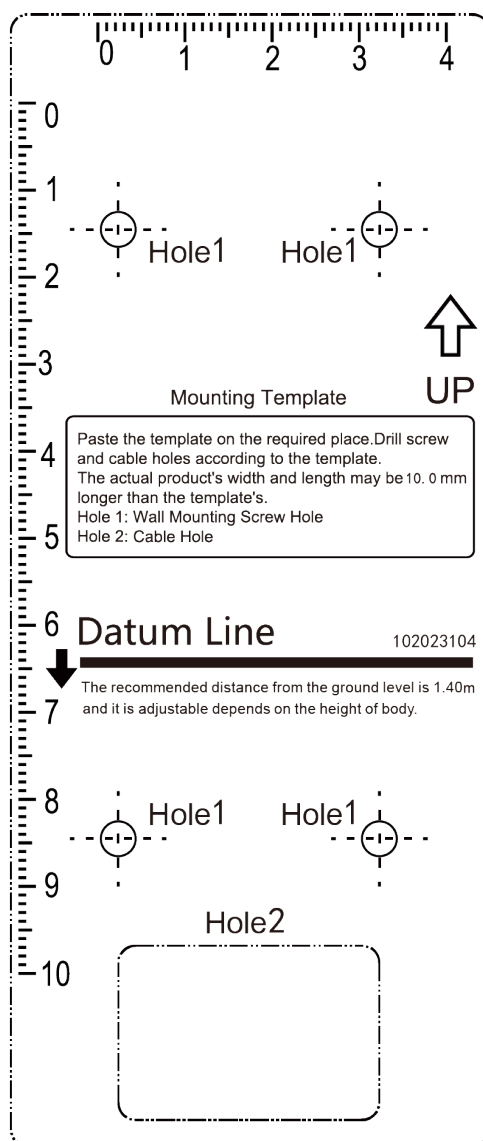


Figure 3-5 Mounting Template

2. Align the protective shield with the mounting template.
3. Secure the mounting plate and protective shield on the wall with 4 supplied screws according to the screw holes.
4. Install the villa door station to the mounting plate. Fix the device on the mounting plate with the set screw.

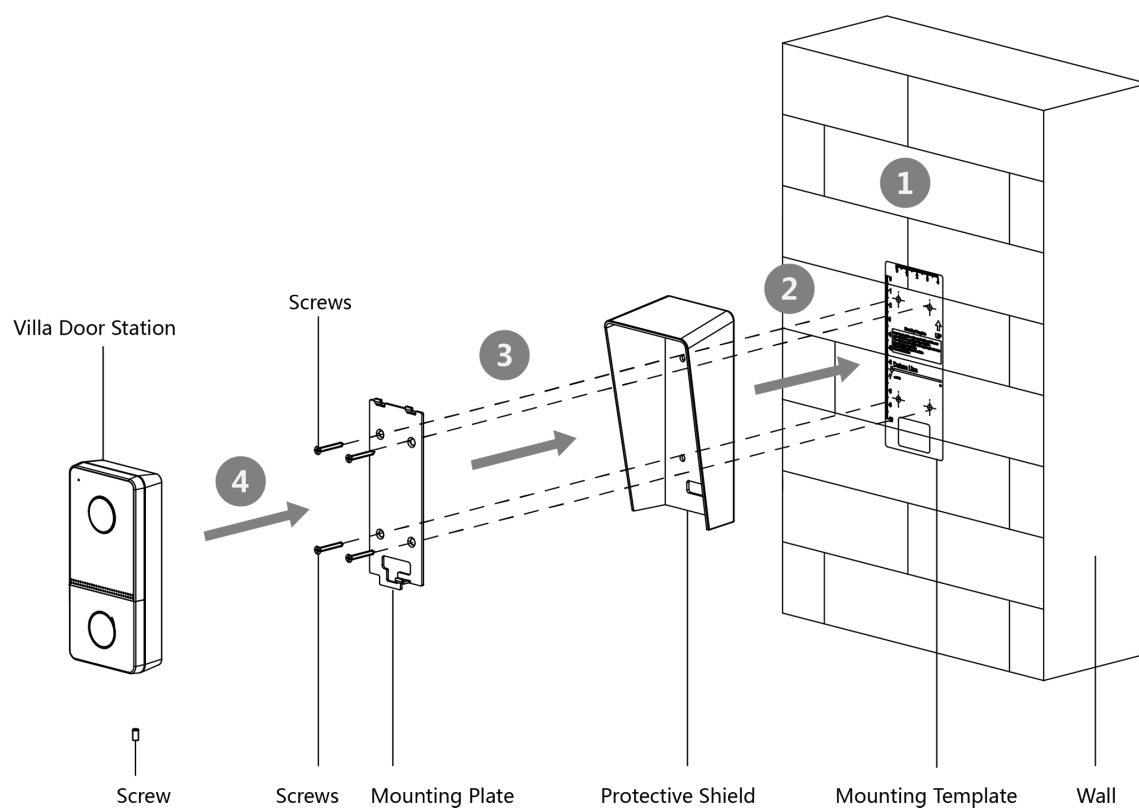


Figure 3-6 Surface Mounting with Protective Shield

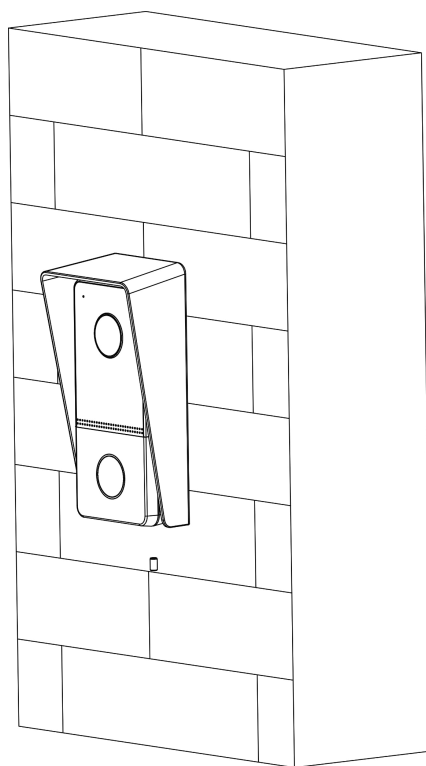


Figure 3-7 Finished View

Chapter 4 Activation

4.1 Activate Device via Web

You are required to activate the device first by setting a strong password for it before you can use the device.

Default parameters of the door station are as follows:

- Default IP Address: 192.0.0.65.
- Default Port No.: 8000.
- Default User Name: admin

Steps

1. Power on the device, and connect the device to the network.
2. Enter the IP address into the address bar of the web browser, and click **Enter** to enter the activation page.



Note

The computer and the device should belong to the same subnet.

3. Create and enter a password into the password field.
4. Confirm the password.
5. Click **OK** to activate the device.

4.2 Activate Device via Client Software

You can only configure and operate the door station after creating a password for the device activation.

Default parameters of door station are as follows:

- Default IP Address: 192.0.0.65.
- Default Port No.: 8000.
- Default User Name: admin.

Steps

1. Run the client software, click **Maintenance and Management → Device Management → Device** to enter the page.
2. Click **Online Device**.
3. Select an inactivated device and click **Activate**.
4. Create a password, and confirm the password.



Note

We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

5. Click **OK** to activate the device.



Note

- When the device is not activated, the basic operation and remote operation of device cannot be performed.
 - You can hold the **Ctrl** or **Shift** key to select multiple devices in the online devices, and click the **Activate** button to activate devices in batch.
-

4.3 Edit Network Parameters

To operate and configure the device via LAN (Local Area Network), you need connect the device in the same subnet with your PC. You can edit network parameters via **ivMS-4200** client software.

Steps

1. Select an online activated device and click the **Modify Netinfo**.
 2. Edit the device IP address and gateway address to the same subnet with your computer.
 3. Enter the password and click **OK** to save the network parameters modification.
-



Note

- The default port No. is 8000.
 - The default IP address of the door station is 192.0.0.65.
 - After editing the network parameters of device, you should add the devices to the device list again.
-

Chapter 5 Remote Configuration via Web

5.1 Live View

In the browser address bar, enter the IP address of the device, and press the Enter key to enter the login page.

Enter the user name and password and click **Login** to enter the Live View page. Or you can click **Live View** to enter the page.



Figure 5-1 Live View

- You can start/stop live view, capture, record, audio on/off, two-way audio, etc.
- The stream type can be set as main stream or sub stream.
- For IE (Internet Explorer) users, the device support two-way audio communication.

5.2 User Management

You can add, delete or search the information of the user.

Click **User** to enter the settings page.

+ Add

Delete

Input Keywords

Q

☐	Person ID	User Type	Name	Floor No.	Room No.	Card Number.	Start Time	End Time	Operation
--------------------------	-----------	-----------	------	-----------	----------	--------------	------------	----------	-----------

Figure 5-2 User Management

- Click **Add** and enter the **Name**, **Floor No.** and **Room No.** to add.
- Click **Edit** to modify the information of the user.
- Check the box of the user and click **Delete** to delete the selected user.
- Enter the keyword and click search icon. The information will display in the list.

Note

User management function may vary with different models. Please refer to the actual product.

5.3 Device Management

You can manage the linked device on the page.
Click **Device Management** to enter the settings page.

+ Add

Import

Export

Delete

Refresh

Status

All

Device Type

All

☐	No.	Device Type	IP Address	Serial No.	Model	Current Version	Floor No.	Room No.	No.	User Name	Network Status	Operation
--------------------------	-----	-------------	------------	------------	-------	-----------------	-----------	----------	-----	-----------	----------------	-----------

Figure 5-3 Device Management

Add Device

- Click **Add** to add the indoor station or sub door station. Enter the parameters and click **OK** to add.
- Click **Import**. Enter the information of the device in the template to import devices in batch.

Export

Click **Export** to export the information to the PC.

Delete

Select the device and click **Delete** to remove the selected device from the list.

Refresh

Click **Refresh** to get the device information.

Optional: Set Device Information.

- Click  to edit device information.
- Click  to delete device information from the list.
- Select **Status** and **Device Type** to search devices.

5.4 Parameters Settings

Click **Configuration** to set the parameters of the device.

Remote configuration in iVMS-4200 and Batch Configuration Tool is the same as that in Web. Here takes the configuration in web for example.



Note

Run the browser, click  → **Internet Options** → **Security** to disable the Protected Mode.

5.4.1 Local Parameters Settings

You can configure the parameters of the live view, record files and captured pictures. The record files and captured pictures are the ones you record and capture by using the web browser. You can also set and view the saving paths of the captured pictures and recorded videos on the PC that running the web browser.

Live View Parameters

Stream Type

☒ Main Stream

☐ Sub-stream

Play Performance

☒ Shortest Delay

☐ Balanced

☐ Fluent

Auto Start Live View

☐ Yes

☒ No

Image Format

☒ JPEG

☐ BMP

Record File Settings

Record File Size

☒ 256M

☐ 512M

☐ 1G

Save record files to

undefined

Open

Picture and Clip Settings

Save snapshots in live view to

undefined

Open

Save

Figure 5-4 Local Parameters

Live View Parameters

Stream Type

Set the stream type as **Main Stream** or **Sub-stream**.

Play Performance

Set the live view performance to **Shortest Delay**, **Balanced** or **Fluent**.

Auto Start Live View

Check **Yes** to enable the function.

Image Format

Select the image format for picture capture.

Click **Save** to enable the settings.

Record File Parameters

Record File Size

Select the packed size of the manually recorded and downloaded video files to **256M**, **512M** or **1G**. After the selection, the maximum record file size is the value you selected.

Save record files to

Set the saving path for the manually recorded video files.

Click **Save** to enable the settings.

Picture and Clip Settings

Save snapshots in live view to

Set the saving path of the manually captured pictures in live view mode.



Note

You can click **Browse** to change the directory for saving the clips and pictures, and click **Open** to open the set folder of clips and picture saving.

Click **Save** to enable the settings.

5.4.2 System Settings

Follow the instructions below to configure the system settings, include System Settings, Maintenance, Security, and User Management, etc.

Click **System** to enter the settings page.

Basic Information

Click **System Settings → Basic Information** to enter the settings page. On the page, you can edit **Device Name** and **Device No.** Set the **Language** and **System Type** according to your needs.

Click **Save** to enable the settings.

Time Settings

Click **System Settings → Time Settings** to enter the settings page. Select the **Time Zone** of your location from the drop-down list.

- Enable **NTP**, set the **Server Address**, **NTP Port** and **Interval**.
- Enable **Manual Time Sync.**, set the time manually or check the **Sync. with computer time**.

Click **Save** to enable the settings.

DST

Click **System Settings → DST** to check **Enable DST**. Set the parameters according to your needs and click **Save** to enable the settings.

About

Click **System Settings → About** and click **Open Source Software Licenses** to view the details.

Maintenance

Click **Maintenance → Upgrade & Maintenance** to enter the settings page.



Reboot

Reboot the device.

Restore Parameters

Export

Import Config. File

Upgrade

Note: The upgrading process will be 1 to 10 minutes, please don't disconnect power to the device during the process. The device reboots automatically after upgrading.

Figure 5-5 Maintenance

- Reboot: Click **Reboot** to reboot the device.

- **Restore**

Click **Restore** to reset all the parameters, except the IP parameters and user information, to the default settings.

Default

Click **Default** to restore all parameters to default settings.

- Export parameters:
 1. Select **Device Parameters**, and click **Export** to pop up the dialog box.
 2. Set and confirm the encryption password.
 3. Click **OK** to export parameters.
- Import Config. File:
 1. Click browse icon to select the configuration file.
 2. Click **Import** and enter the encryption password to import.
- Upgrade: Click browse icon to select the upgrade file.



Note

The upgrading process will last 1 to 10 minutes, do not power off during the upgrading. The device reboots automatically after upgrading.

Security Service

Click **Security** → **Security Service** to enter the settings page. On the page, you can enable SSH according to your actual needs.

Click **Save** to enable the settings.

User Management

Click **User Management** to enter the settings page.

Administrator can edit the permission for the users.



Note

We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

Online Users

Click **User Management** → **Online Users** to enter the page.

 Refresh

No.	User Name	Level	Each IP address' segment should be less than 256. The first segment should be an integer between 1 and 223, and should not be 127. The fourth segment should not be 0 or 255.	User Operation Time
1	admin	Administrator	10.7.112.28	2020-02-27 15:43:23
2	admin	Administrator	10.6.113.103	2020-02-27 18:22:23

Total 2 Items

Figure 5-6 Online Users

Click **Refresh** to get the present information.

Arming/Disarming Information

Click **User Management** → **Arming/Disarming Information** to view the information. Click **Refresh** to get the present information.

5.4.3 Network Settings

TCP/IP Settings

TCP/IP settings must be properly configured before you operate the device over network. The device supports IPv4.

Steps

1. Click **Network** → **Basic Settings** → **TCP/IP** to enter the settings page.

	☐ DHCP
IPv4 Address	192.0.0.65
IPv4 Subnet Mask	255.255.255.0
IPv4 Default Gateway	192.0.0.1
Mac Address	00:40:3e:5a:f2:8c
MTU	1500
DNS Server	
Preferred DNS Server	8.8.8.8
Alternate DNS Server	8.8.4.4
Save	

Figure 5-7 TCP/IP Settings

2. Configure the network parameters.
 - Check **DHCP**, the device will get the parameters automatically.
 - Set the **IPv4 Address**, **IPv4 Subnet Mask** and **IPv4 Default Gateway** manually.
3. Configure the corresponding DNS server parameters.
4. Click **Save** to enable the settings.

Port Settings

Steps

1. Click **Network** → **Basic Settings** → **Port** to enter the settings page.

HTTP Port	80
RTSP Port	554
HTTPS Port	443
Server Port	8000

Save

Figure 5-8 Port Settings

2. Set the ports of the device.

HTTP Port

The default port number is 80, and it can be changed to any port No. which is not occupied.

HTTPS Port

The default port number is 443, and it can be changed to any port No. which is not occupied.

RTSP Port

The default port number is 554.

Server Port

The default server port number is 8000, and it can be changed to any port No. ranges from 2000 to 65535.

3. Click **Save to enable the settings.**

SIP Setting

Steps

- 1. Click **Network** → **Basic Settings** → **SIP** to enter the settings page.**

☒ Enable VOIP Gateway

Register User Name

Registration Password

Server Address

Server Port

Expiry Time minute(s)

Register Status

Number

Display User Name

Save

Figure 5-9 SIP Settings

2. Check **Enable VOIP Gateway**.
3. Configure the SIP parameters.
4. Click **Save** to enable the settings.

FTP Settings

Steps

1. Click **Network** → **Advanced** → **FTP** to enter the settings page.

☒ Enable FTP

Server Type Server IP Address ▼

Server IP Address 0.0.0.0

Port 21

☐ Enable Anonymous

User Name

Password

Directory Structure Save in the child directory ▼

Parent Directory Building No. & Unit No. ▼

Child Directory Time ▼

Picture Naming Rules

Delimiter —

Named Item Option1 ▼

Named Element Time ▼

Save

Figure 5-10 FTP Settings

2. Check **Enable FTP**.
3. Select **Server Type**.
4. Input the **Server IP Address** and **Port**.
5. Configure the FTP Settings, and the user name and password are required for the server login.
6. Set the **Directory Structure**, **Parent Directory** and **Child Directory**.
7. Set the picture naming rules.
8. Click **Save** to enable the settings.

Platform Access

Platform access provides you an option to manage the devices via platform.

Steps

1. Click **Network → Advanced Settings → Platform Access** to enter the settings page.
2. Check the checkbox of **Enable** to enable the function.
3. Select the **Platform Access Mode**.



Note

Hik-Connect is an application for mobile devices. With the App, you can view live image of the device, receive alarm notification and so on.

-
4. Create a **Stream Encryption/Encryption** for the device.



Note

6 to 12 letters (a to z, A to Z) or numbers (0 to 9), case sensitive. You are recommended to use a combination of no less than 8 letters or numbers.

-
5. Click **Save** to enable the settings.

5.4.4 Video & Audio Settings

Video Parameters

Steps

1. Click **Video/Audio → Video** to enter the settings page.

Stream Type	Main Stream	▼
Video Type	Video&Audio	▼
Resolution	1280*720P	▼
Bitrate Type	Variable	▼
Video Quality	Medium	▼
Frame Rate	25	▼
Max. Bitrate	2048	
Video Encoding	H.264	▼
I Frame Interval	50	

fps

Kbps

Save

Figure 5-11 Video Parameters

2. Select the **Stream Type**.
3. Configure the video parameters.

Stream Type

Select the stream type to main stream or sub stream.

Video Type

Select the stream type to video stream, or video & audio composite stream. The audio signal will be recorded only when the **Video Type** is **Video & Audio**.

Resolution

Select the resolution of the video output.

Bitrate Type

Select the bitrate type to constant or variable.

Video Quality

When bitrate type is selected as Variable, 6 levels of video quality are selectable.

Frame Rate

Set the frame rate. The frame rate is to describe the frequency at which the video stream is updated and it is measured by frames per second (fps). A higher frame rate is advantageous when there is movement in the video stream, as it maintains image quality throughout.

Max. Bitrate

Set the max. bitrate from 32 to 16384 Kbps. The higher value corresponds to the higher video quality, but the better bandwidth is required.

Video Encoding

The device supports H.264.

I Frame Interval

Set I Frame Interval from 1 to 400.

4. Click **Save** to save the settings.

Audio Parameters

Steps

1. Click **Video/Audio** → **Audio** to enter the settings page.

Stream Type: Main Stream

Audio Encoding: G.711ulaw

Input Volume: 7

Output Volume: 7

Speak Volume: 7

Save

Figure 5-12 Audio Settings

2. Configure the stream type and the audio encoding type.

Stream Type

Select the stream type to main stream or sub stream.

Audio Encoding

The device support G.711ulaw and G.711 alaw.

3. Adjust the **Input Volume**, **Output Volume** and **Speak Volume**.



Note

Available range of volume: 0 to 10.

- Click **Save** to save the settings.

5.4.5 Image Settings

Display Settings

Configure the image adjustment, backlight settings and other parameters in display settings.

Steps

- Click **Image** → **Display Settings** to enter the display settings page.

Video Standard PAL(50HZ) ▼

WDR Disable ▼

Basic Parameter

Image Adju... Brightness 50

Day/Night S... Contrast 50

Backlight Saturation 50

Sharpness 50

Figure 5-13 Display Settings

- Select the **Format**.
- Set the display parameters.

WDR

Wide Dynamic Range can be used when there is a high contrast of the bright area and the dark area of the scene.

Brightness

Brightness describes bright of the image, which ranges from 1 to 100.

Contrast

Contrast describes the contrast of the image, which ranges from 1 to 100.

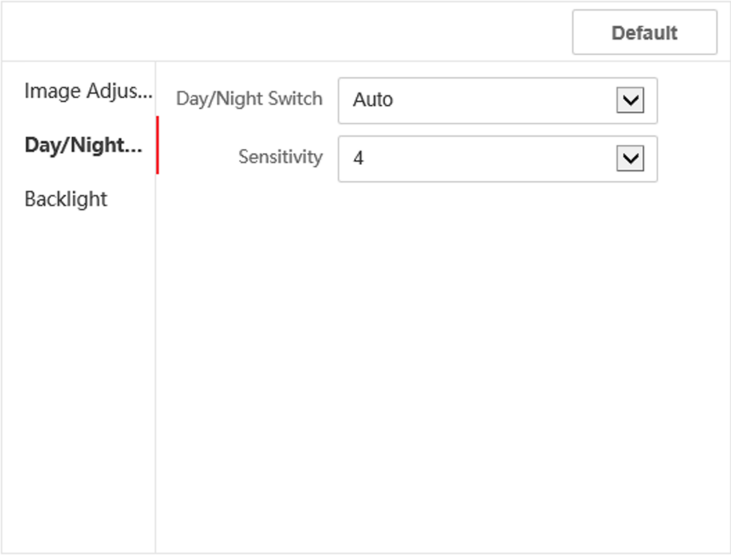
Saturation

Saturation describes the colorfulness of the image color, which ranges from 1 to 100.

Sharpness

Sharpness describes the edge contrast of the image, which ranges from 1 to 100.

4. Set the **Day/Night Mode**.



		Default
Image Adjus...	Day/Night Switch	Auto
Day/Night...	Sensitivity	4
Backlight		

Figure 5-14 Day/Night Mode

- Set **Day Mode** or **Night Mode** manually.
- Set the mode as **Auto** and edit the sensitivity according to your needs.
- Set the mode as **Scheduled-Switch**. Set the start time and end time.



Note

Daytime is from configured start time to configured time. The rest of the time is set as night by default.

5. Set the backlight parameters.

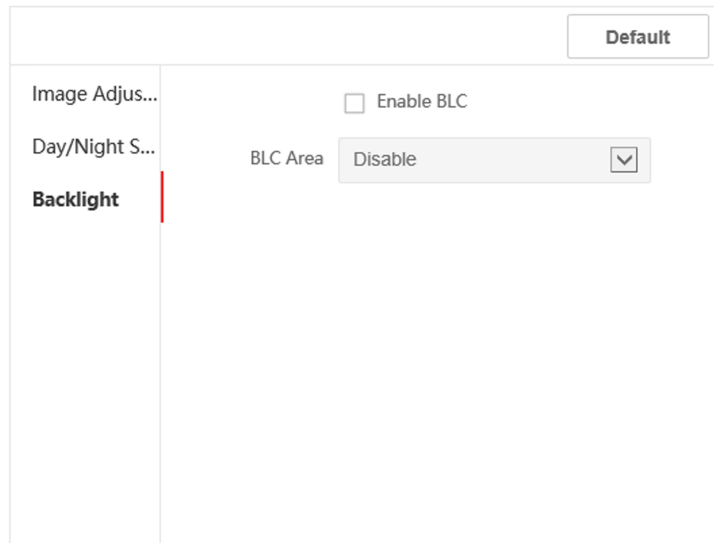


Figure 5-15 Backlight

- 1) Check the checkbox to enable BLC.
- 2) Select **BLC Area**.
6. Click **Save** to enable the settings.

OSD Settings

You can customize the camera name, time/date format, display mode, and OSD size displayed on the live view.

Steps

1. Click **Image → OSD Settings** to enter the settings page.
2. Check the corresponding checkbox to select the display of camera name, date or week if required.
3. Edit the **Camera Name**.
4. Select from the drop-down list to set the **Time Format** and **Date Format**.
5. Adjust the OSD position.
6. Click **Save** to enable the settings.

Target Cropping

Steps

1. Click **Image → Crop** to enter the page.
2. Check **Enable Target Cropping** to enable the function.
3. Click  to capture photo.
4. Click  to start recording.

5. Select **Cropping Resolution**.

6. Click **Save**.



Note

- You can select **Cropping Resolution** as **704*576**, **1280*720**, or **1920*1080**.
 - You can zoom in or zoom out the image by selecting **Cropping Resolution** after clicking **Save**.
-

5.4.6 Event Settings

Motion Detection

Motion detection detects the moving objects in the configured security area, and a series of actions can be taken when the alarm is triggered.

Steps

1. Click **Event** → **Motion** to enter the settings page.

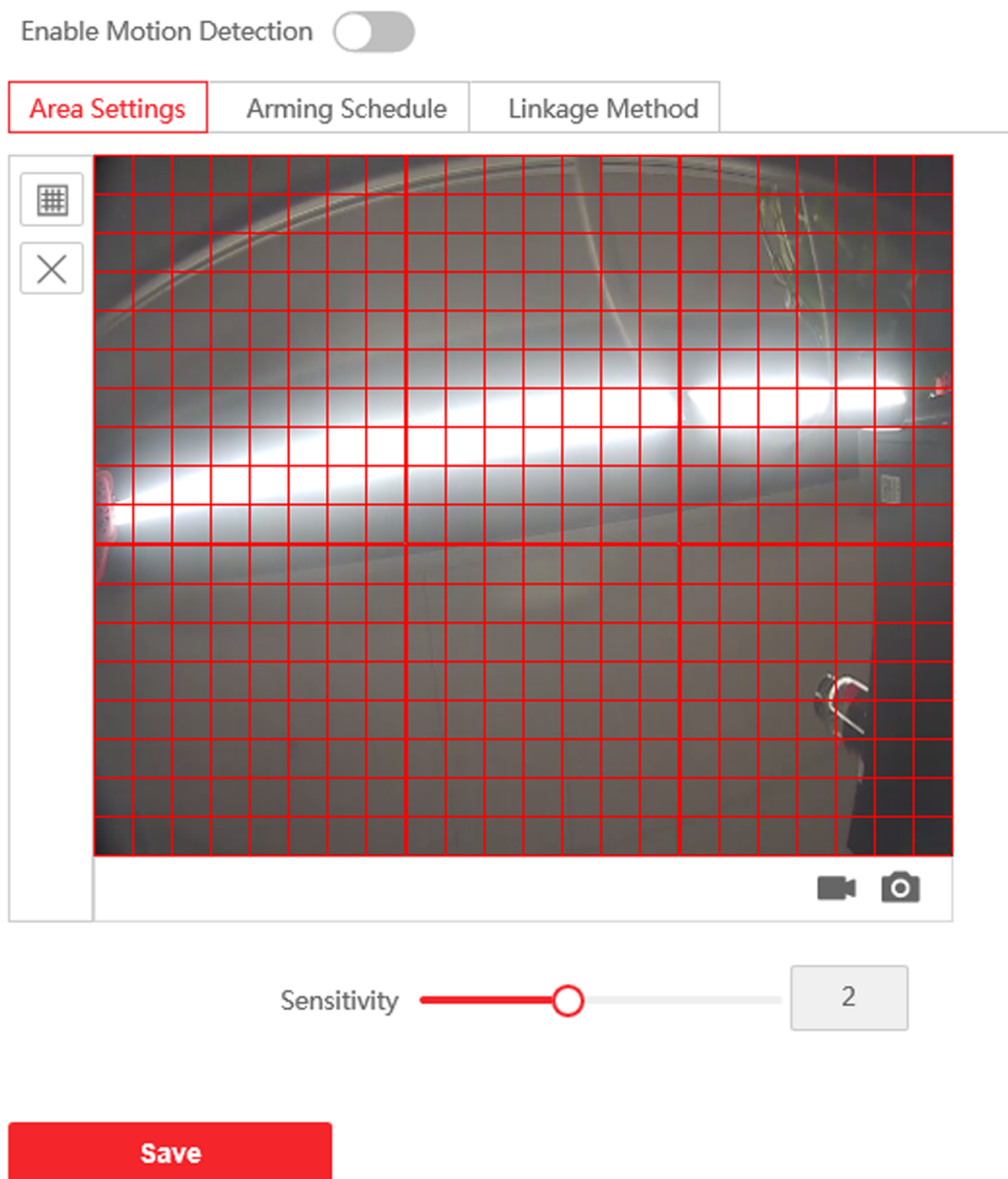


Figure 5-16 Motion Detection

2. Slide **Enable Motion Detection** to enable the function.
3. Click **Draw Area**. Click and drag the mouse on the live video to draw a motion detection area. Click **Save** to save the settings.

Clear Area Click **X** to clear all of the areas.

Adjust Sensitivity Move the slider to set the sensitivity of the detection.

4. Click **Arming Schedule** to edit the arming schedule.

5. Click on the time bar and drag the mouse to select the time period. Click **Save** to save the settings.

Delete Schedule Click **Delete** to delete the current arming schedule.

6. Click **Linkage Method** to enable the linkages.

Notify Security Center

Send an exception or alarm signal to the remote management software when an event occurs.

7. Click **Save** to enable the settings.

Event Linkage

Steps

1. Click **Event** → **Basic Event** → **Event Linkage** to enter the settings page.

Major Type Device Event ▼

Minor Type Tampering Alarm ▼

☒ **Normal Linkage**

☒ Notify Surveillance Center

Save

Figure 5-17 Event Linkage

2. Select the **Major Type** as **Device Event** or **Door Event**.
3. Select the type of the **Normal Linkage** for the event.
4. Click **Save** to enable the settings.

5.4.7 Schedule Settings

You can create call schedule, or else the device will call indoor station all day by default.

Steps

1. Click **Schedule → Video Intercom → Call Schedule**.
2. Click the next row below **Enable Indoor Station All Day by Default**.
3. Enter **Schedule Name**.
4. Select **Call Type**.
5. Set **Weekly Schedule**.
 - 1) Click **Weekly Schedule**.

Schedule Name

Call Type ☒ Indoor Station ☐ Center

Time Settings **Weekly Schedule** Holiday Schedule

✕ Delete  Delete All

Mond...	0	2	4	6	8	10	12	14	16	18	20	22	24
Tuesd...	0	2	4	6	8	10	12	14	16	18	20	22	24
Wedn...	0	2	4	6	8	10	12	14	16	18	20	22	24
Thurs...	0	2	4	6	8	10	12	14	16	18	20	22	24
Friday	0	2	4	6	8	10	12	14	16	18	20	22	24
Satur...	0	2	4	6	8	10	12	14	16	18	20	22	24
Sunday	0	2	4	6	8	10	12	14	16	18	20	22	24

Figure 5-18 Weekly Schedule

- 2) Drag mouse to set the schedule according to the actual needs.
- 3) **Optional:** Click the copy icon to copy the schedule to other days according to the actual needs.
- 4) Click **Save**.
6. Set **Holiday Schedule**.
 - 1) Click **Holiday Schedule**.

Schedule Name

Call Type ☒ Indoor Station ☐ Center

Time Settings Weekly Schedule **Holiday Schedule**

+ Add Clear

No.	Start Time	End Time	Time Period	Operation
-----	------------	----------	-------------	-----------

Figure 5-19 Holiday Schedule

- 2) Click **Add**.
- 3) Set **Start Time** and **End Time**.
- 4) Select **Call Type**.
- 5) Drag mouse to set the schedule according to the actual needs.
- 6) Click **OK**.
- 7) You can edit or delete the schedule according to the actual needs.
- 8) Click **Save**.

Note

The holiday schedule have higher priority than weekly schedule when you set the two schedule at the same time.

5.4.8 Intercom Settings

Device No. Settings

Steps

- 1. Click **Device No.** to enter the page.

Device Type

Building No.

Floor No.

Door Station No.

Advanced Settings ⌵

Community No.

Unit No.

Save

Figure 5-20 Villa Door Station No. Settings

2. Select the device type from the drop-down list, and set the corresponding information including **Building No.**, **Floor No.**, **Door Station No.**, **Community No.** and **Unit No.**

 Note

When you select **Doorphone** as **Device Type**, only **Community No.**, **Building No.** and **Unit No.** can be set.

3. Click **Save** to enable the device number configuration.

 Note

- For main door station (D series or V series), the No. is 0.
- For sub door station (D series or V series), the No. cannot be 0. The No. of sub door station ranges from 1 to 99.
- For each villa or building, at least one main door station (D series or V series) should be configured, and one sub door stations (D series or V series) can be customized.
- For one main door station (D series or V series), up to 8 sub door stations can be configured.

Linked Network Settings

Steps

1. Go to **Intercom** → **Session Settings** to enter the settings page.
2. Set **Register Number** and **Registration Password**.
3. Set **Main Station IP** and **VideoIntercom Server IP**.

- 4. Enable Protocol 1.0.
- 5. Click **Save** to enable the settings.

Time Parameters

Go to **Intercom → Time Parameters** to enter the page.
Configure **Max. Call Duration**, **Max. Message Duration**, **Max. Ring Duration**, and click **Save**.

 Note

- Max. call duration between the module indoor station and client ranges from 90 s to 120 s. The call will end automatically when the actual calling duration is longer than the configured one.
- Max. message duration ranges from 30 s to 60 s. The message will end automatically when the actual message duration is longer than the configured one.
- Max. ring duration refers to the maximum duration of the module indoor station when it is called without being accepted. Max. ring duration ranges from 65 s to 255 s.

Ring-Back Tone Settings

Click **Intercom → Ringbacktone Settings** to enter the settings page.
Click **Add** to select the ring tone from PC.

 Note

Available Audio Format: WAV、AAC, Size: Less than 600 KB, Sample Rate: 8000Hz, Mono.

Press Button to Call

Steps

- 1. Go to **Intercom → Press Button to Call** to enter the settings page.

Press Button to Call

No.	Button Settings	Link Time Schedule
01	1	Enable Indoor Station All Day by ☐

Save

Figure 5-21 Press Button to Call

- 2. Edit room No. in the button settings and select **Link Time Schedule**.

 Note

- The number of buttons may vary with different models. Please refer to the actual product.
- The schedule settings refers to **Schedule Settings** for details.

3. Click **Save** to enable the settings.

Number Settings

Link the room No. and SIP numbers.

Click **Number Settings** to enter the page.



+ Add Delete			
☐	No.	Room No.	SIP Number
			Operation

Figure 5-22 Number Settings

Click **Add**, set the **Room No.** and SIP numbers in the pop-up dialog box.

5.4.9 Access Control Settings

Door Parameters

Steps

1. Click **Access Control** → **Door Parameters** to enter the settings page.

Door No.

Name

Open Duration s

Door Contact ☒ Remain Closed ☐ Remain Open

Save

Figure 5-23 Door Parameters

2. Select the door and edit the door name.
3. Edit **Open Duration**.
4. Set door contact status.
5. Click **Save** to enable the settings.

Elevator Control

Before You Start

- Make sure your door station is in the mode of main door station. Only the main door station support elevator control function.
- Make sure your door station has been connected to the elevator controller via RS-485 wire if you want to use RS-485 interface.

Steps

1. Click **Access Control** → **Elevator Control** to enter the corresponding configuration page.

☐ Enable elevator control

Elevator No.

Elevator Controller Type

Interface Type

Negative Floor Capacity

Alarm Receiver Type

Server IP Address

Port

User Name

Password

Save

Figure 5-24 Elevator Control

2. Check to enable elevator control function.
3. Select an Elevator No., and select an elevator controller type for the elevator.
4. Set the Negative Floor.
5. Select the Interface Type as RS-485 or Network Interface. And enable the elevator control.
 - If you select RS-485, make sure you have connected the door station to the elevator controller with RS-485 wire.
 - If you select Network interface, enter the elevator controller's IP address, port No., user name, and password.
6. Click **Save** to enable the settings.



Note

- Up to 4 elevator controllers can be connected to one door station.
 - Up to 10 negative floors can be added.
 - Make sure the interface types of elevator controllers, which are connected to the same door station are consistent.
-

Chapter 6 Configuration via Client Software

6.1 Device Management

Device management includes device activation, adding device, editing device, and deleting device, and so on.

After running the iVMS-4200, video intercom devices should be added to the client software for remote configuration and management.

6.1.1 Add Online Device

Before You Start

Make sure the device to be added is in the same subnet with your computer. Otherwise, please edit network parameters first.

Steps

1. Click **Online Device** to select an active online device.
2. Click **Add**.
3. Enter corresponding information, and click **Add**.

Add ✕

Adding Mode

☒ IP/Domain ☐ IP Segment ☐ Cloud P2P
☐ EHome ☐ HiDDNS ☐ Batch Import

Add Offline Device

☐

* Name

10.6.112.48

* Address

10.6.112.48

* Port

8000

* User Name

admin

* Password

●●●●●●●●

Synchronize Time

☒

Import to Group

☒

i

Set the device name as the group name and add all the channels connected to the device to the group.

Add and New

Add

Cancel

Figure 6-1 Add to the Client

6.1.2 Add Device by IP Address

Steps

1. Click **+Add** to pop up the adding devices dialog box.
2. Select **IP/Domain** as **Adding Mode**.
3. Enter corresponding information.
4. Click **Add**.

6.1.3 Add Device by IP Segment

You can add many devices at once whose IP addresses are among the IP segment.

Steps

1. Click **+Add** to pop up the dialog box.
2. Select **IP Segment** as **Adding Mode**.
3. Enter corresponding information, and click **Add**.

6.2 Live View via Door Station

Steps

1. On the main page of the client software, click **Main View** to enter the Live View page.
2. In the left list of the window, double-click the device IP or click the play icon to live view.
3. **Optional:** On the Live View page, control-click and select **Capture** to get the picture of the live view.

6.3 Organization Management

On the main page of the Client Software, click  **Personal Management** to enter the configuration page.

6.3.1 Add Organization

Steps

1. In the organization list on the left, click **+Add**.
2. Enter the **Organization Name** as desired.
3. Click **OK** to save the adding.
4. **Optional:** You can add multiple levels of organizations according to the actual needs.
 - 1) You can add multiple levels of organizations according to the actual needs.
 - 2) Then the added organization will be the sub-organization of the upper-level organization.



Note

Up to 10 levels of organizations can be created.

6.3.2 Modify and Delete Organization

You can select the added organization and click  to modify its name.

You can select an organization, and click **X** button to delete it.



Note

- The lower-level organizations will be deleted as well if you delete an organization.
 - Make sure there is no person added under the organization, or the organization cannot be deleted.
-

6.4 Person Management

After adding the organization, you can add person to the organization and manage the added person such as issuing cards in batch, importing and exporting person's information in batch, etc.



Note

- Up to 2,000 persons can be added.
 - Up to 5 cards can be added to each person.
-

6.4.1 Add Person

Person information is necessary for the video intercom system. And when you set linked device for the person, the intercom between intercom devices can be realized.

Steps

1. Select an organization in the organization list and click **Add** on the Person panel to pop up the adding person dialog.
-



Note

The Person No. will be generated automatically and is editable.

2. Set basic person information.
 - 1) Enter basic information: name, tel, birthday details, effective period and email address.
-



Note

The length of person name should be less than 15 characters.

- 2) Click **Add** face to upload the photo.
-

Note

The picture should be in *.jpg format.

Click Upload Select the person picture from the local PC to upload it to the client.

Click Take Phone Take the person's photo with the PC camera.

Click Remote Collection Take the person's photo with the collection device.

3. Issue the card for the person.

- 1) Click **Credential → Card**.
- 2) Click **+** to pop up the Add Card dialog.
- 3) Select **Normal Card** as **Card Type**.
- 4) Enter the **Card No.**
- 5) Click **Read** and the card(s) will be issued to the person.

4. Link the device to the person.

- 1) Set the linked devices.

Linked Device

You can bind the indoor station to the person.

Note

If you select **Analog Indoor Station** in the Linked Device, the **Door Station** field will display and you are required to select the door station to communicate with the analog indoor station.

Room No.

You can enter the room No. of the person.

- 2) Click **OK** to save the settings.

5. Click **Add** to save the settings.

6.4.2 Modify and Delete Person

Select the person and click **Edit** to open the editing person dialog.

To delete the person, select a person and click **Delete** to delete it.

Note

If a card is issued to the current person, the linkage will be invalid after the person is deleted.

6.4.3 Change Person to Other Organization

You can move the person to another organization if needed.

Steps

1. Select the person in the list and click **Change Organization**.
2. Select the organization to move the person to.
3. Click **OK** to save the settings.

6.4.4 Import and Export Person Information

The person information can be imported and exported in batch.

Steps

1. Exporting Person: You can export the added persons' information in Excel format to the local PC.
 - 1) After adding the person, you can click **Export Person** to pop up the following dialog.
 - 2) Click ... to select the path of saving the exported Excel file.
 - 3) Check the checkboxes to select the person information to export.
 - 4) Click **OK** to start exporting.
2. Importing Person: You can import the Excel file with persons information in batch from the local PC.
 - 1) Click **Import Person**.
 - 2) You can click **Download Template for Importing Person** to download the template first.
 - 3) Input the person information to the downloaded template.
 - 4) Click ... to select the Excel file with person information.
 - 5) Click **OK** to start importing.

6.4.5 Get Person Information from Device

If the added device has been configured with person information (including person details, fingerprint, issued card information), you can get the person information from the device and import to the client for further operation.

Steps



Note

This function is only supported by the device the connection method of which is TCP/IP when adding the device.

1. In the organization list on the left, click to select an organization to import the persons.
2. Click **Get from Device** to pop up the dialog box.
3. The added device will be displayed.
4. Click to select the device and then click **Get** to start getting the person information from the device.



Note

- The person information, including person details, person's fingerprint information (if configured), and the linked card (if configured), will be imported to the selected organization.
 - If the person name stored in the device is empty, the person name will be filled with the issued card No. after importing to the client.
-

6.4.6 Issue Card in Batch

You can issue multiple cards for the person with no card issued in batch.

Steps

1. Click **Batch Issue Cards** to enter the dialog page. All the added person with no card issued will display in the Person(s) with No Card Issued list.

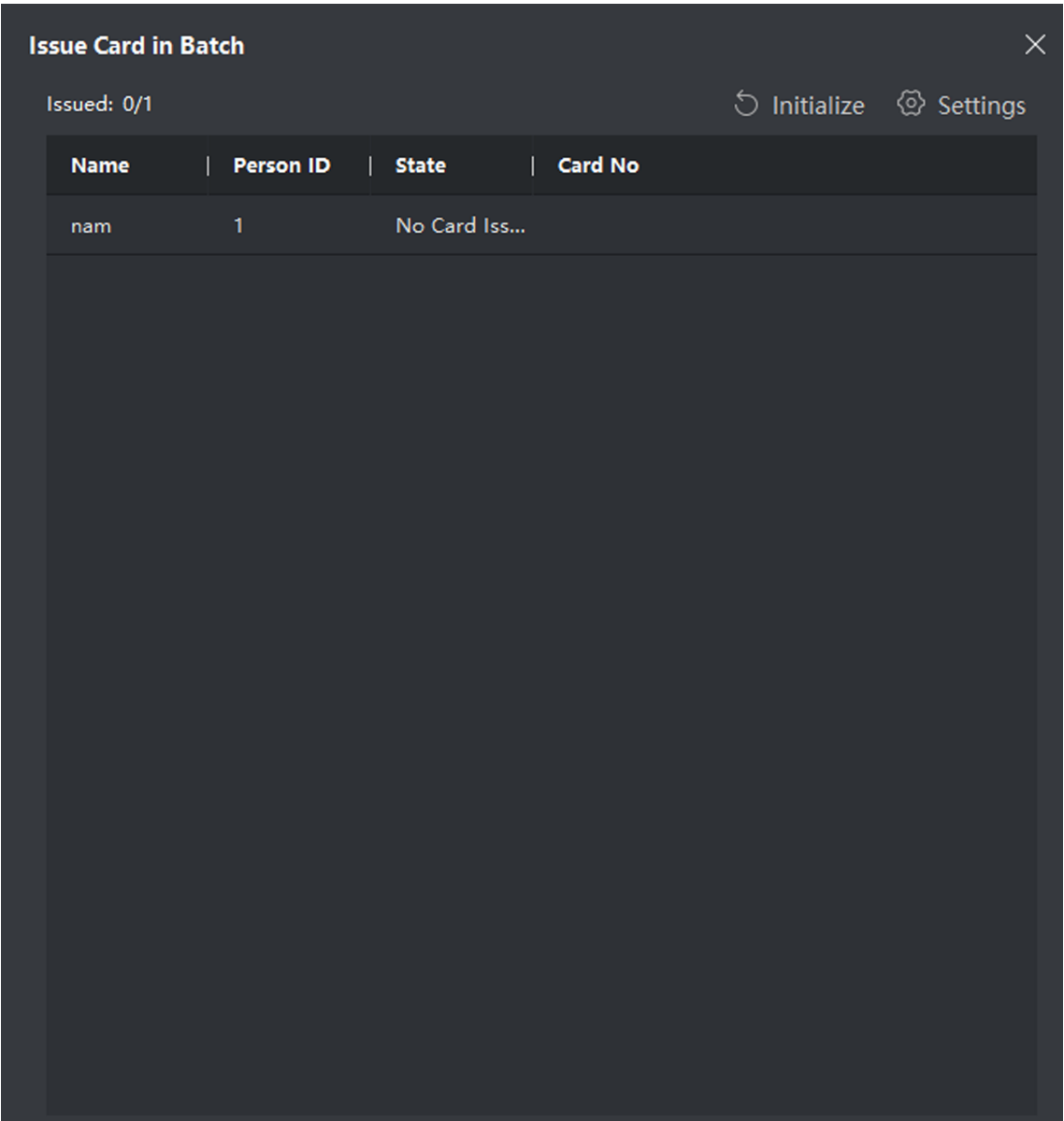
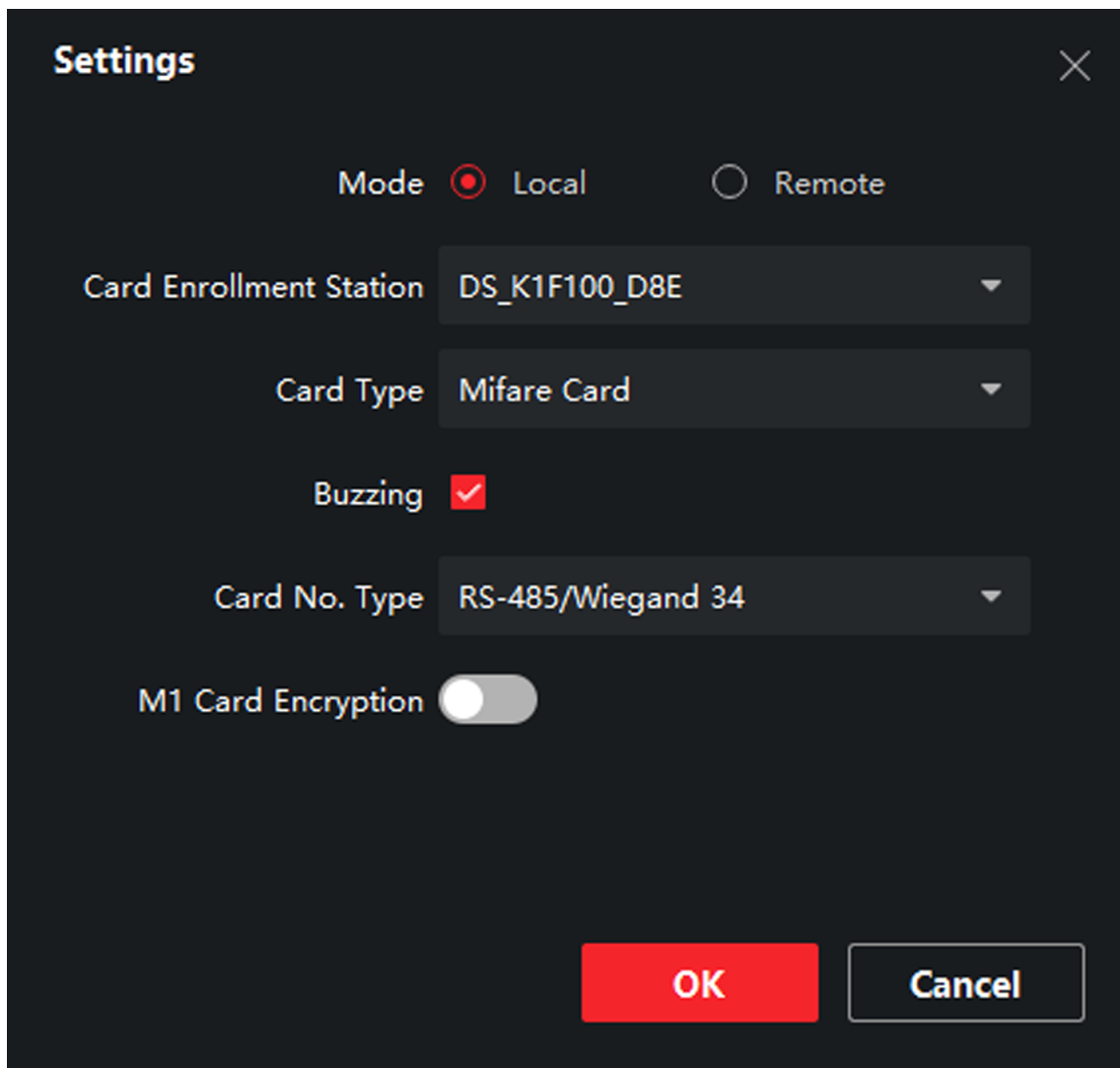


Figure 6-2 Issue Card in Batch

2. Click **Settings**.



The screenshot shows a 'Settings' dialog box with a dark background. At the top left is the title 'Settings' and at the top right is a close button 'X'. Below the title, there are two radio buttons for 'Mode': 'Local' (selected with a red dot) and 'Remote'. Under 'Mode', there are two dropdown menus: 'Card Enrollment Station' set to 'DS_K1F100_D8E' and 'Card Type' set to 'Mifare Card'. Below these, there is a 'Buzzing' checkbox which is checked with a red checkmark. Then, there is another dropdown menu for 'Card No. Type' set to 'RS-485/Wiegand 34'. At the bottom left, there is a toggle switch for 'M1 Card Encryption' which is currently turned off. At the bottom right, there are two buttons: a red 'OK' button and a white 'Cancel' button with a grey border.

Figure 6-3 Card Settings

3. Select **Card Type** and **Card No. Type**.
4. Click **OK** to save the settings.

Result

After issuing the card to the person, the person and card information will display in the Person(s) with Card Issued list.

6.4.7 Permission Settings

Add Permissions

Steps

1. On the main page, click  **AccessControlInfo** → **Access Group** to enter the page.
2. Click **+Add** to pop up the adding dialog box.
3. Configure the parameters.
 - 1) Enter the **Name** of the permission.
 - 2) Select the **Template** of the schedule.
 - 3) Check the person to **Selected** according to your needs.
 - 4) Check the device to **Selected** according to your needs.
4. Click **Save**.
5. Check the permission and click **Apply All to Device**.

The status of the permission displays as **Applied**.
6. **Optional:** Click **Applying Status** to check the details.

Modify/Delete Permissions

On the page of the permission settings, click  to edit the parameters of the permission.
Select one or more permissions, click **Delete** to remove the permissions.

6.5 Video Intercom Settings

The Video Intercom Management module provides the function of video intercom, checking call logs and managing notice via the iVMS-4200 Client Software.



Note

For the user with access control module permissions, the user can enter the Access Control module and manage video intercom and search information.

You should add the device to the software and configure the person to link the device in Access Control module before your configuration remotely.

On the main page, click  **AccessControlInfo** → **Video Intercom** → **Video Intercom** on the left bar to enter the Video Intercom page.

6.5.1 Receive Call from Door Station

Steps

1. Select the client software in the page to start calling the client and an incoming call dialog will pop up in the client software.
2. Click **Answer** to answer the call. Or click **Hang Up** to decline the call.
3. After you answer the call, you will enter the In Call page.

Adjust the Volume of Loudspeaker

Click  to adjust the volume of loudspeaker.

Hang Up

Click **Hang Up** to hang up.

Adjust the Volume of Microphone

Click  to adjust the volume of microphone.

Unlock Remotely

For door station, you can click  to open the door remotely.



Note

- One video intercom device can only connect with one client software.
 - The maximum ring duration can be set from 15s to 60s via the Remote Configuration of the video intercom device.
 - The maximum speaking duration between indoor station and iVMS-4200 can be set from 120s to 600s via the Remote Configuration of indoor station.
 - The maximum speaking duration between door station and iVMS-4200 can be set from 90s to 120s via the Remote Configuration of door station.
-

6.5.2 Release Notice

You can create different types of notices and send them to the residents. Four notice types are available, including Advertising, Property, Alarm and Notice Information.

Before You Start

Make sure the person has been added to the client.

Steps

1. On the video intercom settings page, click **Notice** to enter the page.
2. Click **+Add** to pop up the adding dialog box.
3. Select the person according to your needs.
4. Edit the **Subject**, **Type** and **Information**.
5. Click **View** to select the picture.
6. Click **Send**.



Note

- Up to 63 characters are allowed in the Subject field.
- Up to 6 pictures in the JPGE format can be added to one notice. And the maximum size of one picture is 512KB.
- Up to 1023 characters are allowed in the Information field.

6.5.3 Search Video Intercom Information

Search Call Logs

Steps

1. On the Video Intercom page, click **Call Log** to enter the page.

Figure 6-4 Search Call Logs

2. Set the search conditions, including call status, device type, start time and end time.

Call Status

Click ▼ to unfold the drop-down list and select the call status as **Dialed**, **Received** or **Missed**.
Or select **All** to search logs with all statuses.

Device Type

Click ▼ to unfold the drop-down list and select the device type as **Indoor Station**, **Door Station**, **Outer Door Station** or **Analog Indoor Station**. Or select **All Devices** to search logs with all device types.

Start Time/End Time

Click the time icon to specify the start time and end time of a time period to search the logs.

Reset the Settings Click **Reset** to reset all the configured search conditions.

3. Click **Search** and all the matched call logs will display on this page.
4. **Optional:** Check the detailed information of searched call logs, such as call status, ring/speaking duration, device name, resident organization, etc.
5. **Optional:** Input keywords in the Search field to filter the desired log.
6. **Optional:** Click **Export** to export the call logs to your PC.

Search Notice

Steps

1. On the Video Intercom page, click **Notice** to enter the page.
2. Set the search conditions, including notice type, start time and end time.

Type

Select **Advertising Information**, **Property Information**, **Alarm Information** or **Notice Information** as **Type** according to your needs.

Start Time/End Time

Click the time icon to specify the start time and end time of a time period to search the logs.

Reset the Settings Click **Reset** to reset all the configured search conditions.

3. Click **Search** and the matched notice will display on this page.
4. **Optional:** Click **Export** to export the notices to your PC.

6.5.4 Upload Armed Information

Steps

1. On the main page, click upper right  → **Tool** → **DeviceGuard** to enter the page.
2. Enable to arm or disarm the device.



Note

- While device has been added to the client software, the device armed by default.
- When the device is armed, the alarm logs upload to the client software automatically.
- Click **Alarm Application** → **Event Search** to search the alarm logs.

-
3. **Optional:** Click **Arm All** or **Disarm All** to arm or disarm all the device.

Appendix A. Communication Matrix and Device Command

Communication Matrix

Scan the following QR code to get the device communication matrix.

Note that the matrix contains all communication ports of Hikvision access control and video intercom devices.



Figure A-1 QR Code of Communication Matrix

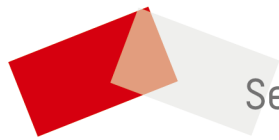
Device Command

Scan the following QR code to get the device common serial port commands.

Note that the command list contains all commonly used serial ports commands for all Hikvision access control and video intercom devices.



Figure A-2 Device Command



See Far, Go Further



Video Intercom Indoor Station

Operation Guide

Legal Information

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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Other trademarks and logos mentioned are the properties of their respective owners.

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Note	Provides additional information to emphasize or supplement important points of the main text.

Safety Instruction

Warning

- The working temperature of the device is from -10 °C to 55 °C.
- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
- Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.
- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
- Please make sure that the power has been disconnected before you wire, install or dismantle the device.
- When the product is installed on wall or ceiling, the device shall be firmly fixed.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

Caution

- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- The device cover for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.

- Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
- Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
- Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- Input voltage should meet both the SELV and the Limited Power Source according to 60950-1 standard.
- The power supply must conform to LPS. The recommended adaptor models and manufacturers are shown as below. Use the attached adapter, and do not change the adaptor randomly.

Model	Manufacturer	Standard
ADS-24S-12 1224GPCN	SHENZHEN HONOR ELECTRONIC CO.,LTD	CEE
G0549-240-050	SHENZHEN GOSPELL DIGITAL TECHNOLOGY CO.,LTD	CEE
TS-A018-120015Ec	SHENZHEN TRANSIN TECHNOLOGIES CO., LTD	CEE

Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, RE Directive 2014/53/EU, the RoHS Directive 2011/65/EU



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Contents

1 About this Manual	1
2 Local Operation	2
2.1 Call Settings	2
2.1.1 Add Contact	2
2.1.2 Call Resident	2
2.1.3 Call Indoor Extension/Indoor Station	3
2.1.4 Receive Call	4
2.1.5 View Call Logs	4
2.2 Leave Message	5
2.3 Live View	5
2.4 Arm/Disarm	6
2.4.1 Arm Room	6
2.4.2 Disarm Room	7
2.5 Arming Mode Settings	8
2.6 Call Elevator	9
2.7 Relay Settings	10
2.8 Information Management	10
3 Remote Operation via the client software	12
3.1 Call Indoor Station	12
3.2 Receive Call from Indoor Station/Door Station	13
3.3 View Live Video of Door Station and Outer Door Station	13
3.4 View Call Logs	14

3.5 Release Notice	14
3.6 Search Video Intercom Information	17
3.6.1 Search Call Logs	17
3.6.2 Search Notice	18
A. Communication Matrix and Device Command	21

1 About this Manual

Get the manual and related software from or the official website (<http://www.hikvision.com>).

Product	Model
Network Indoor Station	DS-KH8520-WTE1/DS-KH6320-WTE1/DS-KH6320-TE1/DS-KH6320-WTE2/DS-KH8350-TE1/DS-KH8350-WTE1

Scan the QR code to get the configuration guide for detailed information.



Scan the QR code to get the operation guide for detailed information.



2 Local Operation

2.1 Call Settings

2.1.1 Add Contact

Steps

1. Tap **Call** →  to enter the contact list page.

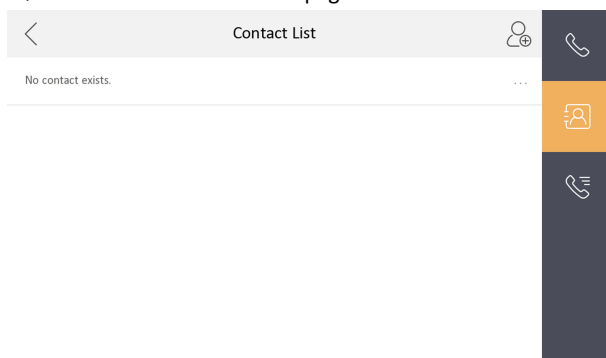


Figure 2-1 Contact List

2. Tap  to pop up the contact adding dialog.
3. Enter contact information.
 - If you adopt private SIP protocol, enter the contact name and the room No.
 - If you adopt standard SIP protocol, enter the contact name and the phone number of VOIP account.
4. Tap **OK** to save the settings.

Note

Up to 200 contacts can be added.

2.1.2 Call Resident

Steps

Note

Only when the Call Management Center function is enabled, should the call center button be displayed. For details, see the configuration guide.

1. Tap **Call** →  to enter the residents calling page.

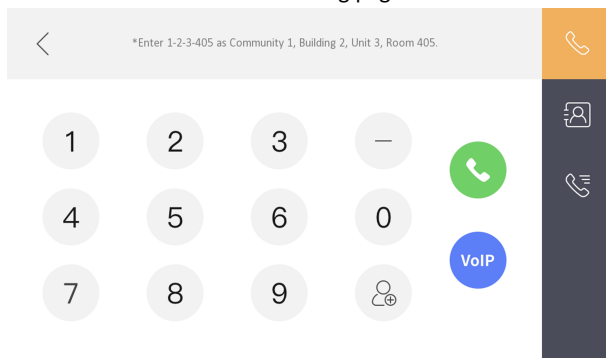


Figure 2-2 Call Resident

2. Enter the calling number.
 - When you adopt private SIP protocol, the calling number format should be x-x-xxx. For example, the calling number of Community 1, Building 2, Unit 3, and Room 405 is 1-2-3-405.

Note

The community No. can be omitted.

- When you adopt standard SIP protocol, the calling number should be the phone number of VOIP account.
3. Tap the call button to start an audiovisual call.

Note

When you adopt standard SIP protocol, you should tap **VoIP** to make the call.

2.1.3 Call Indoor Extension/Indoor Station

If you install indoor station and indoor extensions at home, you can call the indoor extension via your indoor station, and vice versa.

Enter 【0-indoor extension No.】 on the indoor station to start calling.

Enter 【0-0】 to call the indoor station from the indoor extension.

2.1.4 Receive Call

The indoor station and indoor extension can receive calls from the door station, the main station or iVMS-4200 Client.

On the call from door station interface, there are 2 unlock buttons: Unlock 1, and Unlock 2. When you tap **Unlock 1**, the building gate will open by default, and when you tap **Unlock 2**, the door connected to the door station with the secure control door unit will open.

Tap the capture button to capture the live view picture when speaking with the door station. And prompts "Captured" will display on the screen.

Indoor extension can receive calls from the door station and the main station only.

2.1.5 View Call Logs

Steps

1. Tap **Call** →  to enter the call log page.

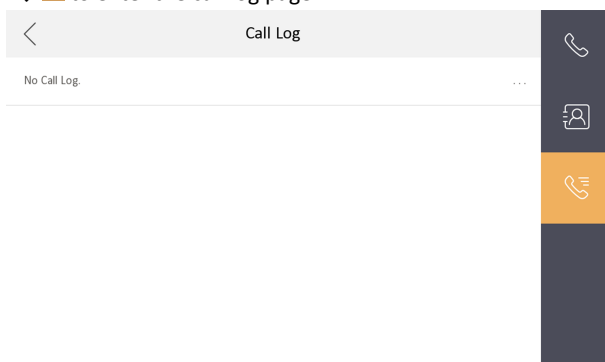


Figure 2-3 Call Logs

2. Tap a piece of call logs in the list to call back.

 Note

- Indoor extension does not support this function.
 - The indoor station saves call logs from door station, outer door station, management center and other indoor stations.
 - Hold a piece of call logs to open the call logs handling menu. Tap **Delete** to delete the piece of call logs. Tap **Clear** to delete all pieces of call logs.
-

2.2 Leave Message

You can set leave message, and view the messages.

Tap **Settings** →  → **Shortcut Settings** , and enable **Leave Message**.

Tap **Message** to view the messages.

2.3 Live View

On the live view page, you can view the live video of added door station and network camera.

Steps

 Note

- Make sure the network camera or door station is well-connected.
 - Make sure the indoor extension and the indoor station are well-connected.
-

1. Tap **Live View** to enter the live view page.

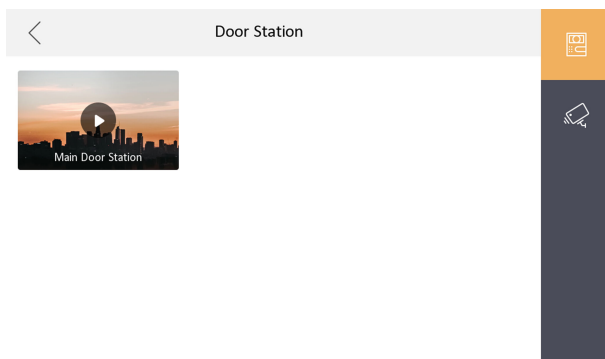


Figure 2-4 Live View

2. Tap  to enter the live view page of door station.

 Note

- On the Call from Door Station page, there are 2 unlock buttons: Unlock 1, and Unlock 2. When you tap **Unlock 1**, the building gate will open by default. When you tap **Unlock 2**, the door station connected door will open.
 - On the Call from Door Station page, there are 1 capture button. You can tap the button to capture the picture via door station.
-

3. Tap  to enter the live view page of network cameras.

2.4 Arm/Disarm

The indoor station has four kinds of scene modes: sleeping mode, stay mode, away mode, and custom mode. You can arm or disarm your room in each scene mode manually. The selected scene mode will be displayed on the main page of the indoor station.

 Note

You should create an Arm/Disarm Password first.

2.4.1 Arm Room

Steps

Note

Only when the Alarm shortcut function is enabled, should the call center button be displayed. For details, see the configuration guide.

1. Tap  on the home page to enter the scene page.

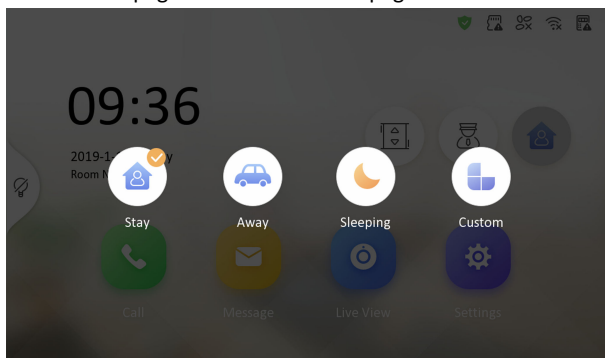


Figure 2-5 Arm Settings page

2. Select **Stay**, **Away**, **Sleeping** or **Custom**.
3. Enter the arm/disarm password to enable the scene.

Note

You can set the arm/disarm password in the general settings. For details, see the configuration guide.

4. Tap **OK**.

Note

You can also tap  → **One-Push to Arm** at the upper right corner of the home page to enable the scene.

2.4.2 Disarm Room

Steps

1. Tap  → **One-Push to Disarm** at the upper-right corner of the home page to disarm.

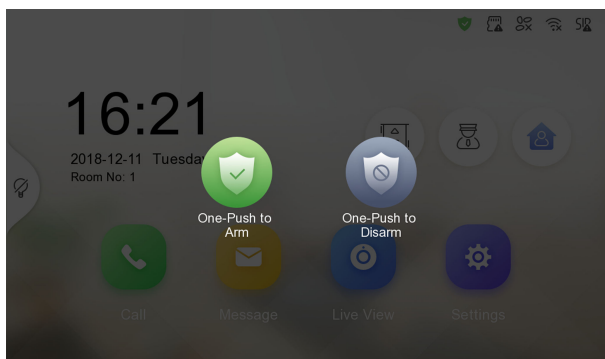


Figure 2-6 Disarm Room

2. Enter the arm/disarm password.

 Note

You can set the arm/disarm password in the general settings. For details, see the configuration guide.

3. Tap OK.

2.5 Arming Mode Settings

4 arming modes can be configured: stay mode, away mode, sleeping mode and custom mode.

Before You Start

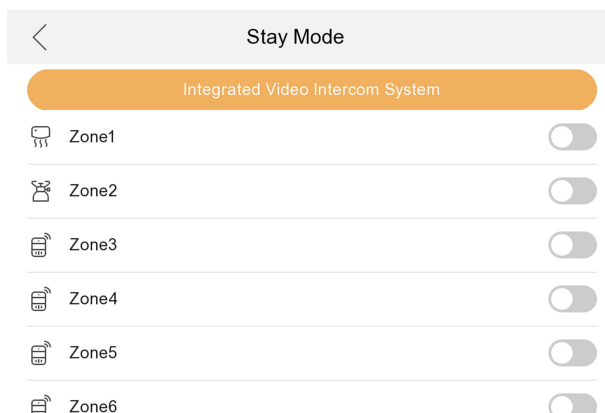
Tap **Settings** →  → **Shortcut Settings** to enable **Alarm**.

Steps

 Note

On the home page, the arming status function and zone settings function are hidden by default. You should enable the alarm function first.

1. Back to the home page, tap **Settings** →  → **Scene Settings** to enter the arming mode settings page.
2. Tap **Stay Mode**, **Away Mode**, **Sleeping Mode**, or **Custom** to enter the page.

**Figure 2-7 Arming Mode Settings****3. Arm the selected zone.****Note**

- Zones are configurable on the arming mode page.
- 24H alarm zone including smoke detector zone and gas detector zone will be triggered even if they are disabled.
- Arming mode settings should be configured with the settings of arming status on the user page of the device.

2.6 Call Elevator

The indoor station supports calling the elevator.

Before You Start

Enable call elevator via iVMS-4200 Client Software.

Steps

1. Tap **Settings** →  → **Shortcut Settings** to enable **Call Elevator**.

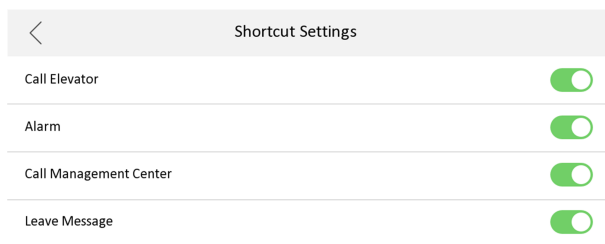


Figure 2-8 Call Elevator

2. Tap  on the home page of the indoor station to start calling the elevator.
3. When the device communicates with door station, tap unlock icon to start calling the elevator.

2.7 Relay Settings

After you set the output parameters and display the relay button on the main page, you can control the relay manually.

Steps

1. Tap **Settings** →  → **Output Settings** and disable **Hide on Main Page** function.
2. Back to the main page and tap .
3. Select a relay to enable or disable, the control device will start/stop working.

2.8 Information Management

You can view public notice, visitor message, alarm log and capture log on information management page.

Tap **Message** on the home page to enter the information management page. (Here takes the alarm log page as an example.)

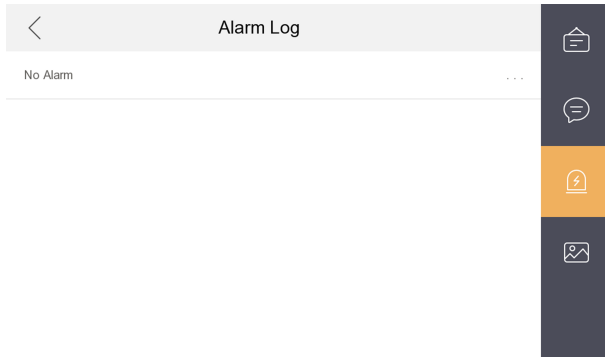


Figure 2-9 Alarm Logs

Delete a Log: Hold the item, you can delete it.

Clear Logs: Hold the item, you can clear all logs.

See Details: Hold a alarm log, you can see the alarm details.

 Note

Indoor extension only supports alarm log and capture log.

3 Remote Operation via the client software

The Video Intercom module provides remote control and configuration on video intercom products via the iVMS-4200 client software.

3.1 Call Indoor Station

Steps

1. On the main page, click **Access Control** → **Video Intercom** to enter the Video Intercom page.
2. Select a resident and click  in the Call Household column to start calling the selected resident.

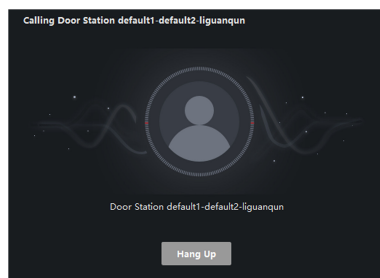


Figure 3-1 Calling Indoor Station

3. After answered, you will enter the In Call window.
 - Click  to adjust the volume of the loudspeaker.
 - Click **Hang Up** to hang up.
 - Click  to adjust the volume of the microphone.

Note

- One indoor station can only connect with one client software.
 - You can set the maximum ring duration ranging from 15s to 60s, and the maximum speaking duration ranging from 120s to 600s via the Remote Configuration of indoor station.
-

3.2 Receive Call from Indoor Station/Door Station

Steps

1. Select the client software in the indoor station or door station page to start calling the client and an incoming call dialog will pop up in the client software.

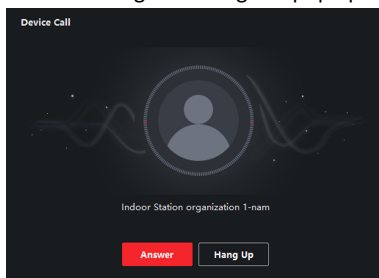


Figure 3-2 Incoming Call from Indoor Station

2. Click **Answer** to answer the call. Or click **Hang Up** to decline the call.
3. After you answer the call, you will enter the In Call window.
 - Click  to adjust the volume of the loudspeaker.
 - Click **Hang Up** to hang up.
 - Click  to adjust the volume of the microphone.
 - For door station, you can click  to open the door remotely.

Note

- One video intercom device can only connect with one client software.
 - The maximum ring duration can be set from 15s to 60s via the Remote Configuration of the video intercom device.
 - The maximum speaking duration between indoor station and client can be set from 120s to 600s via the Remote Configuration of indoor station.
 - The maximum speaking duration between door station and client can be set from 90s to 120s via the Remote Configuration of door station.
-

3.3 View Live Video of Door Station and Outer Door Station

You can get the live view of the door station and outer door station in the Main View module and control the door station and outer door station remotely.

In the Main View module, double-click a door station or outer door station device or drag the device to a display window to start the live view.

You can click **Unlock** on the menu to open the door remotely.

3.4 View Call Logs

You can check all the call logs, including dialed call logs, received call logs and missed call logs. You can also directly dial via the log list and clear the logs.

Steps

1. On the main page, click **Access Control** → **Video Intercom** to enter the Video Intercom page.
2. Click the Call Log tab to enter the Call Log page. All the call logs will display on this page and you can check the log information, e.g., call status, start time, resident's organization and name, device name and ring or speaking duration.

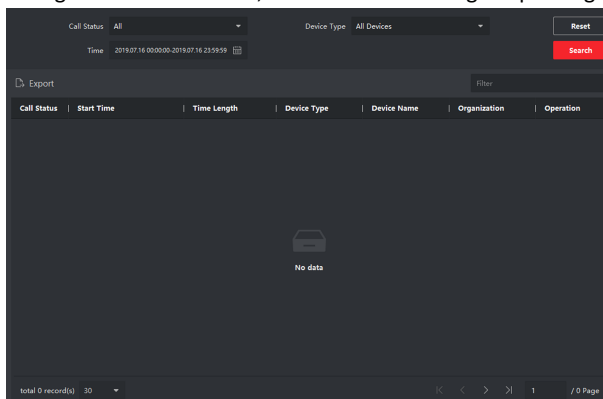


Figure 3-3 Call Log

3. **Optional:** Click the icon  in the Operation column to re-dial the resident.

3.5 Release Notice

You can create different types of notices and send them to the residents. Four notice types are available, including Advertising, Property, Alarm and Notice Information.

Steps

1. On the main page, click **Access Control** → **Video Intercom** to enter the Video Intercom page.
2. Click **Notice** to enter the Release Notice page.

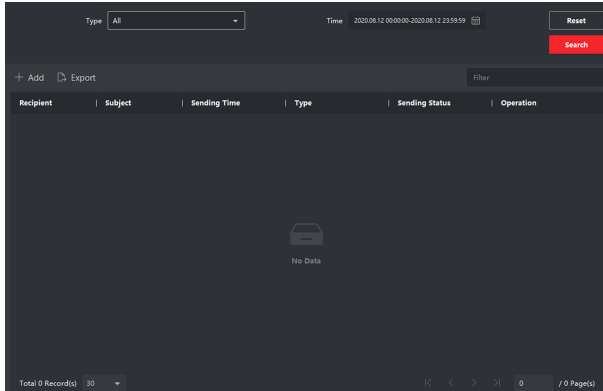
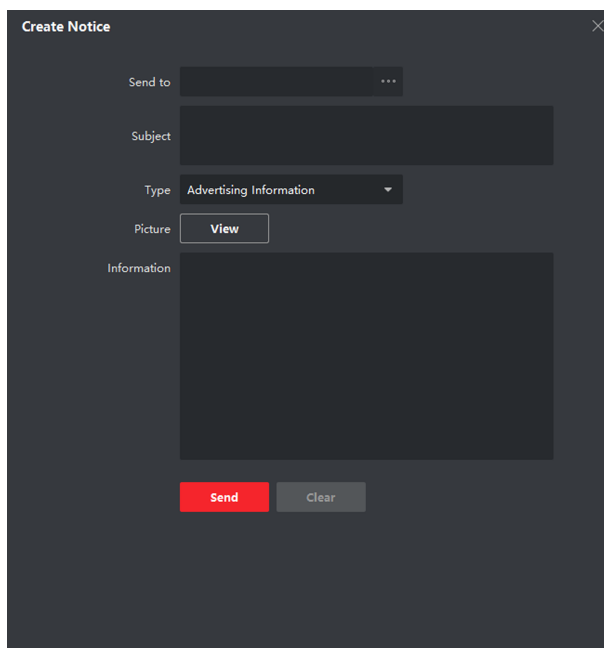


Figure 3-4 Release Notice

3. Click **Add** on the left panel to create a new notice.



The screenshot shows a 'Create Notice' window with the following elements:

- Send to:** A text field with a dropdown arrow.
- Subject:** A large text input area.
- Type:** A dropdown menu currently set to 'Advertising Information'.
- Picture:** A label next to a 'View' button.
- Information:** A large text input area.
- Buttons:** 'Send' (red) and 'Clear' (grey) at the bottom.

Figure 3-5 Create a Notice

4. Edit the notice on the right panel.
 - 1) Click ... on the Send To field to pop up the Select Resident dialog.
 - 2) Check the checkbox(es) to select the resident(s). Or you can check the **All** checkbox to select all the added residents.
 - 3) Click **OK** to save the selection.
 - 4) Enter the subject on the Subject field.

 Note

Up to 63 characters are allowed in the Subject field.

- 5) Click ▾ in the Type field to unfold the drop-down list and select the notice type.
- 6) **Optional:** Click **View** to add a local picture to the notice.

 Note

Up to 6 pictures in the JPGE format can be added to one notice. And the maximum size of one picture is 512KB.

- 7) Enter the notice content in the Information field.
 - 8) **Optional:** You can also click **Clear** to clear the edited content.
-

 Note

Up to 1023 characters are allowed in the Content field.

5. Click **Send** to send the edited notice to the selected resident(s). The sent notice information will display on the left panel. You can click a notice to view the details on the right panel.

3.6 Search Video Intercom Information

You can search the call logs between the iVMS-4200 client software and video intercom devices, device unlocking logs and the sent notice information.

On the main page, click **Access Control** to enter the access control module.

In the Access Control module, click **Video Intercom** to enter the Video Intercom page.

3.6.1 Search Call Logs

Steps

1. On the main page, click **Access Control → Video Intercom** to enter the Video Intercom page.
2. Click **Call Log** to enter the Call Log page.

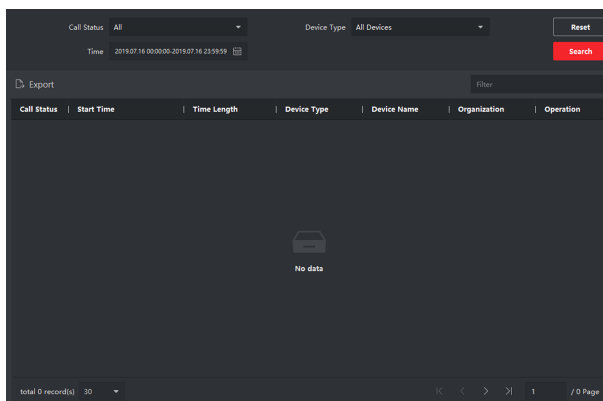


Figure 3-6 Search Call Logs

- Set the search conditions, including call status, device type, start time and end time.

Call Status

Click to unfold the drop-down list and select the call status as **Dialed**, **Received** or **Missed**. Or select **All** to search logs with all statuses.

Device Type

Click to unfold the drop-down list and select the device type as **Indoor Station**, **Door Station**, **Outer Door Station** or **Analog Indoor Station**. Or select **All Devices** to search logs with all device types.

Start Time/End Time

Click to specify the start time and end time of a time period to search the logs.

- Optional:** You can click **Reset** to reset all the configured search conditions.
- Click **Search** and all the matched call logs will display on this page.
 - Check the detailed information of searched call logs, such as call status, ring/speaking duration, device name, resident organization, etc.
 - Input keywords in the Search field to filter the desired log.
 - Click **Export** to export the call logs to your PC.

3.6.2 Search Notice

Steps

1. On the main page, click **Access Control** → **Video Intercom** to enter the Video Intercom page.
2. Click **Notice** to enter the Notice page.

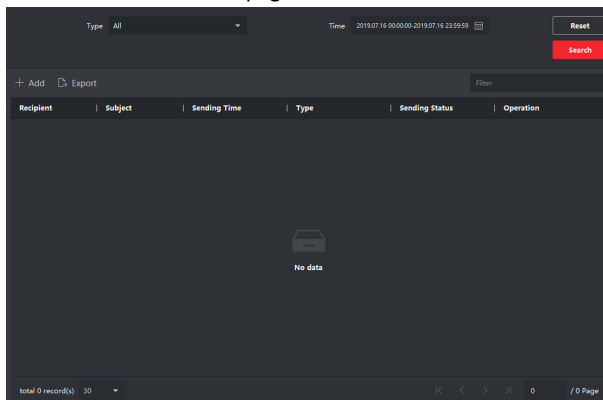


Figure 3-7 Search Notice

3. Set the search conditions, including notice type, subject, recipient, start time and end time.

Recipient

Input the recipient information in the Recipient field to search the specified notice.

Subject

Input the keywords in the Subject field to search the matched notice.

Type

Click ▼ to unfold the drop-down list and select the notice type as **Advertising Information**, **Property Information**, **Alarm Information** or **Notice Information**. Or select **All** to search notices with all types.

4. **Optional:** You can click **Reset** to reset all the configured search conditions.
5. Click **Search** and all the matched notices will display on this page.
 - Check the detailed information of searched notices, such as sending time, sending status, etc.
 - Input keywords in the Search field to filter the searching result.
6. You can view and edit the notice details, check the sending failed/sent succeeded/unread users, and resend the notice to sending failed/unread users.

7. **Optional:** Click **Export** to export the notices to your PC.

A. Communication Matrix and Device Command

Communication Matrix

Scan the following QR code to get the device communication matrix.

Note that the matrix contains all communication ports of Hikvision access control and video intercom devices.



Figure A-1 QR Code of Communication Matrix

Device Command

Scan the following QR code to get the device common serial port commands.

Note that the command list contains all commonly used serial ports commands for all Hikvision access control and video intercom devices.



Figure A-2 Device Command





Video Intercom Indoor Station

Configuration Guide

Legal Information

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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Data Protection

During the use of device, personal data will be collected, stored and processed. To protect data, the development of Hikvision devices incorporates privacy by design principles. For example, for device with facial recognition features, biometrics data is stored in your device with encryption method; for fingerprint device, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image.

As data controller, you are advised to collect, store, process and transfer data in accordance with the applicable data protection laws and regulations, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic reviews and assessments of the effectiveness of your security controls.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Note	Provides additional information to emphasize or supplement important points of the main text.

Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, RE Directive 2014/53/EU, the RoHS Directive 2011/65/EU



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.

1. This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: this device may not cause interference, and
 2. this device must accept any interference, including interference that may cause undesired operation of the device.
-
1. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes : l'appareil ne doit pas produire de brouillage, et
 2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Contents

Chapter 1 About this Manual	1
Chapter 2 Local Operation	2
2.1 Activate Indoor Station	2
2.2 Quick Operation	3
2.3 Basic Settings	6
2.3.1 Set Indoor Station Network Parameters	6
2.3.2 Set Linked Device IP	7
2.3.3 Set Indoor Station No.	8
2.3.4 SIP Settings	9
2.3.5 Add Camera	9
2.3.6 Zone and Alarm Settings	10
2.4 Password Settings	12
2.4.1 Modify Admin Password	12
2.4.2 Modify Arm/Disarm Password	13
2.4.3 Modify Unlock/Duress Code	13
2.5 Synchronize Time	14
2.6 Sound Settings	15
2.6.1 Call Settings	15
2.6.2 Volume Settings	16
2.7 Link to the Mobile Client	16
2.8 Restore Indoor Station	17
2.9 System Settings	17
2.10 Device Information	20
2.11 Output Settings	20
Chapter 3 Remote Operation via the client software	22
3.1 Activate Device Remotely	22
3.2 Device Management	22
3.2.1 Add Video Intercom Devices	23
3.2.2 Modify Network Information	25

3.3 System Configuration	26
3.4 Remote Configuration	26
3.4.1 System	26
3.4.2 Video Intercom	32
3.4.3 Network	40
3.5 Person Management	45
3.5.1 Organization Management	45
3.5.2 Person Management	46
A. Relevant Instructions for External Power Supply and Wiring of 2-wire Video Intercom Products (2020-1-20)	50
B. Communication Matrix and Device Command	53

Chapter 1 About this Manual

Get the manual and related software from or the official website (<http://www.hikvision.com>).

Product	Model
Network Indoor Station	DS-KH8520-WTE1/DS-KH6320-WTE1/DS-KH6320-TE1/DS-KH6320-WTE2/DS-KH8350-TE1/DS-KH8350-WTE1

Scan the QR code to get the configuration guide for detailed information.



Scan the QR code to get the operation guide for detailed information.



Chapter 2 Local Operation

2.1 Activate Indoor Station

You can configure and operate the indoor station after creating a password for the device activation.

Steps

1. Power on the device. It will enter the activation page.

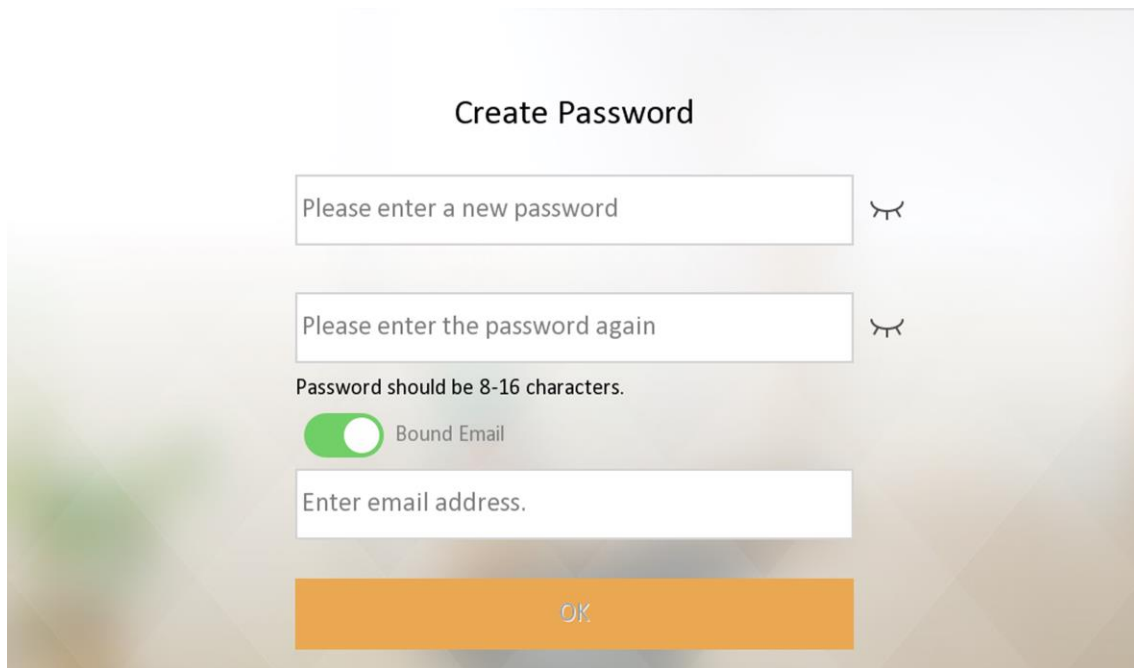


Figure 2-1 Activation Page

2. Create a password and confirm it.
3. Optional: Bind email address. You can reset the activation/admin password via the email if you forget your password.
 - 1) Enable **Bind Email**.

Note

By default, the function is enabled.

- 2) Enter the email address.
4. Tap **OK** to activate the indoor station.

Note

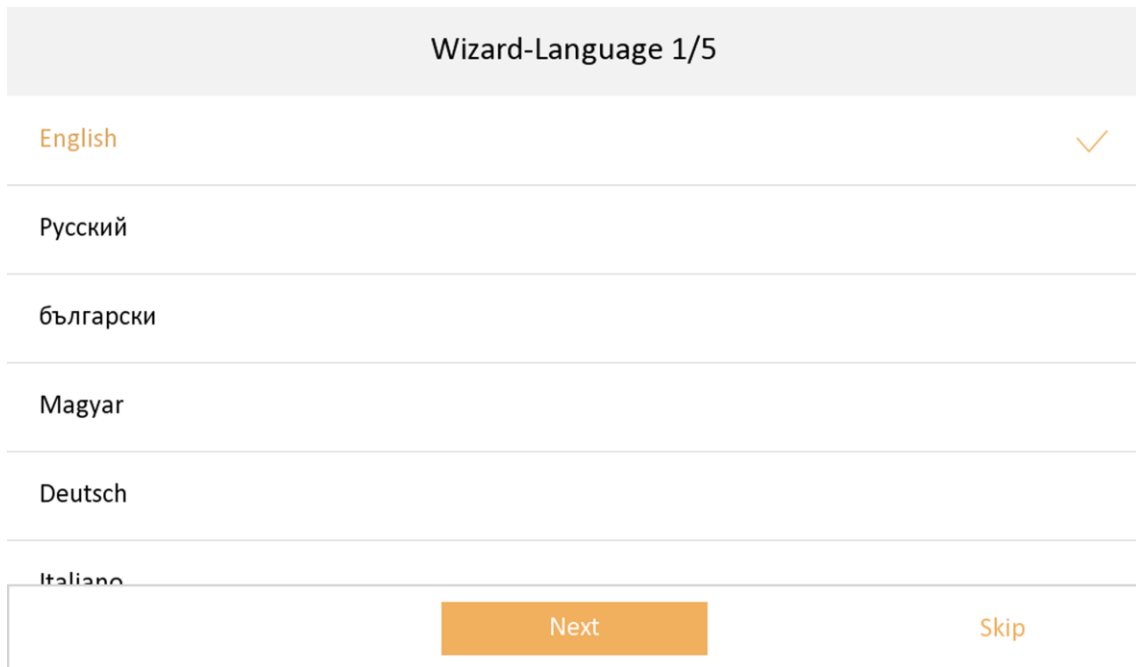
We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

2.2 Quick Operation

After device activation, the wizard page will pop up.

Steps

1. Choose Language and tap **Next**.



Wizard-Language 1/5

English	✓
Русский	
български	
Magyar	
Deutsch	
Italiano	

Next Skip

Figure 2-2 Language Settings

2. Set network parameters and tap **Next**.
 - Edit **Local IP**, **Subnet Mask** and **Gateway** parameters.
 - Enable **DHCP**, the device will get network parameters automatically.

Wizard-Network 2/5

 DHCP

☐

Local IP

Subnet Mask

255.255.255.0

Gateway

Previous

Next

Skip

Figure 2-3 Network Parameters

3. Configure the **Hik-Connect** service settings.
 - 1) Enable **Hik-Connect** service.
 - 2) Set **LBS Server**.
 - 3) Slide the slider to edit verification code or use the activation password by default.
 - 4) Tap **Next**.
4. Configure the indoor station.
 - 1) Select **Device Type** as **Indoor Station**.
 - 2) Set **Registration Password**.
 - 3) Configure advanced settings.
 - 4) Optional: Enable **Indoor Extension Settings** to add indoor extensions.
 - 5) Tap **Next**.

Wizard-Settings 4/5

Indoor Station Type

Indoor Station >

Floor	1
Room No.	1
Registration Password	Configured >
Advanced Settings	>
Indoor Extension Settings	

Previous

Next

Skip

Figure 2-4 Indoor Station Settings

5. Link related devices and tap **Next**. If the device and the indoor station are in the same LAN, the device will be displayed in the list. Tap the device or enter the serial No. to link.

Wizard-Related Devices 5/5

Please enter the serial No.

	V2.2.8build 210127	Activate	
	V1.4.27build 190314	Activate	
	V2.2.9build 210125	Activate	
	V2.2.9build 210125	Activate	
✓	V2.2.13build 201222	Activate	

Previous

Finish

Figure 2-5 Related Device

- 1) Tap the door station in the list to link.

Note

If the door station is inactive, the system will pop up the dialog to activate the door station.

- 2) Tap  to pop up the Network Settings page.
- 3) Edit the network parameters of the door station manually or enable **DHCP** to get the network parameters automatically.
- 4) Optional: Enable **Synchronize Language** to synchronize the language of door station with indoor station.
- 5) Tap **OK** to save the settings.
6. Tap **Finish** to save the settings.

2.3 Basic Settings

Basic settings is required before starting using the indoor station. It is necessary to set the indoor station network, room No., linked devices, device time display, and so on.

2.3.1 Set Indoor Station Network Parameters

Network connection is mandatory for the use of the indoor station. Set the network parameters after activating the indoor station. Only when the IP address of the indoor station is in the same network segment as other devices, it can work properly in the same system.

Steps

Note

The default IP address of the indoor station is 192.0.0.64.

Two ways are available for you to set IP address: DHCP, and set IP address manually.

1. Tap **Settings** →  → **Configuration**, and enter admin (activation) password.
2. Tap  to enter the network settings page.

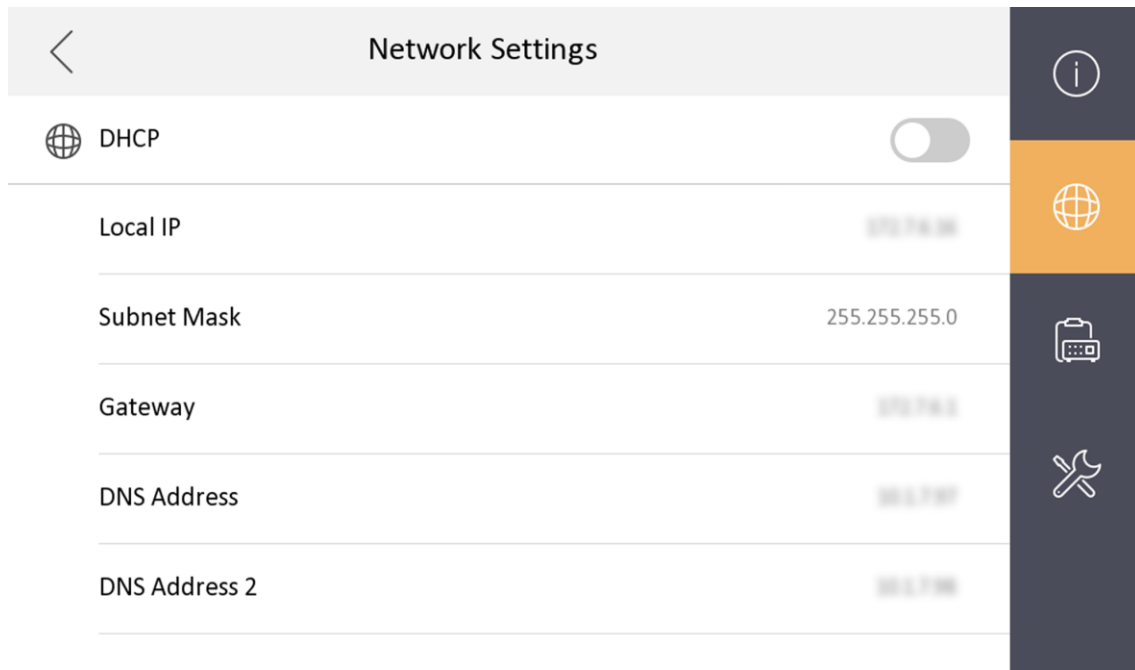


Figure 2-6 Network Settings

3. Set the network parameters.

- Enable **DHCP**, and the system can assign an IP address of the indoor station automatically.
- Disable the DHCP function, and set the IP address manually. You should set the device IP address, the gateway, the DNS address.

2.3.2 Set Linked Device IP

Linked network parameters refers to the network parameters of devices (like door station, doorphone, main station, center, etc.), to which the indoor station is linked. Linked devices for the indoor station refers to door station, center, main station, and doorphone.

With the private SIP protocol, intercom can be realized only when all these devices are in the same network segment with the indoor station.

With the standard SIP protocol, intercom can be realized when all these devices support the standard SIP protocol.

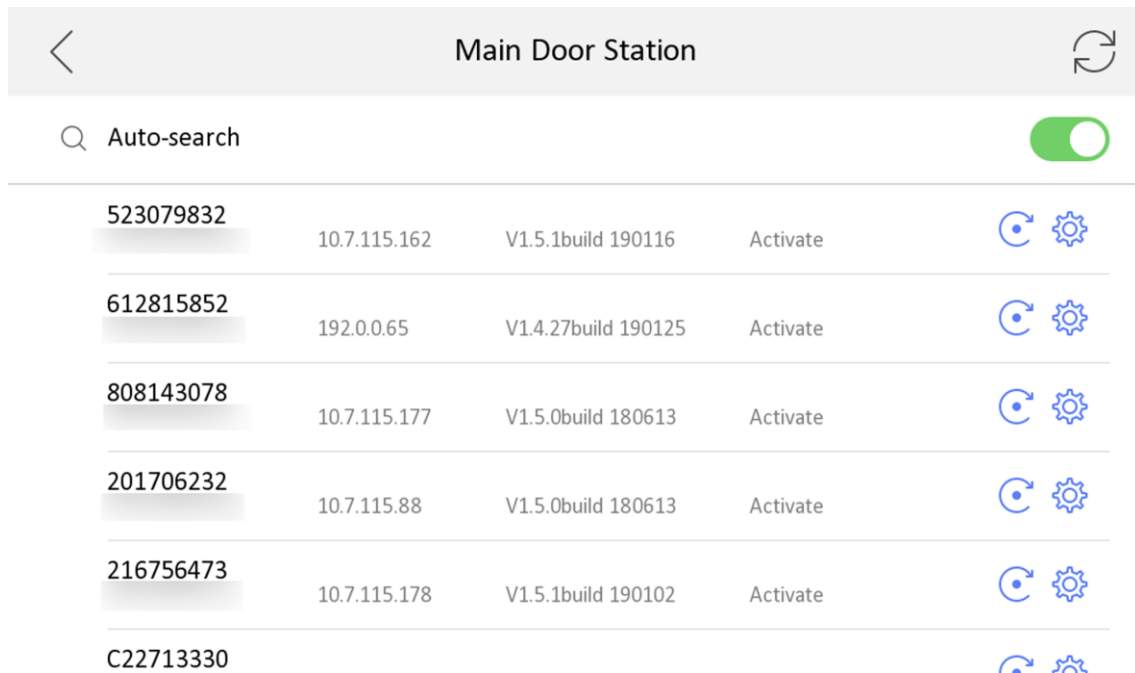
Steps

Note

- The doorphone does not support adding with the standard SIP protocol.
- Here take door station network settings as example.

1. Tap **Settings** →  → **Configuration**, and enter admin (activation) password.
2. Tap  to enter the device management page.
3. Tap **Indoor Extension** and select a connect indoor extension.

4. Tap **Main Door Station** to pop up the device information dialog.



Main Door Station				
Q Auto-search	☒			
523079832	10.7.115.162	V1.5.1build 190116	Activate	
612815852	192.0.0.65	V1.4.27build 190125	Activate	
808143078	10.7.115.177	V1.5.0build 180613	Activate	
201706232	10.7.115.88	V1.5.0build 180613	Activate	
216756473	10.7.115.178	V1.5.1build 190102	Activate	
C22713330				

Figure 2-7 Device Information



Restore the door station via indoor station.

Tap to restore the parameters of the door station.



Modify the IP address of the linked door station.

Tap to edit the IP address of door station.

5. Select the device to link. Edit the network parameters.

2.3.3 Set Indoor Station No.

Indoor station No. and the indoor extension No. are numbers, which can be dialed by other devices to call the indoor station and the indoor extension in an intercom system. The indoor station No., is composed of the floor No. and the room No.

The indoor extension No. Should be a numeric from 1 to 5.

Up to 5 indoor extensions can be set for 1 indoor station.

Steps

1. Tap **Settings** → → **Configuration**, and enter admin (activation) password.
2. Tap to enter the indoor station settings page.
3. Select **Indoor Station Type** from **Indoor Station** or **Indoor Extension** according to your actual needs.
 - Indoor Station: You can set the indoor station's room information, including the room name,

community No., building No., Unit No., floor, and room No., the live view duration, the SIP register password, the SIP parameters, password and E-mail address.

- Indoor Extension: You can set the indoor extension's room information, including the room name and the extension No., live view duration, the SIP register password, password and E-mail address..

4. Tap **Room Information** and set room name, community No., building No., unit No., floor No., and room No. according to your actual needs.

2.3.4 SIP Settings

Devices can communicate with each other via SIP protocol. You create set the SIP register password, enable standard SIP and set VIOP account.

Steps

1. Tap **Settings** →  → **Configuration**, and enter admin (activation) password.
2. Tap **SIP Settings** in Local Information Page.
3. Set SIP registration password.
 - 1) Tap **Registration Password**.
 - 2) Create a new SIP register registration password and confirm the password.
 - 3) Tap **OK**.
4. Optional: Enable standard SIP.
 - 1) Enable **Enable Standard SIP**.
 - 2) Tap **VOIP Account Settings** and configure the account information, including the user name, the phone number, the registered user name, the password, the domain, the port No., and the expiration date.

Note

Up to 32 characters are allowed in the user name.

2.3.5 Add Camera

Steps

1. Tap **Settings** →  → **Configuration**, and enter admin (activation) password.
2. Tap  to enter the device management page.
3. Tap **+** to pop up the dialog box.
4. Select **HIK Protocol** and you can add the camera depended on the **HIK protocol**.
5. Enter the device name and IP address.
6. Edit port No. and channel No.
7. Enter the device user name and the password of the camera.
8. Exit the page to save the settings.

2.3.6 Zone and Alarm Settings

Zone Settings

You can set the zone type, alarm type and delay time and other parameters of 8 zones.

Before You Start

Tap **Settings** →  → **Shortcut Settings**, and enable **Alarm**.

Steps

Note

Arming status page and zone settings page are hidden by default. You should enable alarm function first.

1. Tap **Settings** →  → **Zone Settings** to enter the zone settings page.

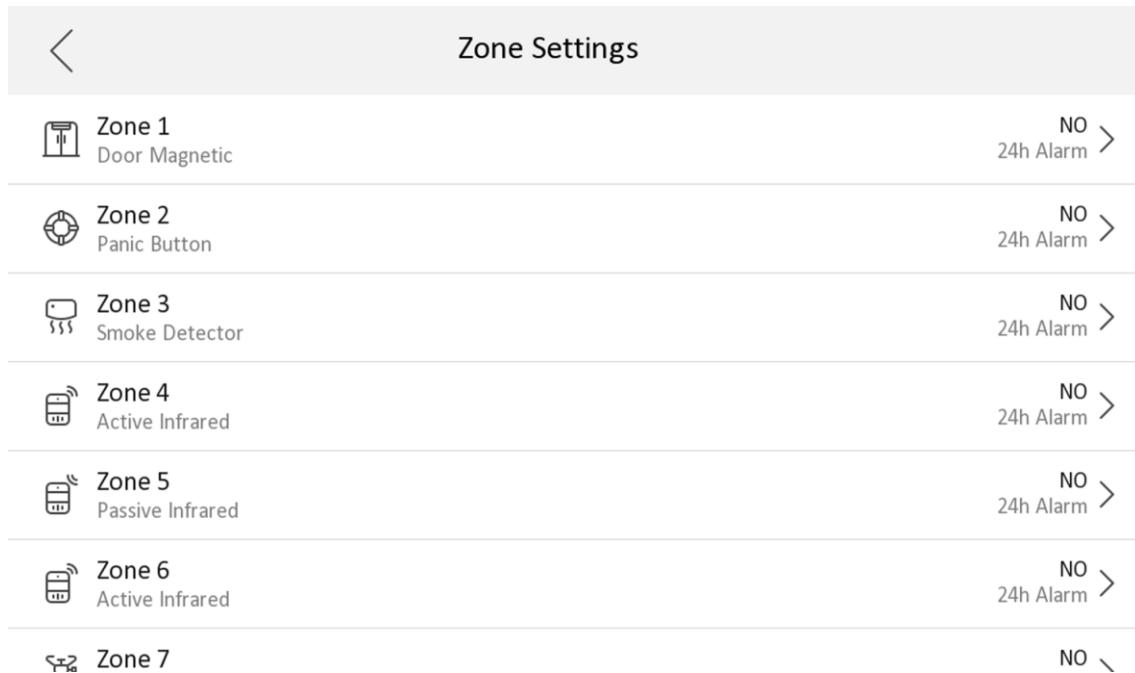


Figure 2-8 Zone Settings

2. Press a zone to pop up the zone editing dialogue box.
3. Set the zone type, alarm type, status of arming status, entering delay, and exiting delay.
4. Tap **OK** to save the settings.

Note

- 7 zone types are selectable: Panic Button, Door Magnetic, Smoke Detector, Active Infrared, Passive Infrared, Gas Detector, and Doorbell.
- 3 alarm types are selectable: 24h Alarm, Instant Alarm, and Delay Alarm.

Set the alarm type as 24h alarm, and the zone will be armed for 24h.

Set the alarm type as instant alarm, and the zone will alarm once it's triggered.

Set the alarm type as delay alarm, and you should set the entering delay duration and exiting delay duration.

- Both the entering delay duration and the exiting delay duration are from 30s to 60s.
 - For Gas Detector and Smoke Detector, the alarm type is set as default 24h alarm. The alarm type of them can not be changed.
-

Arming Mode Settings

4 arming modes can be configured: stay mode, away mode, sleeping mode and custom mode.

Before You Start

Tap **Settings** →  → **Shortcut Settings** to enable **Alarm**.

Steps



On the home page, the arming status function and zone settings function are hidden by default. You should enable the alarm function first.

1. Back to the home page, tap **Settings** →  → **Scene Settings** to enter the arming mode settings page.
2. Tap **Stay Mode**, **Away Mode**, **Sleeping Mode**, or **Custom** to enter the page.

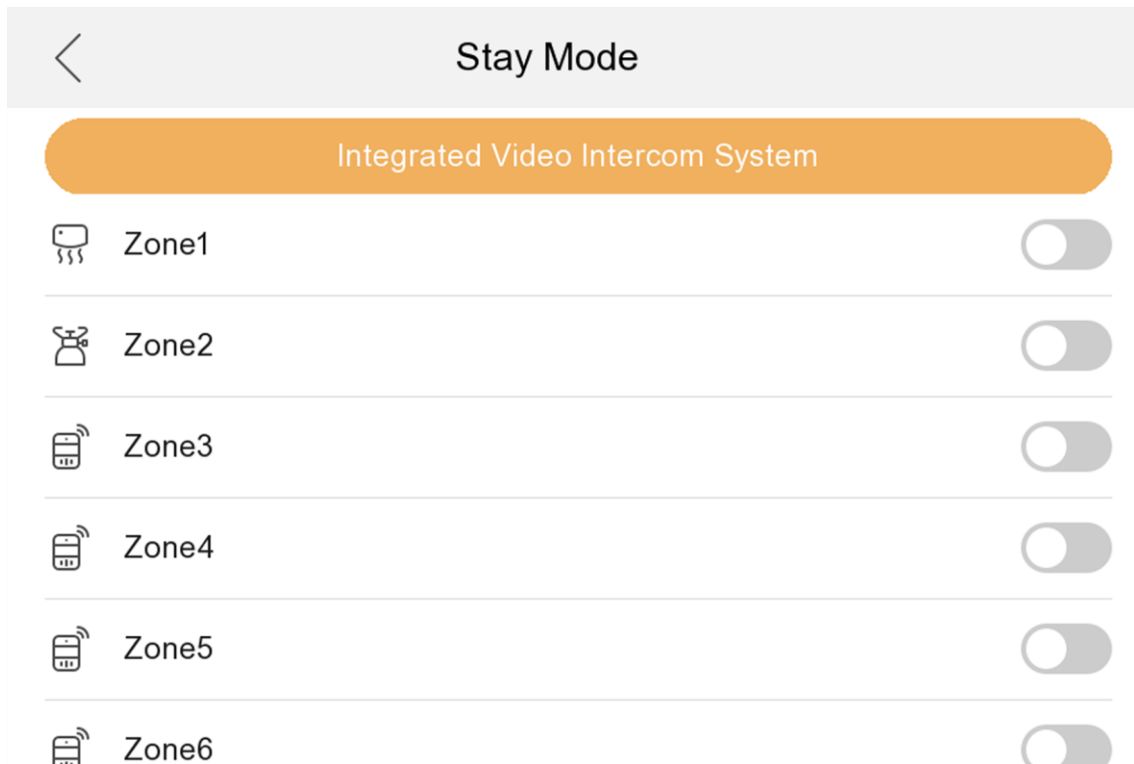


Figure 2-9 Arming Mode Settings

3. Arm the selected zone.

Note

- Zones are configurable on the arming mode page.
- 24H alarm zone including smoke detector zone and gas detector zone will be triggered even if they are disabled.
- Arming mode settings should be configured with the settings of arming status on the user page of the device.

2.4 Password Settings

2.4.1 Modify Admin Password

If you forget admin (activation) password when entering Configuration page, you can modify it via verification code from E-mail.

Before You Start

The E-mail address has been registered after activation.

Steps

1. Tap **Forget Password** in Admin Password Entering page.
2. Run **Hik-Connect** client software.
3. Scan the QR code via **Hik-Connect**.
4. Open the E-mail to get the verification code.
5. Tap **Next**, and enter the verification code from the E-mail.
6. Tap **Next**, and create the new password.



The new password is used for admin login, remote SDK login, SSH login, and Web login.

2.4.2 Modify Arm/Disarm Password

You can create and edit the arm/disarm password of the indoor station.

Steps

1. Tap **Settings** →  → **Operation Password** to enter the settings page.
2. Create the indoor station's arm/disarm password. You should enter the arm/disarm password to enable or disable the function.
3. When you slide to disable **Scene Password**, there is no needs to enter password during scene mode switching.

2.4.3 Modify Unlock/Duress Code

You can create and edit the duress code and unlock password of the indoor station.

Steps

1. Tap **Settings** →  → **Configuration**, and enter admin (activation) password.
2. Tap **Access Password**.
3. Tap **Unlock Password** or **Duress Code** to pop up the password settings dialog box.

Unlock Password

Create the indoor station's unlock password. If the device has connected to a lock, enter the password to unlock.

Duress Code

When you are hijacked and forced to open the door, you can enter the duress code. An alarm will be triggered to notify the management center secretly.



The duress code and the unlock password cannot be the same.

4. Create a new password and confirm it.

5. Tap **OK** to save the settings.

2.5 Synchronize Time

Steps

1. Tap **Settings** →  → **Time and Date** to enter the time synchronization page.



Time Synchronization	
 Time Zone	(GMT+08:00) Beijing, Urumqi, Singa... 
 Enable NTP	
Sync Interval	60
IP Addr/Domain	0.0.0.0
Port No.	123

Figure 2-10 Time Synchronization

2. Tap **Date Format** and **Time Format** to set the time format.

3. Optional: Tap **Time** to set time manually.

4. Tap **Sync Time**.

1) Enable **Enable NTP**.

2) Set the synchronizing interval, enter the IP address/domain of NTP server and port No., and select the time zone.

Note

- The default unit of synchronizing interval is minute.
- The time zone can be configured as well if the NTP is not enabled.

2.6 Sound Settings

Set the ringtone sound, the volume, and the auto answer.

2.6.1 Call Settings

You can set the ringtone, ring duration, call forwarding time on call settings page.

Steps

1. Tap **Settings** →  to enter the call settings page.

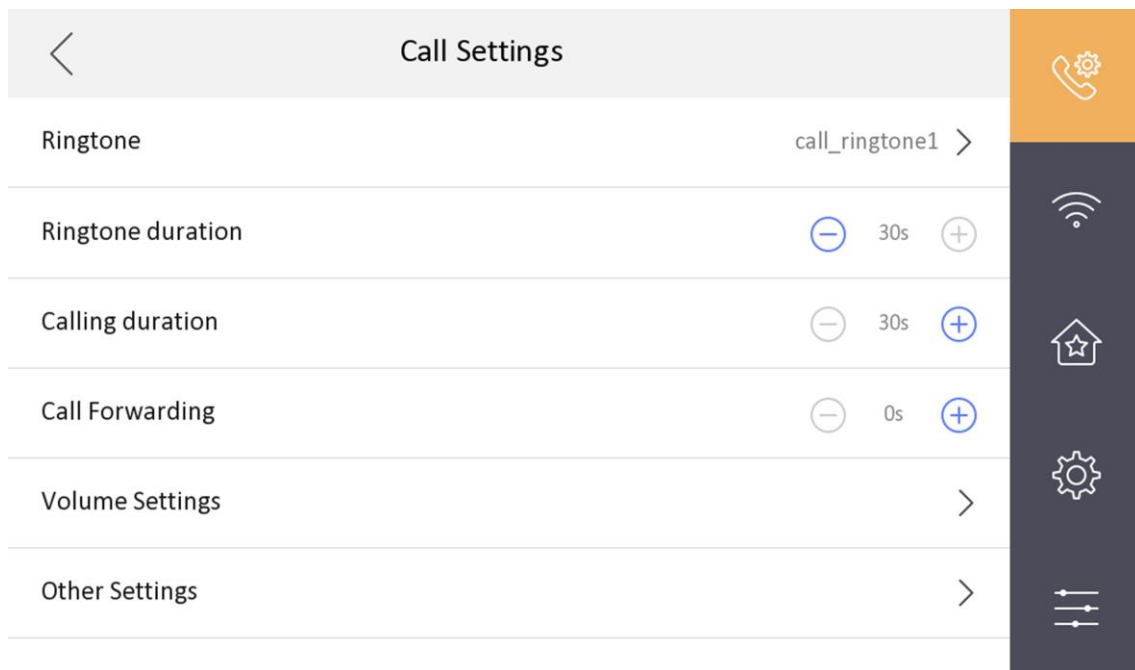


Figure 2-11 Call Settings

2. Set corresponding parameters.

Ringtone

There are 3 ringtones by default, and you can custom and import at most 4 ringtones via Batch Configuration Tool or iVMS-4200 Client Software.

Ringtone Duration: The maximum duration of indoor station when it is called without being accepted. Ringtone duration ranges from 30 s to 60 s.

Calling Duration

The call will end automatically when the actual calling duration is longer than the configured one. Calling duration ranges from 30 s to 60 s.

Call Forwarding

The ring duration limit beyond which the call is automatically forwarded to the mobile phone designated by the resident. Call forwarding ranges from 0 s to 20 s.

Other Settings

You can set the Do Not Disturb and Auto-answer functions.

Auto-answer

Enable **Auto-answer**. While calling from door station/ villa door station, user can leave messages after ringing.

Do Not Disturb Device

Select **All** and all devices will not disturb this device. Select **Indoor Station** and all indoor station will not disturb this device.

Do Not Disturb

Set the do not disturb schedule. Select **Close** and the do not disturb function will not be enabled. Select **All Day** and this device will not be disturbed all day. Select **Schedule** and you can set the do not disturb time duration. Within the configured time, this device will not be disturbed.



Indoor extension does not support the ring duration settings, call forwarding settings, or auto-answer function.

2.6.2 Volume Settings

Set the microphone volume, prompt sound volume, call volume, and enable touch sound.

Steps

1. Tap **Settings** →  → **Volume Settings** to enter the volume settings page.

Figure 2-12 Volume Settings Page

2. Set the microphone volume, prompt sound volume, and the call volume. You can also enable **Touch Sound** to turn on the key sound.

2.7 Link to the Mobile Client

Steps

1. Tap **Settings** →  → **Hik-Connect Service Settings** to enter the settings page.
2. Enable **Enable Hik-Connect Service**.
3. Edit **LBS** server and **Verification Code**.

Note

Verification code is used to add the device to mobile client.

4. Optional: Scan the QR code on the screen.
-

Note

- Scan the left QR code on the screen to access Hik-Connect.
 - Scan the right QR code on the screen to add the device to the mobile client.
-

2.8 Restore Indoor Station

Steps

1. Tap **Settings** →  → **Configuration**, and enter admin (activation) password.
2. Tap  to enter the system maintenance page.
3. Tap **Restore Default Settings** to restore the default settings and reboot the system.
4. Tap **Restore All** to restore all parameters and reboot the system.

2.9 System Settings

You can format or install TF card, clear the screen, view the version information of the indoor station and reboot the system on the settings page.

General Settings

Tap **Settings** →  to enter the general settings page.

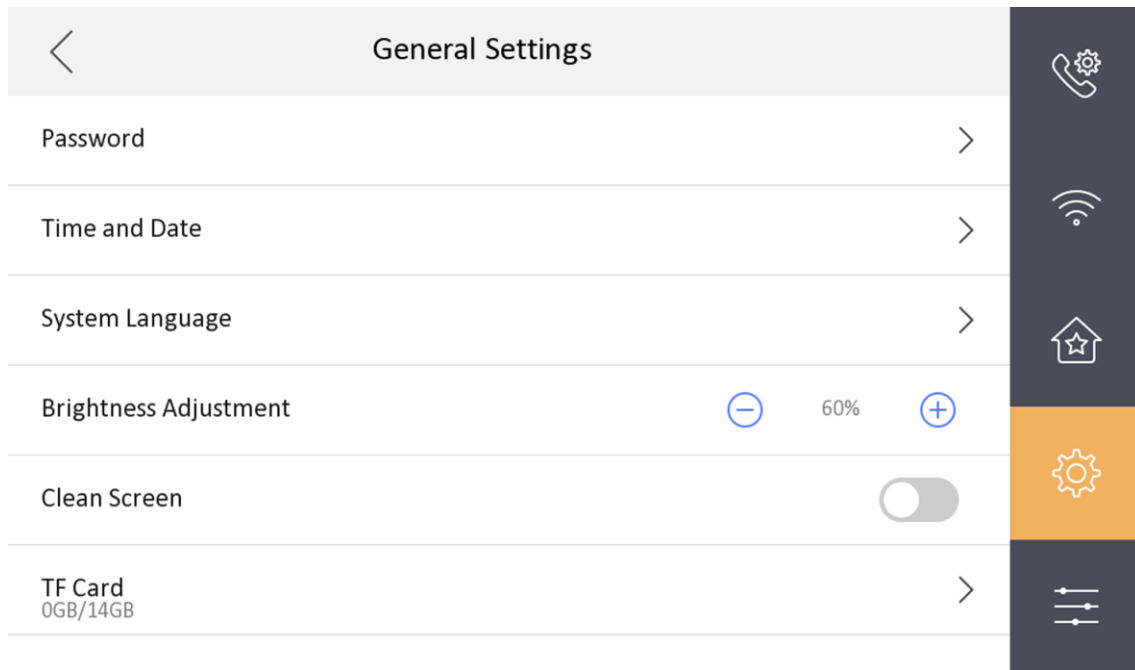


Figure 2-13 General Settings Page

Time and Date

You can set the displayed time and date format, current time. You can also tap **Sync Time** and enable NTP to synchronize the device time.

Note

- Make sure your device is connected with the network or the NTP function will not available.
- For details, see [***Synchronize Time***](#).

System Language

Tap **System Language** to change the system language.

Note

The indoor station supports 19 languages.

Brightness Adjustment

Tap + or - to adjust the screen brightness.

Clean Screen

Enable **Clear Screen** and the screen will be locked for 30s. And you can clear the screen within the time duration.

Note

- After enabling Clear Screen function, press and hold the Unlock key to exit the clear screen mode.

- The device without unlock key will exit the clear screen mode automatically when the time is out.
-

TF Card

Tap **TF Card** to view the TF card and you can also format the TF card.

Reboot Device

Tap **Settings** →  to enter the advanced settings page.

Tap **Reboot Device** to reboot the system.

Maintenance

Tap **Settings** →  → **Configuration**.

Enter the admin (activation) password and tap **OK** to enter the local information page.

Tap  to enter the system maintenance page.

Upgrade

Tap **Upgrade** to get the upgrade package online and reboot automatically.

Unlink APP Account

Unlink the Hik-Connect account from the platform.

Wizard

Tap **Wizard** and set the language, network, indoor station type, device No., and select a device according to the wizard.

Preference

Tap **Settings** →  to enter the preference page.

Shortcut Settings

Enable call elevator, alarm, call management center, or leave message and the icon will be displayed on the home page.

Zone Settings



Only when enable **Alarm** in the shortcut settings, can the **Zone Settings** displayed on the Preference page.

Set the zone parameters. For details, see [Zone Settings](#).

Scene Settings



Only when enable **Alarm** in the shortcut settings, can the **Scene Settings** displayed on the Preference page.

Set the scene parameters, including the stay mode, the away mode, the sleeping mode, or

customize the scene. For details, see [***Arming Mode Settings***](#).

2.10 Device Information

View the device information, including the version, model, serial No. and open source disclaimer.

Steps

1. Tap **Settings** →  → **Device Information** to enter the Device Information page.
2. View the device version, module, and serial No.
3. Optional: Tap **Open Source Disclaimer** to view the OSS statement.

2.11 Output Settings

You can set and control the connected output devices via the output settings page. You can change the relay' name, and open duration. You can also set to display the relay button on the main page or not.

Steps

1. Tap **Settings** →  → **Output Settings**.



- Supports up to 2 relays.
 - If no relays displayed on the page, the device may not support the function.
-

2. Select a relay and set the parameters.

Name

You can change the relay's name.



1 to 32 characters are allowed. Supports uppercase letters, lowercase letters, numerics, and special characters.

Remain Open

Enable the function, the relay remains open.

Disabled the function, and you can set the remain open duration.



- By default, the function is disabled.
 - 1 to 180 s are available to set.
-

Hide on Main Page

Enable the function and the relay button will be displayed on the main page. You can control

the relay status manually on the main page.

Disabled the function and the relay button will no be displayed on the main page.

Chapter 3 Remote Operation via the client software

The Video Intercom module provides remote control and configuration on video intercom products via the iVMS-4200 client software.

3.1 Activate Device Remotely

You can only configure and operate the indoor station after creating a password for the device activation.

Before You Start

Default parameters of indoor station are as follows:

- Default IP Address: 192.0.0.64.
- Default Port No.: 8000.
- Default User Name: admin.

Steps

1. Run the client software, enter **Device Management**, check the **Online Device** area.
2. Select an inactivated device and click the **Activate**.
3. Create a password, and confirm the password.



Note

We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

4. Click **OK** to activate the device.

3.2 Device Management

Device management includes device activation, adding device, editing device, and deleting device, and so on.

After running the iVMS-4200, video intercom devices should be added to the client software for remote configuration and management.

3.2.1 Add Video Intercom Devices

Steps

Note

- You can add at most 512 indoor stations and main stations in total to the client, and add at most 16 door stations to the client.
 - For video intercom devices, you are required to create the password to activate them before they can be added to the software and work properly. You can add online video intercom devices, and add them manually. Here take adding online video intercom devices as example.
-

1. Click **Maintenance and Management** → **Device Management** to enter the device management page.
2. Click the **Device** tap.
3. Click **Add** to add the device to the client.

The screenshot shows a dark-themed 'Add' dialog box with a close button (X) in the top right corner. It contains several configuration options and input fields:

- Adding Mode:** A row of radio buttons with 'IP/Domain' selected. Other options are 'IP Segment', 'Cloud P2P', 'EHome', 'HiDDNS', and 'Batch Import'.
- Add Offline Device:** A checkbox that is currently unchecked.
- * Name:** A text input field containing '10.6.112.48'.
- * Address:** A text input field containing '10.6.112.48'.
- * Port:** A text input field containing '8000'.
- * User Name:** A text input field containing 'admin'.
- * Password:** A password input field with 10 dots.
- Synchronize Time:** A checkbox that is checked.
- Import to Group:** A checkbox that is checked.
- Information:** A small 'i' icon followed by the text: 'Set the device name as the group name and add all the channels connected to the device to the group.'
- Buttons:** At the bottom, there are three buttons: 'Add and New' (red), 'Add' (red), and 'Cancel' (white with a gray border).

Figure 3-1 Add the Device

- Optional: Click **Online Device**, the active online devices in the same local subnet with the client software will be displayed on the **Online Device** area.

Note

To add online devices to the software, you are required to change the device IP address to the same subnet with your computer first.

- 1) You can click **Refresh Every 60s** to refresh the information of the online devices.
 - 2) Select the devices to be added from the list.
 - 3) Click **Add to Client** to add the device to the client.
5. Input the required information.

Nickname

Edit a name for the device as you want.

Address

Input the device's IP address. The IP address of the device is obtained automatically in this adding mode.

Port

Input the device port No. The default value is 8000.

User Name

Input the device user name. By default, the user name is admin.

Password

Input the device password. By default, the password is 12345.

6. Optional: You can check the checkbox **Export to Group** to create a group by the device name. All the channels of the device will be imported to the corresponding group by default.

The client also provides a method to add the offline devices. Check the checkbox **Add Offline Device**, input the required information and the device channel number and alarm input number, and then click **Add**. When the offline device comes online, the software will connect it automatically.

Note

- Add Multiple Online Devices: If you want to add multiple online devices to the client software, click and hold **Ctrl** key to select multiple devices, and click **Add to Client** to open the device adding dialog box. In the pop-up message box, enter the user name and password for the devices to be added.
 - Add All the Online Devices: If you want to add all the online devices to the client software, click **Add All** and click **OK** in the pop-up message box. Then enter the user name and password for the devices to be added.
-

3.2.2 Modify Network Information

Select the device from the device list, click , and then you can modify the network information

of the selected device.

Note

You should enter the admin password of the device in the **Password** field of the pop-up window to modify the parameters.

3.3 System Configuration

You can configure the video intercom parameters accordingly.

Steps

1. Click **Maintenance and Management** → **System Configuration** → **ACS & Video Intercom** to enter the system configuration page.
2. Enter the required information.

Ringtone

Click ... and select the audio file from the local path for the ringtone of indoor station.
Optionally, you can click  for a testing of the audio file.

Ringtone Duration

Enter ringtone duration, ranging from 15 seconds to 60 seconds.

Max. Speaking Duration with Indoor Station

Enter the maximum duration of speaking with the indoor station, ranging from 120 seconds to 600 seconds.

Max. Speaking Duration with Door Station

Enter the maximum duration of speaking with the door station, ranging from 90 seconds to 120 seconds.

Max. Speaking Duration with Access Control Device

Enter the maximum duration of speaking with the access control device, ranging from 90 seconds to 120 seconds.

3. Click **Save** to enable the settings.
4. Optional: Click **Default** to restore the default parameters.

3.4 Remote Configuration

In the device list area, select a device and click  to enter the remote configuration page.

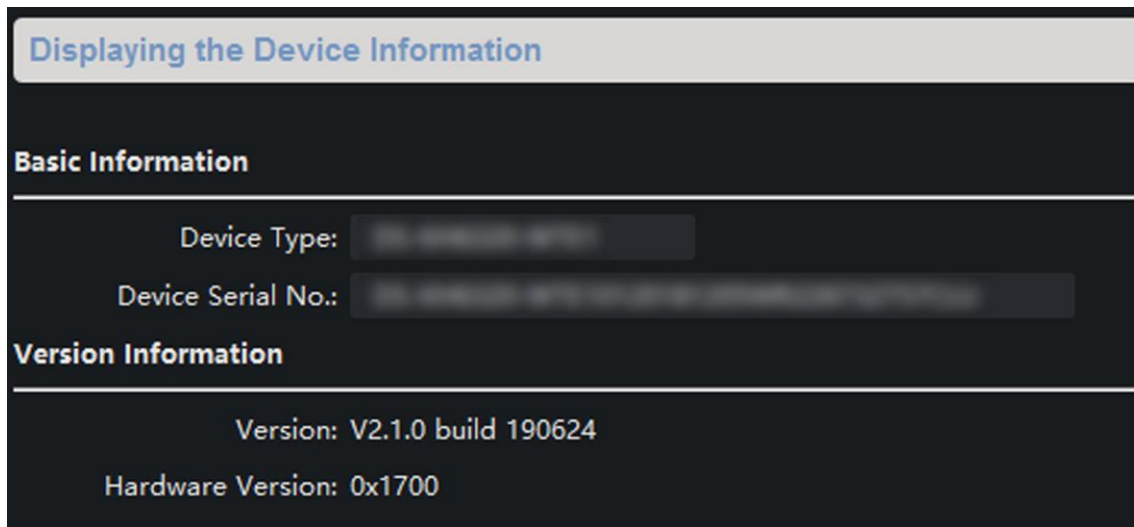
3.4.1 System

Click **System** on the remote configuration page to display the device information: Device

Information, General, Time, System Maintenance, User, RS-485, and Security.

Device Information

Click Device Information to enter device basic information page. You can view basic information (the device type, and serial No.), and version information of the device.

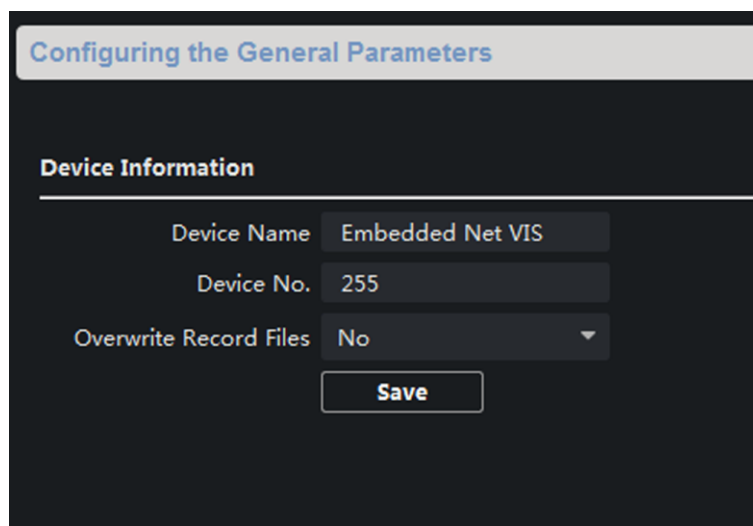


Displaying the Device Information	
Basic Information	
Device Type:	RS-485 (Wired)
Device Serial No.:	RS-485 (Wired) 190624 0x1700
Version Information	
Version:	V2.1.0 build 190624
Hardware Version:	0x1700

Figure 3-2 Device Information

General

Click **General** to enter device general parameters settings page. You can view and edit the device name and device ID, and select overwrite record file.



Configuring the General Parameters	
Device Information	
Device Name	Embedded Net VIS
Device No.	255
Overwrite Record Files	No ▼
Save	

Figure 3-3 General

Time

Click **Time** to enter the device time settings page.

Configuring the Time Settings (e.g., NTP)

Time Zone

Select Time Zone (GMT+08:00) Beijing, Hong Kong, Perth, S... ▾

☐ **Enable NTP**

Server Address 0.0.0.0

NTP Port 123

Synchronization Interval 60 min

☐ **Enable DST**

Start Time Apr. ▾ First ▾ Sunday ▾ 2 : 00

End Time Oct. ▾ The Last ▾ Sunday ▾ 2 : 00

DST Bias 60 min ▾

SDK Synchronization

☐ **Synchronization**

Save

Figure 3-4 Time Settings Page

Select **Time Zone**, **Enable NTP**, **Enable DST**, or **SDK Synchronization**. Click **Save** to save the time settings.

- Time Zone: Select a time zone from the drop-down list menu.
- NTP: Click **Enable NTP**, and enter the server address, NTP port, and synchronization interval.

Note

The default port No. is 123.

- DST: Click **Enable DST**, and set the start time, end time, and bias.
- SDK Synchronization: Click **Synchronization**, and the system will synchronize the data to the SDK.

System Maintenance

Click **System Maintenance** to enter the page.

System Maintenance

System Management

Reboot
Restore Default Settings
Restore All
Import Configuration File
Export Configuration File

Remote Upgrade

Select Type: Upgrade File

Select File: ... Upgrade

Progress:

Language

English Save

Figure 3-5 System Maintenance

- Reboot: Click **Reboot** and the system reboot dialog box pops up. Click **Yes** to reboot the system.
- Restore Default Settings: Click **Restore Default Settings** to restore the default parameters. All default settings, excluding network parameters, will be restored.
- Restore All: Click **Restore All** to restore all parameters of device and reset the device to inactive status.

Note

all default settings, including network parameters, will be restored. The device will be reset to inactivated status.

- Import Configuration File: Click **Import Configuration File** and the import file window pops up. Select the path of remote configuration files. Click **Open** to import the remote configuration file. The configuration file is imported and the device will reboot automatically.
- Export Configuration File: Click **Export Configuration File** and the export file window pops up. Select the saving path of remote configuration files and click **Save** to export the configuration file.
- Remote Upgrade: Click ... to select the upgrade file and click **Upgrade** to remote upgrade the device. The process of remote upgrade will be displayed in the process bar.
- Language: Select a language, and click **Save** to change the device system language.

Note

- The device supports 19 languages: English, French, Brazilian Portuguese, Spanish, Russian,

German, Italian, Polish, Arabic, Turkish, Vietnamese, Ukrainian, Hungarian, Dutch, Romanian, Czech, Bulgarian, Croatian, Serbian.

- o Rebooting the device is required after you change the system language.
-

User

Click **User** to enter the user information editing page.

Select the user to edit and click **Edit** to enter the user parameter page.

The screenshot shows a configuration page with two main sections: "User Information" and "User Permission".

User Information

User Type:	Administrator	User Name:	admin
Password:		Confirm Password:	
IP Address:	0.0.0.0	MAC Address:	00:00:00:00:00:00

User Permission

☒ Local PTZ Control	
☒ Local Manual Recording	
☒ Local Playback	
☒ Local Parameter Settings	
☒ Local Log Search	
☒ Local Advanced Operation	
☒ Local Parameters View	

At the bottom right, there are "Save" and "Cancel" buttons.

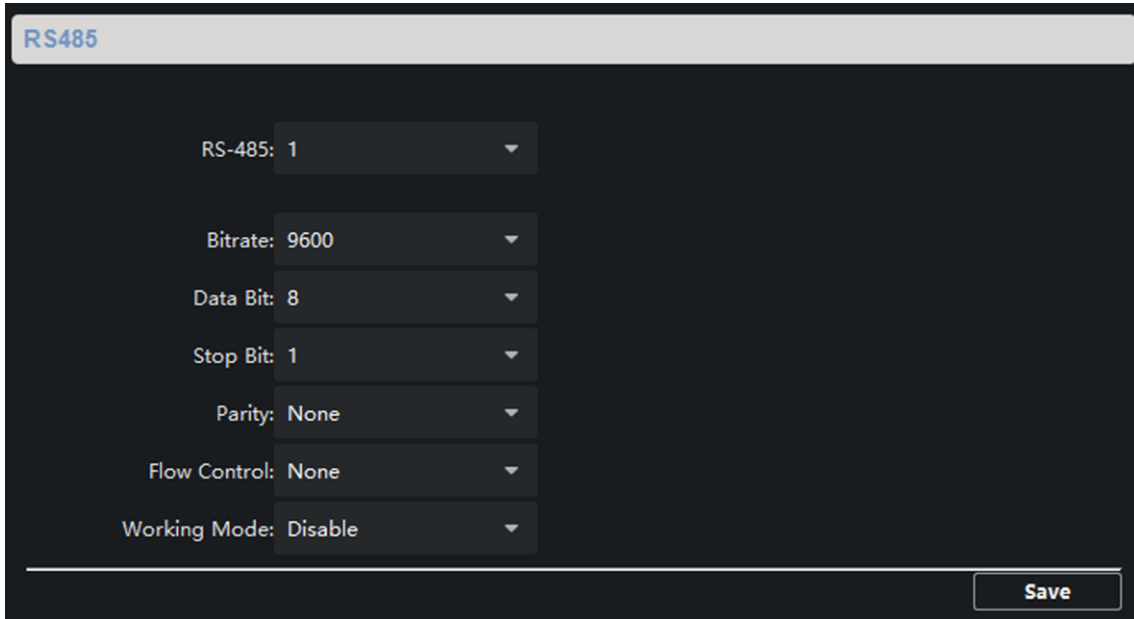
Figure 3-6 User Page

Note

- The new password and confirm password should be identical.
 - After editing the password of device, click refresh button from the device list, the added device will not be there. You should add the device again with new password to operate the remote configuration.
-

RS-485

Click **RS485** to enter the RS-485 settings page. You can view and edit the RS-485 parameters of the device.



RS-485:	1
Baudrate:	9600
Data Bit:	8
Stop Bit:	1
Parity:	None
Flow Control:	None
Working Mode:	Disable

Save

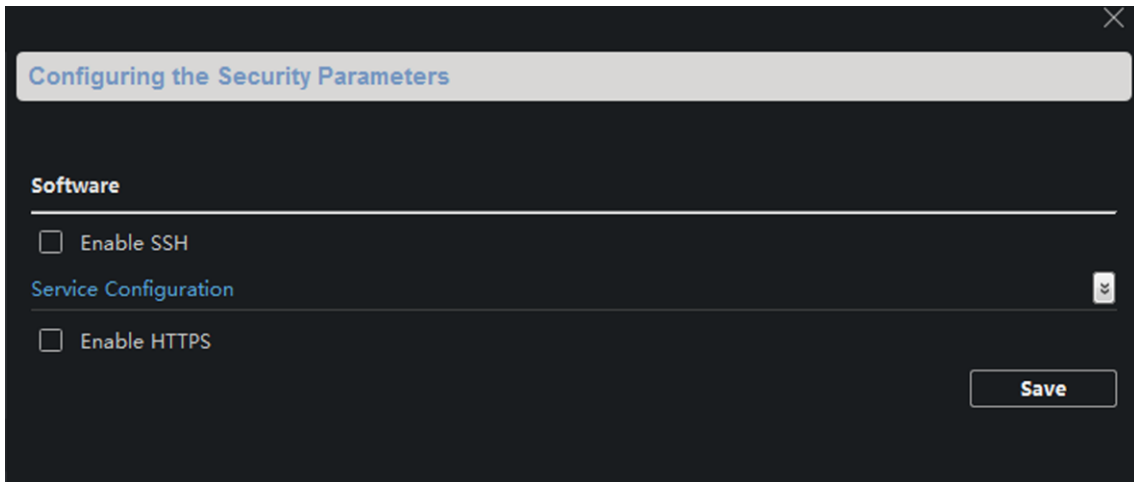
Figure 3-7 RS-485 Settings

Note

For indoor station and main station, there are 3 choices for the working mode: transparent channel, disable, and custom.

Security

Click **Security** to enter the page. You can enable SSH or enable HTTPS on this page. Click **Save** after configuration.



Configuring the Security Parameters

Software

☐ Enable SSH

Service Configuration

☐ Enable HTTPS

Save

Figure 3-8 Security

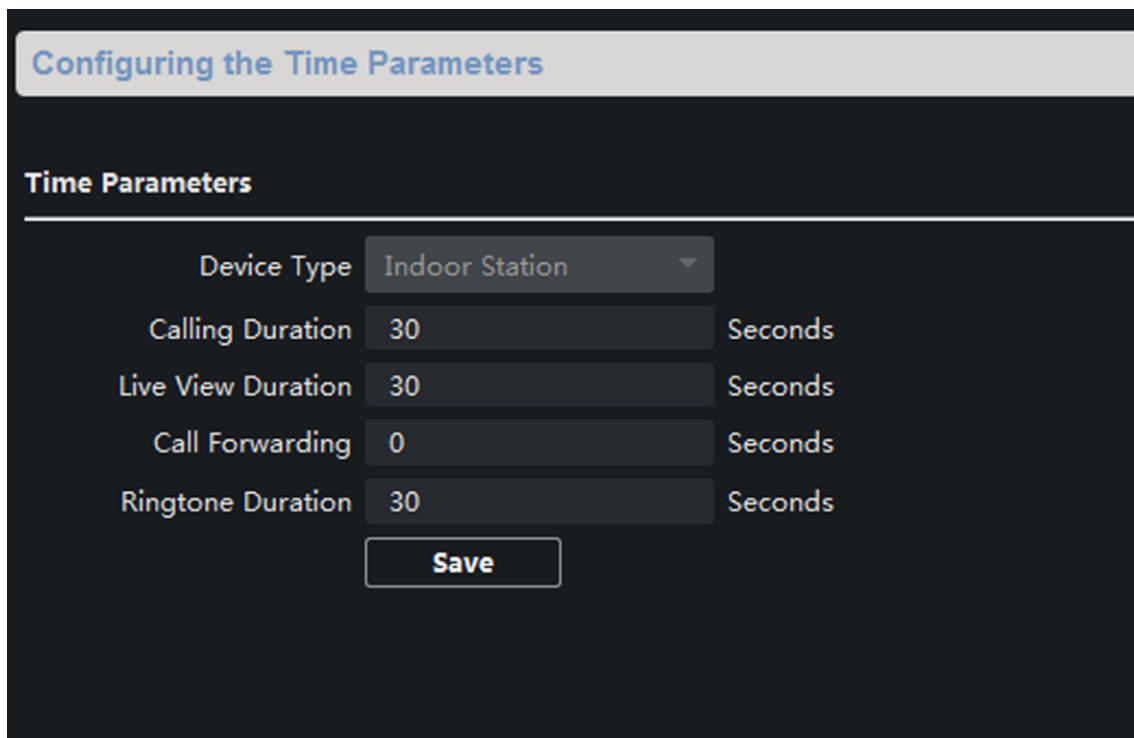
3.4.2 Video Intercom

Click **Video Intercom** on the remote configuration page to enter the video intercom parameters settings: Time Parameters, Password, Zone Configuration, IP Camera Information, Volume Input and Output Configuration, Ring, Arming Information, Calling Linkage, Relay, and SIP No.

Time Parameters

Steps

1. Click **Time Parameters** to enter time parameters settings page.



Configuring the Time Parameters		
Time Parameters		
Device Type	Indoor Station	
Calling Duration	30	Seconds
Live View Duration	30	Seconds
Call Forwarding	0	Seconds
Ringtone Duration	30	Seconds
Save		

Figure 3-9 Time Parameters

2. Configure the calling duration, live view duration, call forwarding time, and the ringtone duration.
3. Click **Save**.

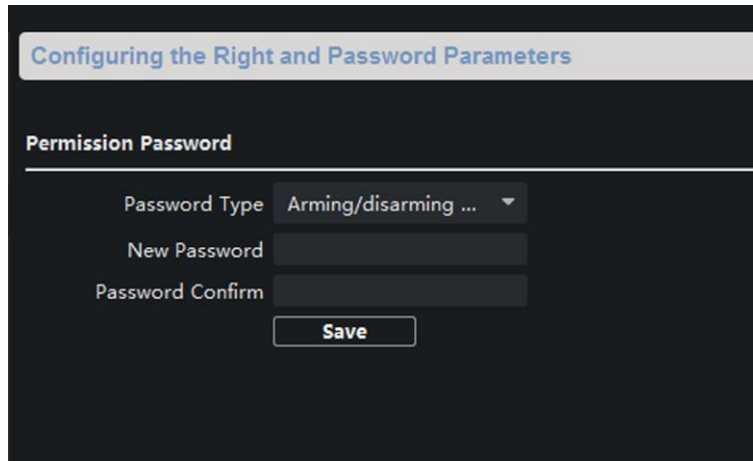
Note

- Calling duration is the maximum duration of indoor station when it is called without being received. The range of maximum ring duration varies from 30s to 60s.
- Live view duration is the maximum time of playing live view of the indoor station. The range of maximum live view time varies from 10s to 60s.
- Call forwarding refers to the ring duration limit beyond which the call is automatically forwarded to the mobile phone designated by the resident. The range of call forwarding time varies from 0s to 20s.

- For indoor extension, it only requires setting the maximum live view time.
-

Permission Password

Click **Permission Password** to enter password changing page.
Select password type. Create a new password and confirm it.
Click **Save** to complete the settings.



The screenshot shows a web interface for configuring parameters. At the top, a header bar reads "Configuring the Right and Password Parameters". Below this, the section "Permission Password" is highlighted. It contains three main fields: "Password Type" with a dropdown menu currently showing "Arming/disarming ...", "New Password" with an empty text input field, and "Password Confirm" with another empty text input field. A "Save" button is positioned below the "Password Confirm" field.

Figure 3-10 Permission Password

Note

For indoor station, you can enter the old password and new password to change the arm/disarm password.

Zone Alarm

Steps

1. Click **Zone Alarm** to enter the zone settings page.

Configuring the Zone Parameters

Zone Alarm

Area No. 1

Zone Type Smoke sensor

Alarm Type 24-hour Alarm

NO/NC Remain Unlocked

Entering Delay Seconds

Exiting Delay Seconds

Linkage Configuration

☐

☐ Relay 1

☐ Relay 2

Save

Figure 3-11 Zone Alarm

2. Select **Area No.**
3. Select **Zone Type** from the drop-down list.
4. Select **Alarm Type** from the drop-down list.
5. Set the NO/NC status.
6. Set **Entering Delay** and **Exiting Delay**.
7. Click **Save** to enable zone settings.

Note

- 7 zone types are supported: Emergency Switch, Door Magnetic Switch, Smoke Detector, Active IR Detector, Passive IR Detector, Combustible Gas Detector, and DoorBell Switch.
- 3 types of alarm mode are supported: Instant Alarm, 24H Alarm, and Delay Alarm.
- When the zone type is set to be Instant Alarm, only under arming mode, the indoor station will receive alarm message when the detector is triggered. Under disarming mode, it will not receive alarm message when the detector is triggered.
- When the zone type is set to be 24H Alarm, the indoor station will receive alarm message when the detector is triggered no matter it is under arming mode or disarming mode.
- When the zone type is set to be Delay Alarm, only under arming mode, the indoor station will receive alarm message when the detector is triggered. Under disarming mode, it will not

receive alarm message when the detector is triggered.

- After setting enter delay time, if OK is pressed within the enter delay time after the alarm, the alarm event will not be uploaded to the management center; if OK is not pressed within the enter delay time after the alarm, the alarm event will be uploaded to the management center.
 - The exit delay is the time between you enable the arming mode and the arming takes effect.
-

IP Camera Information

You can add, delete and modify cameras that can be added to the video intercom products, with two ways of getting stream: direct or URL. By exporting and importing the added device information, you can edit added devices parameters in batch.

Add Camera

Steps

1. Click **IP Camera Information** to enter IP camera information page.

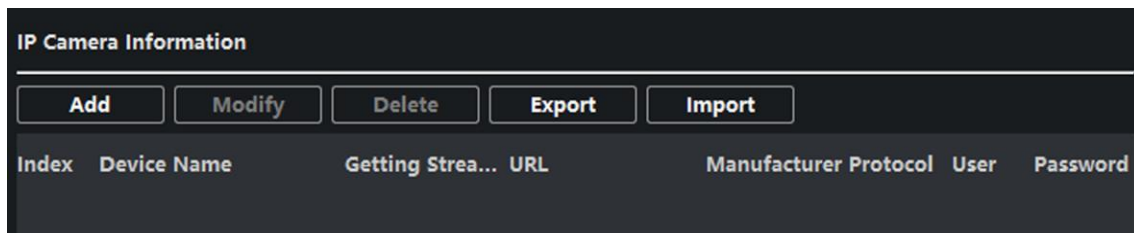


Figure 3-12 IP Camera Information

2. Click **Add** to pop up the device adding dialog box.
3. Enter corresponding information (device name, IP address, port No., user name, password, etc.), and click **OK**.



Note

Indoor extension does not support this function.

Export and Import Added Device Information

Steps

1. Click **Export** to export the added device information file.
2. Edit parameters of added devices in batch in the exported file.
3. Click **Import** to pop up importing box, and open the edited added device information file.

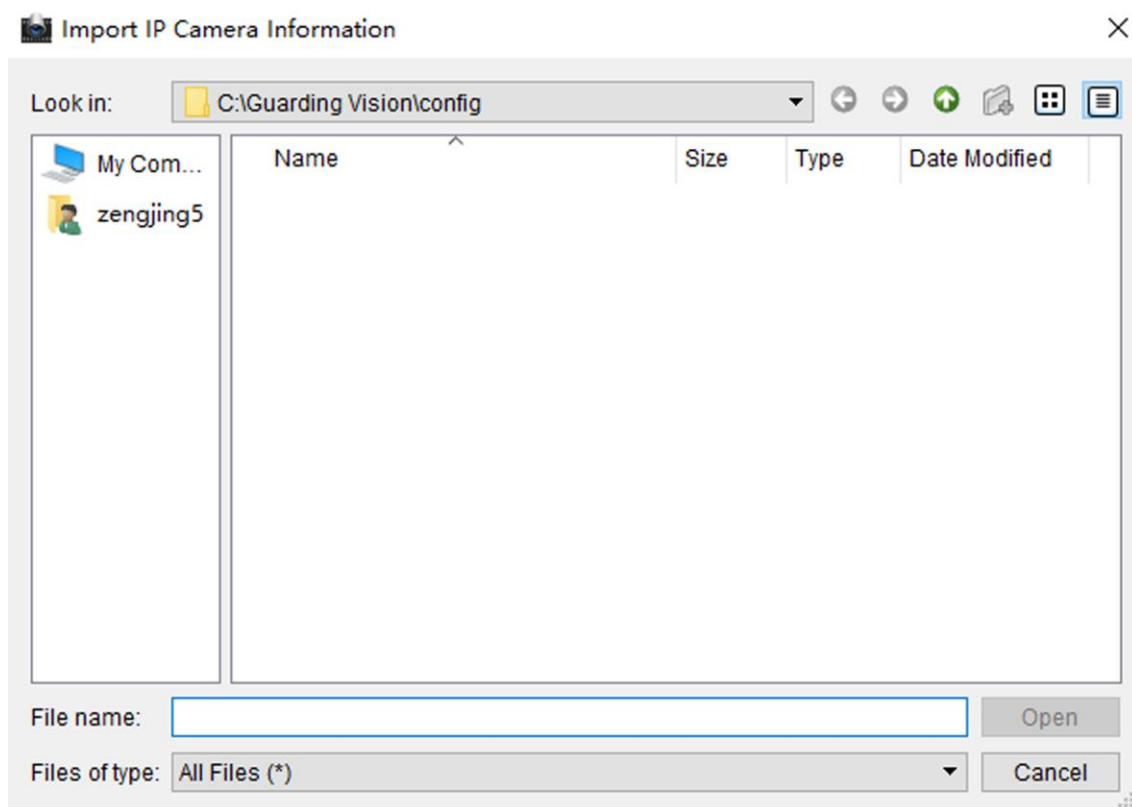


Figure 3-13 Import Added Device Information

Volume Input and Output

Steps

1. Click **Volume Input/Output** to enter the configuring the volume input or output page.

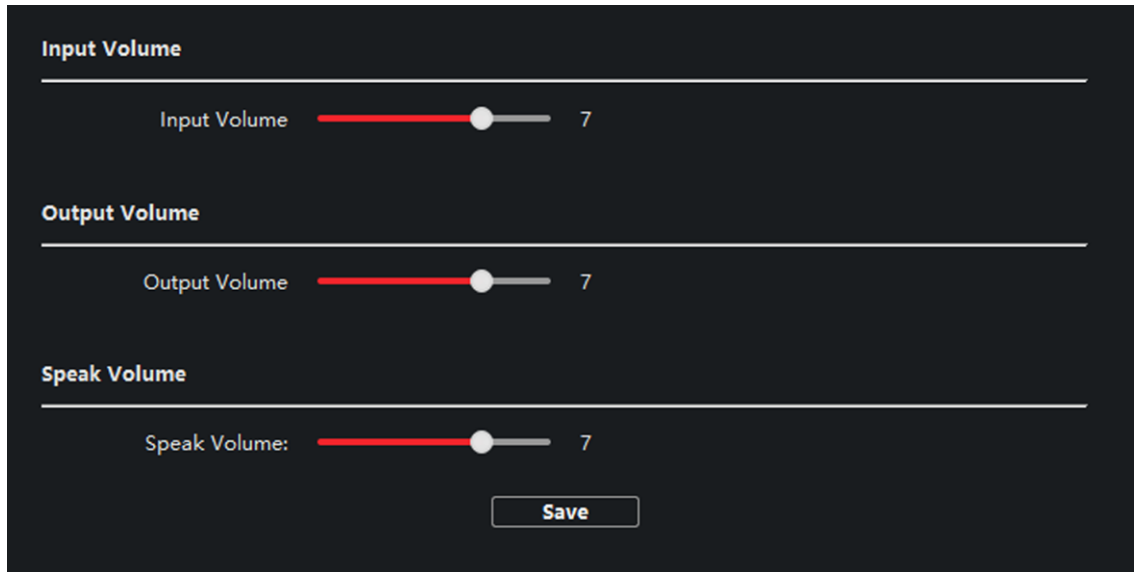


Figure 3-14 Volume Input or Output

- Slide the slider to adjust the input volume, output volume and speak volume.
- Click **Save** to enable the settings.

Ring Import

Steps

- Click **Ring Import** to enter the ring configuration page.

Index	Name	Size	Type	Add	Delete
1				+	x
2				+	x
3				+	x
4				+	x

Figure 3-15 Ring Import

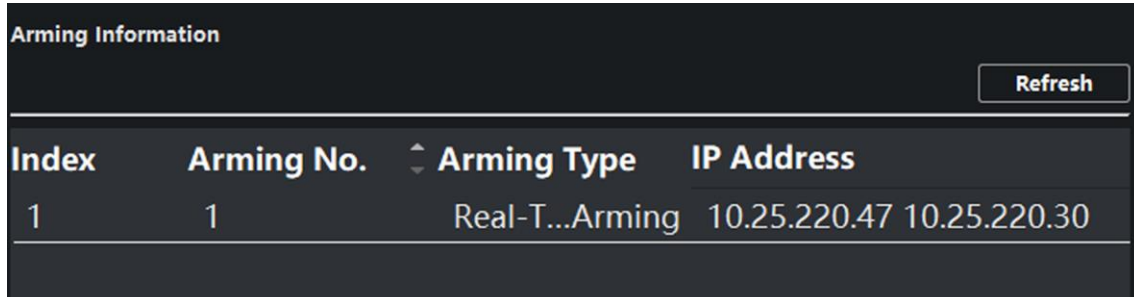
- Click + to add the ring, and click x to delete the imported ring.

Note

- The ring to be imported should be in the wav format, and the size of the ring cannot be larger than 300k.
- Up to 4 rings can be added.

Arming Information

Click **Arming Information** to enter the configuring arming information page and view the arming information.



Index	Arming No.	Arming Type	IP Address
1	1	Real-T...Arming	10.25.220.47 10.25.220.30

Figure 3-16 Arming Information

Click **Refresh** to refresh the arming information.

Relay

Click **Relay** to enter the set relay parameters page.

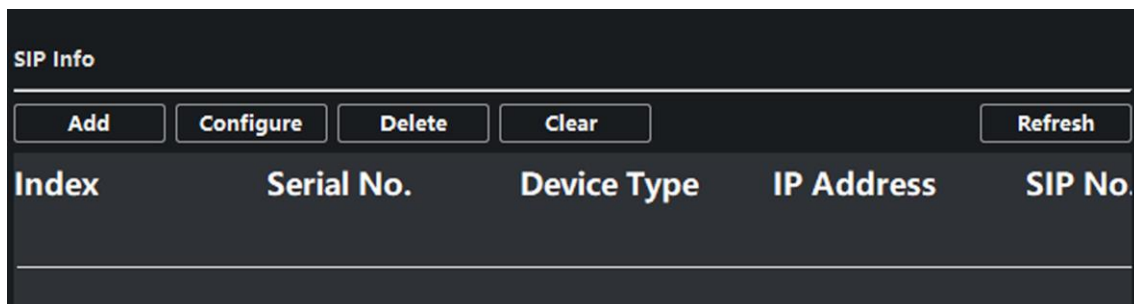
Select a relay and click " " and set the relay name and output delay time. Click **Save** to enable the settings.

Click **Copy to...**, and select a relay you want to copy to. Click **Save** to enable the settings.

SIP No. Settings

Steps

1. Click **SIP No. Settings** to enter the settings page.



Index	Serial No.	Device Type	IP Address	SIP No.
-------	------------	-------------	------------	---------

Figure 3-17 Extension Settings

2. Click **Add**.

Add

Device Type	Indoor Extension ▾
Serial No.	
IP Address	
Gateway	
Subnet Mask	
Password	
SIP No.	10000000000
No.	

Save

Cancel

Figure 3-18 Add SIP Info

3. Select **Device Type** as **Indoor Extension**.
4. Enter the required information.

Serial No.

Enter the device's serial No.. The serial No. is on the rear panel of the device (A fixed-length number with 9 digits).

IP Address

Enter the device's IP address.

Gateway

Enter the device's gateway.

Subnet Mask

Enter the device's subnet mask.

Password

Enter the device password, ranging from 8 to 16 characters in length.

No.

Enter the device No., ranging from 1 to 5.

5. Click **Save** to enable the settings.

6. Set SIP information.

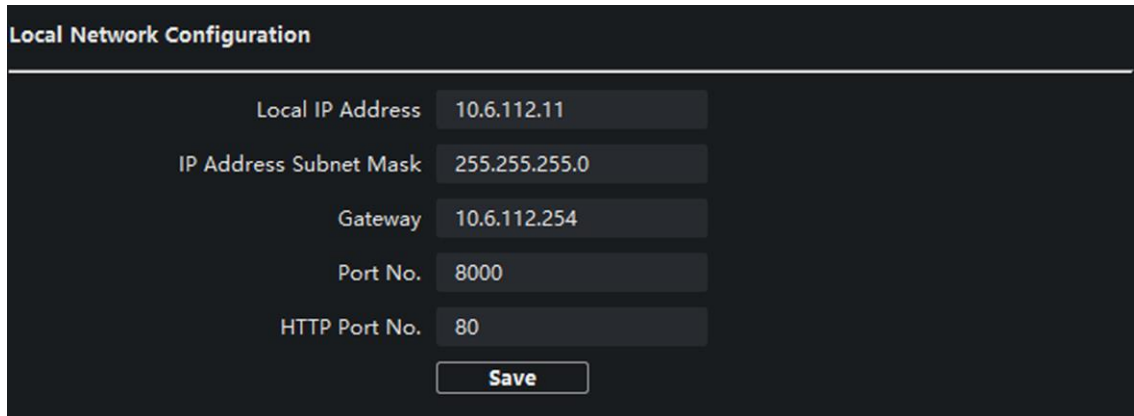
Click Configure	Configure serial No., IP address, gateway, subnet mask, password and No. of the device.
Click Delete	Delete the SIP Number.
Click Clear	Clear all SIP numbers.
Click Refresh	Refresh SIP Information.

3.4.3 Network

Local Network Configuration

Steps

1. Click **Local Network Configuration** to enter the configuring the local network parameters page.



Local Network Configuration	
Local IP Address	10.6.112.11
IP Address Subnet Mask	255.255.255.0
Gateway	10.6.112.254
Port No.	8000
HTTP Port No.	80
Save	

Figure 3-19 Local Network Configuration

2. Enter the **Local IP Address**, **IP Address Subnet Mask**, **Gateway**, **Port No.** and **HTTP Port No.**
3. Click **Save** to enable the settings.

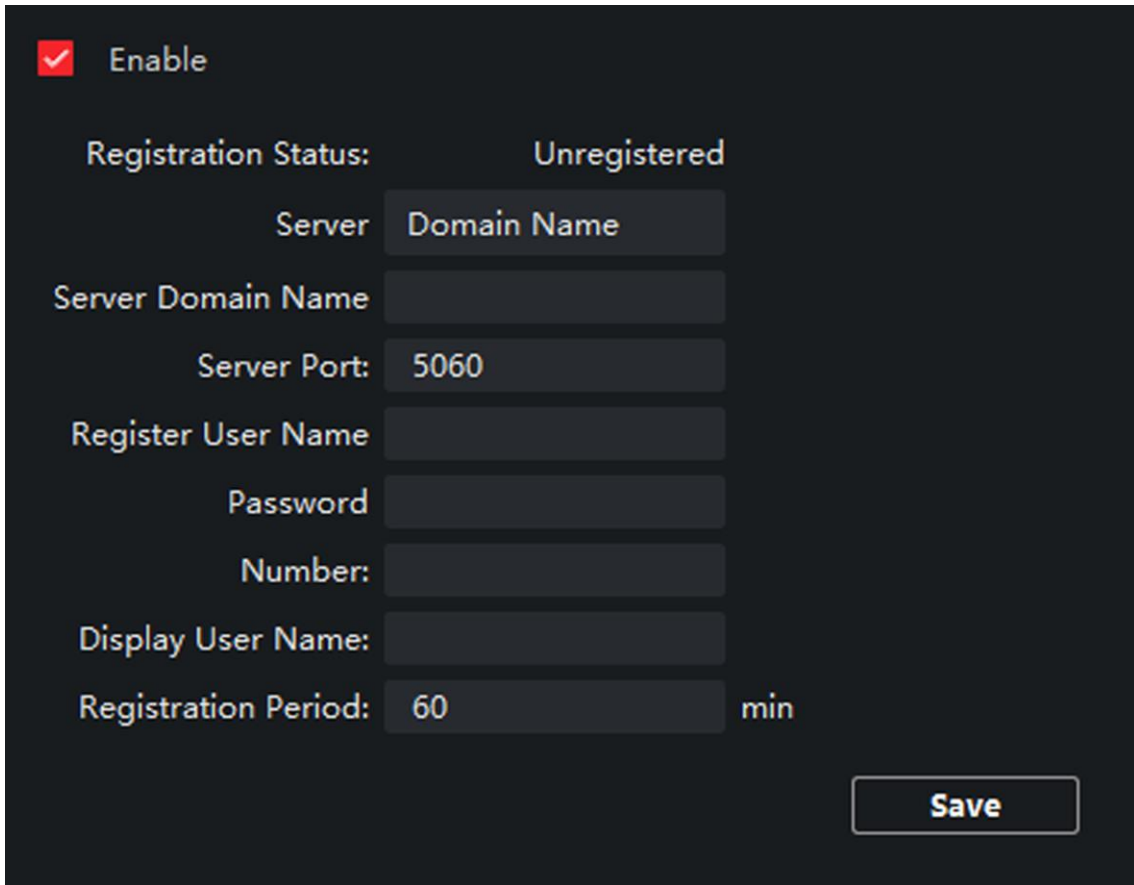
 Note

- The default port No. is 8000.
 - After editing the local network parameters of device, you should add the devices to the device list again.
-

SIP Server Configuration

Steps

1. Click **SIP Server Configuration** to enter the configuring the SIP parameters page.



The image shows a configuration interface for SIP server settings. At the top left, there is a red checkmark icon followed by the text "Enable". Below this, the "Registration Status" is displayed as "Unregistered". The interface contains several input fields: "Server" with the value "Domain Name", "Server Domain Name", "Server Port" with the value "5060", "Register User Name", "Password", "Number:", "Display User Name:", and "Registration Period" with the value "60" and a "min" unit. A "Save" button is located at the bottom right.

Figure 3-20 SIP Server Configuration

2. Click **Enable**.
3. Set the parameters according to your needs.

 Note

- Up to 32 characters are allowed in the Register User Name field.
- Registration password should be 1 to 16 characters in length.
- Up to 32 characters are allowed in the Number field.
- The device location should contain 1 to 32 characters.
- The registration period should be between 15 minutes to 99 minutes.

-
4. Click **Save** to enable the settings.

DNS Settings

The indoor station supports 2 DNS address.

Click **Advanced Settings** to enter DNS address settings page.

Edit the IP address and click **Save**.

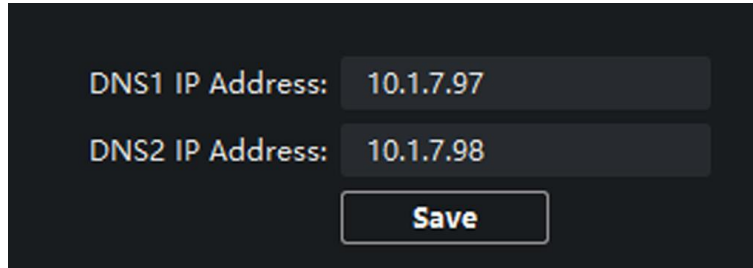


Figure 3-21 DNS Settings

Configure Mobile Client Connection

Configure **Hik-Connect** server parameters before viewing videos via mobile client.

Before You Start

Make sure the indoor station connects to the network.

Steps

1. Click **Hik-Connect** to enter the configuring the settings page.
2. Enable **Enable Hik-Connect**.

Note

- To enable Hik-Connect service, you need to create a verification code or change the verification code.
 - The verification code should be 6 to 12 letters or numbers, case sensitive. You are recommended to use a combination of no less than 8 letters or numbers.
-

3. Enter the **Verification Code** and confirm the verification code.
4. Click **OK**.
5. Enable **Custom** and edit **Service Address**.
6. If you forget the verification code, you can enable **View**.
7. Click **Save** to enable the settings.
8. Optional: Click **Refresh** to refresh the settings.

Group Network Settings

Click **Group Network Settings** to enter the group network settings page.

Group Network Parameters			
Device Type	Indoor Station	SIP No.	10010110001
Community No.	1	Registration Password	
Building No.	1	Master Station IP Addr...	0.0.0.0
Unit No.	1	(Main) Door Station IP ...	192.0.0.65
Floor No.	1	SIP Server IP Address	0.0.0.0
Room No.	1	Doorphone IP Address	0.0.0.0
		Main Door Station Type	Main Door Station ...
		Security Control Panel I...	0.0.0.0
		Security Control Panel P...	0
Save			

Figure 3-22 Group Network Settings

Device No. Settings

Select the device type from the drop-down list, and set the corresponding information.

Note

- Device type can be set as indoor station or indoor extension.
 - When you select indoor extension as device type, the device No. can be set from 1 to 5.
-

Click **Save** to enable the settings.

Linked Device Network Settings

Enter **Registration Password** and set the corresponding information.

Note

- D series refers to door station, and V series refers to villa door station.
- Registration password is the password of the SIP server.

3.5 Person Management

You can add, edit, and delete the organization and person in Person Management module. Organization and person management is necessary for the video intercom function.

On the main page, click **Person** to enter the page.

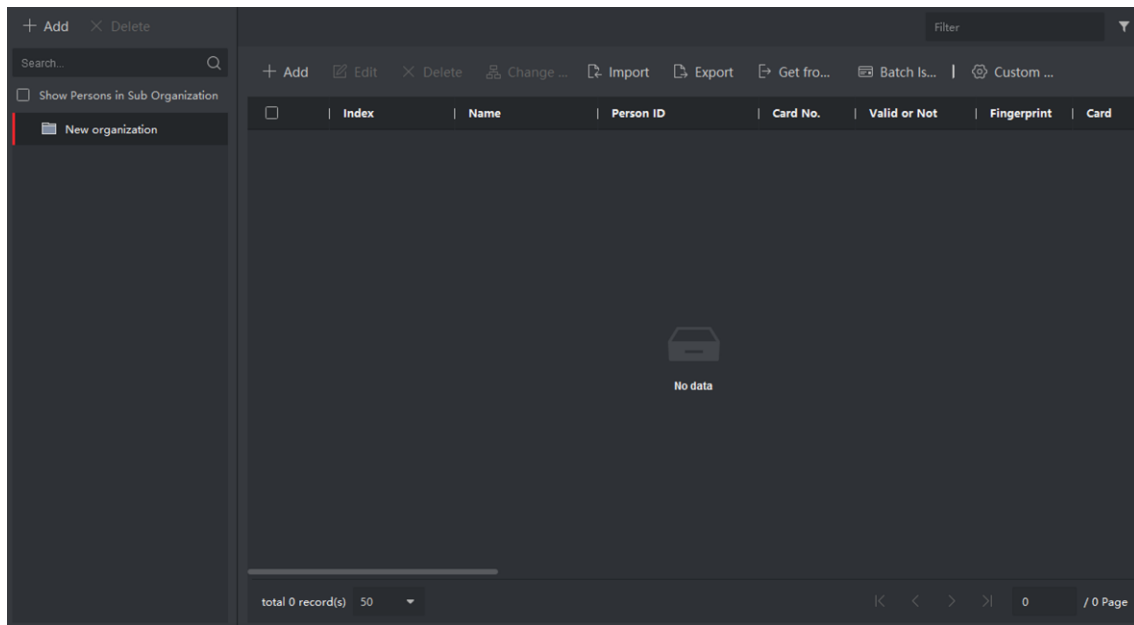


Figure 3-23 Personal Management Application

The page is divided into two parts: Organization Management and Person Management.

Organization Management	You can add, edit, or delete the organization as desired.
Person Management	After adding the organization, you can add the person to the organization and issue card to persons for further management.

3.5.1 Organization Management

On the main page of the Client Software, click **Person** to enter the configuration page.

Add Organization

Steps

1. In the organization list on the left, click **+Add**.
2. Input the organization name as desired.
3. You can add multiple levels of organizations according to the actual needs.
 - 1) You can add multiple levels of organizations according to the actual needs.
 - 2) Then the added organization will be the sub-organization of the upper-level organization.

Note

Up to 10 levels of organizations can be created.

Modify and Delete Organization

You can select the added organization and click  to modify its name.
You can select an organization, and click **X** button to delete it.

Note

- The lower-level organizations will be deleted as well if you delete an organization.
 - Make sure there is no person added under the organization, or the organization cannot be deleted.
-

3.5.2 Person Management

After adding the organization, you can add person to the organization and manage the added person such as issuing cards in batch, importing and exporting person's information in batch, etc.

Note

Up to 10,000 persons or cards can be added.

Add Person

Person information is necessary for the video intercom system. And when you set linked device for the person, the intercom between intercom devices can be realized.

Steps

1. Select an organization in the organization list and click **+Add** on the person panel to pop up the adding person dialog.

Note

The Person ID will be generated automatically and is editable.

2. Set basic person information.

- 1) Enter basic information: name, tel, birthday details, effective period and email address.
 - 2) Optional: Click **Add Face** to upload the photo.
-

Note

The picture should be in *.jpg format.

Click Upload Select the person picture from the local PC to upload it to the client.

Click Take Phone Take the person's photo with the PC camera.

**Click Remote
Collection** Take the person's photo with the collection device.

3. Issue the card for the person.

- 1) Click **Credential** → **Card**.
- 2) Click + to pop up the Add Card dialog.
- 3) Select **Normal Card** as **Card Type**.
- 4) Enter the **Card No**.
- 5) Click **Read** and the card(s) will be issued to the person.

4. Add fingerprints to the person.

- 1) Click **Credential** → **Fingerprint**.
- 2) Click + to pop up the Add Fingerprint dialog.
- 3) Select **Collection Mode**.
- 4) Select **Fingerprint Recorder** or **Device**.
- 5) Click **Start** to collect the fingerprint.
- 6) Click **Add**.

Import and Export Person Information

The person information can be imported and exported in batch.

Steps

1. Exporting Person: You can export the added persons' information in Excel format to the local PC.
 - 1) After adding the person, you can click **Export Person** to pop up the following dialog.
 - 2) Click ... to select the path of saving the exported Excel file.
 - 3) Check the checkboxes to select the person information to export.
 - 4) Click **OK** to start exporting.
2. Importing Person: You can import the Excel file with persons information in batch from the local PC.

- 1) Click **Import Person**.
- 2) You can click **Download Template for Importing Person** to download the template first.
- 3) Input the person information to the downloaded template.
- 4) Click ... to select the Excel file with person information.
- 5) Click **OK** to start importing.

Get Person Information from Device

If the added device has been configured with person information (including person details, fingerprint, issued card information), you can get the person information from the device and import to the client for further operation.

Steps

Note

This function is only supported by the device the connection method of which is TCP/IP when adding the device.

1. In the organization list on the left, select an organization to import the persons.
 2. Click **Get from Device** to pop up the dialog box.
 3. The added device will be displayed.
 4. Click to select the device and then click **Get** to start getting the person information from the device.
-

Note

- The person information, including person details, person's fingerprint information (if configured), and the linked card (if configured), will be imported to the selected organization.
 - If the person name stored in the device is empty, the person name will be filled with the issued card No. after importing to the client.
-

Modify and Delete Person

Select the person and click **Edit** to open the editing person dialog.
To delete the person, select a person and click **Delete** to delete it.

Note

If a card is issued to the current person, the linkage will be invalid after the person is deleted.

Change Person to Other Organization

You can move the person to another organization if needed.

Steps

1. Select the person in the list and click **Change Organization**.
2. Select the organization to move the person to.
3. Click **OK** to save the settings.

A. Relevant Instructions for External Power Supply and Wiring of 2-wire Video Intercom Products (2020-1-20)

Power Description

2-Wire Distributor

DS-KAD706			CH6
16 W	6 W		
DS-KAD704			CH4
			16 W

Modular Door Station

The main module & the sub-module maximum power consumption.

Model	Stable Power Consumption
DS-KD8003-IME2	4 W
DS-KD-KK	0.8 W
DS-KD-KP	1 W
DS-KD-DIS	2.5 W
DS-KD-E	0.8 W
DS-KD-M	0.8 W
DS-KD-INFO	1.5 W

Indoor Station

Model	Stable Power Consumption
DS-KH6320-WTE2	6 W

Example of the Calculation Model of the Modular Door Station Sub-Module

The sum of the power consumption of each module must be less than the total power consumption of the power supply.

2-Wire					
Model	DS-KD8003-IME2	DS-KD-DIS	DS-KD-KP	DS-KD-M	/
Quantity	1	1	2	2	/
Power	4 W	2.5 W	2 W	1.6 W	Total: 10.1 W

Because $10.1 \text{ W} \leq 16 \text{ W}$, we can support powering this device through KAD706 channel 6 or KAD704 channel 4.

2-Wire				
Model	DS-KD8003-IME2	DS-KD-M	DS-KD-KK	/
Quantity	1	1	12	/
Power	4 W	0.8 W	9.6 W	Total: 14.4 W

Because $14.4 \text{ W} \leq 16 \text{ W}$, we can support powering this device through KAD706 channel 6 or KAD704 channel 4.

Wire Testing Standards

- When there are multiple cores in one parallel line, only one pair of closed cores are allowed to transmit signal. It is not allowed to use multiple pair of cores in one cable to transmit signal.
- When using parallel lines, it is suggested to use those with shielding layer. If dual core or multiple core parallel lines without shielding layer are routed, stability of signal transmission can be effected. You need to run a test before installation.
- Impedance of twist pair in network cable are over $42 \Omega/100 \text{ m}$, so network cable cannot transmit enough power to indoor station. Network cable is not allowed to use during installation.
- Strong electricity and weak electricity cannot be wired in the same route, they need to be wired separately and the distance should be more than 0.5 meter.

Table A-1 Table A

Routing Path	Twisted Pair : 24 AWG (0.2 mm ²)	Twisted Pair : 20 AWG (0.5 mm ²)	Twisted Pair : 18AWG (0.8 mm ²)	Twisted Pair : 16AWG (1 mm ²)	Parallel lines (0.5 mm ² to 0.8 mm ²)
DS-KAD706-S-DS-KAD706	Transmission Distance $\leq 60 \text{ m}$	Transmission Distance $\leq 60 \text{ m}$	Transmission Distance $\leq 60 \text{ m}$	Transmission Distance $\leq 50 \text{ m}$	Transmission Distance $\leq 35 \text{ m}$
DS-KAD706-	Transmission	Transmission	Transmission	Transmission	Transmission

Routing Path	Twisted Pair : 24 AWG (0.2 mm ²)	Twisted Pair : 20 AWG (0.5 mm ²)	Twisted Pair : 18AWG (0.8 mm ²)	Twisted Pair : 16AWG (1 mm ²)	Parallel lines (0.5 mm ² to 0.8 mm ²)
DS-KAD706	Distance ≤ 60 m	Distance ≤ 60 m	Distance ≤ 60 m	Distance ≤ 50 m	Distance ≤ 35 m
DS-KAD706- DS-KD8003- IME2	Transmission Distance ≤ 35 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 50 m	Transmission Distance ≤ 35 m
DS-KAD706- DS- KH6320- WTE2	Transmission Distance ≤ 35 m	Transmission Distance ≤ 100 m	Transmission Distance ≤ 100 m	Transmission Distance ≤ 100 m	More parameters in Table B

Routing Path	Parallel lines: 24 AWG (0.2 mm ²)	Parallel lines: 20 AWG (0.5 mm ²)	Parallel lines: 18 AWG (0.8 mm ²)	Parallel lines: 16 AWG (1 mm ²)
DS-KAD706- DS- KH6320-WTE2	Transmission Distance ≤ 50 m	Transmission Distance ≤ 100 m	Transmission Distance ≤ 100 m	Transmission Distance ≤ 100 m

Device Installation

- Installation environment (temperature, moisture etc.) need to follow requirements in specification or power output can be effected.
- Power consumption of modular door station (main module and sub modules) should be less than 12W. Please reach local technical support if you are not sure about power consumption of each module. Door station should be connected to CH6 of the video/audio distributor. If modular door station is connected to any terminal of CH1 to CH5, up to 3 sub modules can be connected.
- Indoor station should be connected to any terminal of CH1 to CH5 of the video/audio distributor.
- Up to 15 video/audio distributor can be cascaded. If more distributors are needed, you should cascade network switch supporting 1000 Mbps. The whole 2-wire system can have up to 500 devices.
- Power supply must be certified by Hikvision.
- Indoor station needs to use firmware released after October, 2019.

B. Communication Matrix and Device Command

Communication Matrix

Scan the following QR code to get the device communication matrix.

Note that the matrix contains all communication ports of Hikvision access control and video intercom devices.



Figure B-1 QR Code of Communication Matrix

Device Command

Scan the following QR code to get the device common serial port commands.

Note that the command list contains all commonly used serial ports commands for all Hikvision access control and video intercom devices.



Figure B-2 Device Command



See Far, Go Further