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HIKVISION DS-K1T671 Series Face Recognition Terminal User Guide

DS-K1T671(B) Series Face Recognition Terminal
Quick Start Guide
UD27101B

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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 on the Hikvision website (**hps://www.hikvision.com/**). Please use this Manual with the guidance and assistance of professionals trained in supporting the Product. Trademarks and other Hikvision trademarks and logos are the properties of Hikvision in various jurisdictions. Other trademarks and logos mentioned are the properties of their respective owners. Disclaimer

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Data Protection During the use of the 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 a device with facial recognition features, biometrics data is stored in your device with an encryption method; for a fingerprint device, only a fingerprint template will be saved, which is impossible to reconstruct a fingerprint image. As a 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 effecveness of your security controls. Scan the QR code to get the user manual for detailed informal

http://enpinfodata.hikvision.com/analysisQR/showQR/90b92509

Use only power supplies listed in the user instructs

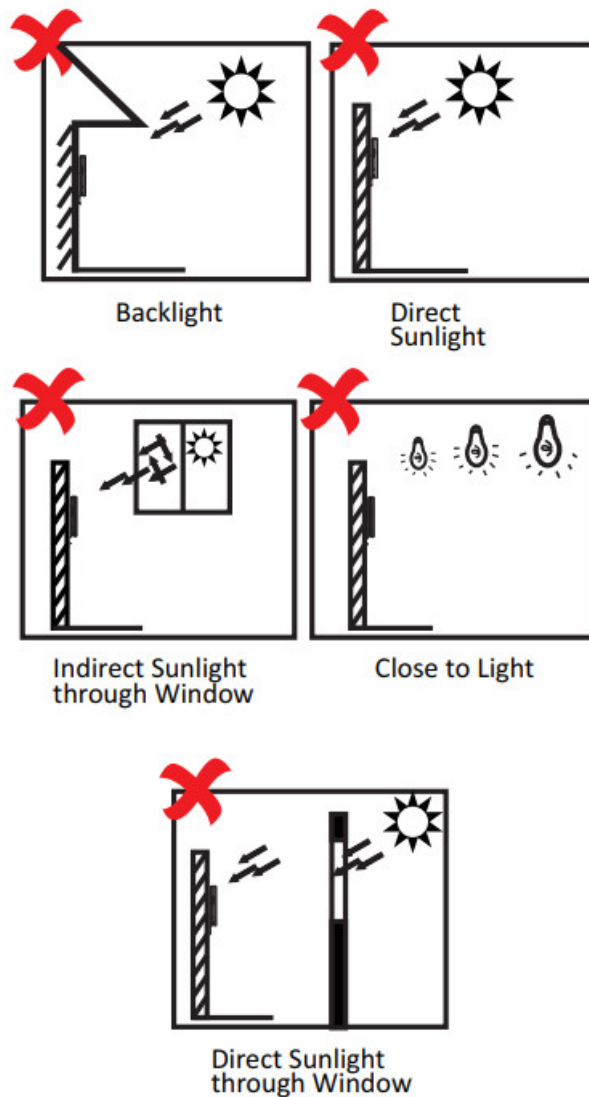| Model	Manufacturer
C2000IC12.0-24P-DE	MOSO Power Supply Technology Co., Ltd
C2000IC12.0-24P-GB	MOSO Power Supply Technology Co., Ltd
ADS-24S-12 1224GPG	Shenzhen Honor Electronic Co., Ltd

Contents

Installation

Installavironment:

Indoor and outdoor installae supported.

If installing the device outdoors, you should apply Silicone sealant among the cable wiring area to keep the raindrop from entering.

Backlight   Direct Sunlight

Indirect Sunlight through Window   Close to Light

Direct Sunlight through Window

Before you start:

According to the baseline on the contemplate, semplate on the wall or other surface, 1.4 meters higher than the ground.

 Make sure the output of external power supply fulfils LPS.

1. Drill holes on the wall or other surface according to the mounting plate and install the gang box.

2. Use two supplied screws(4_KA4x22-SUS) to secure the mount on the gang box.

   Use another four supplied screws to secure the mount on the wall.

   Route the cables through the cable hole of the mount, and connect to the corresponding external device's cables.

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

3. Insert the fingerprint module into the holes at the boom of the main part.

4. Align the device with the mount and hang the terminal on the mount.

5. Make sure the two sheets on each side of the mounting plate have been in the holes at the back of the device. Use two supplied screws (SC-M4x12TP10-SUS) to secure the device and the mouse.
6. After install the proper use of the device (outdoor use), some supplied) on the screen.

Apply Silicone sealant
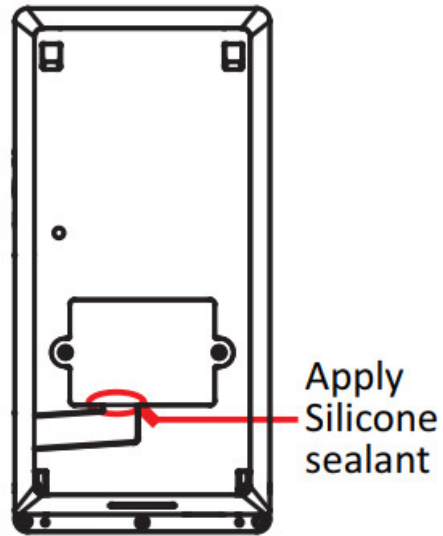
- The installation here is the recommended height. You can change it according to your actual needs.
- You can also install the device on the wall or other places without the gang box. For details, refer to the User Manual.
- For easy installable according to the supplied contemplate.
- You should purchase the gang box separately.

Dimension:

IR Light   IR Light   USB Interface

116.5 mm   33 mm

White Light

Camera

290 mm

Screen

Card Presenting Area

Fingerprint Scanner

SIM Card Slot
(Reserved)

Debugging Port
(For debugging only)

Power Interface

Wiring Terminal

TF Card Slot
(Reserved)
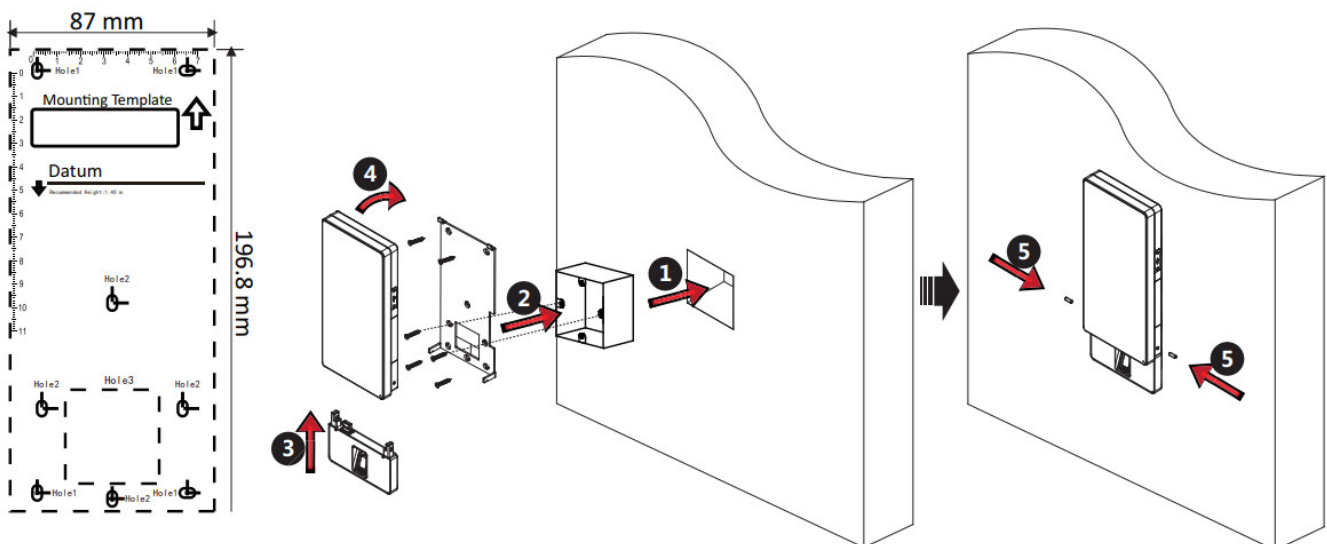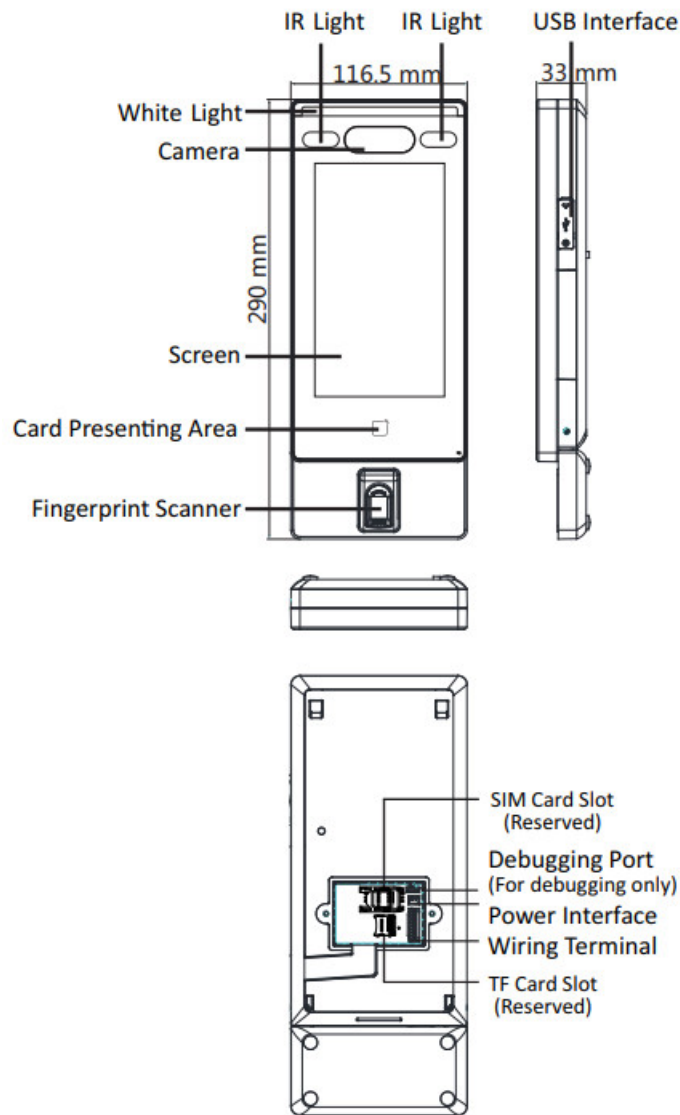
The figures are for reference only.

Wiring (Normal)

Power Input	+12V A1 Red +12V	
	GND A2 Black GND	
	Group A	

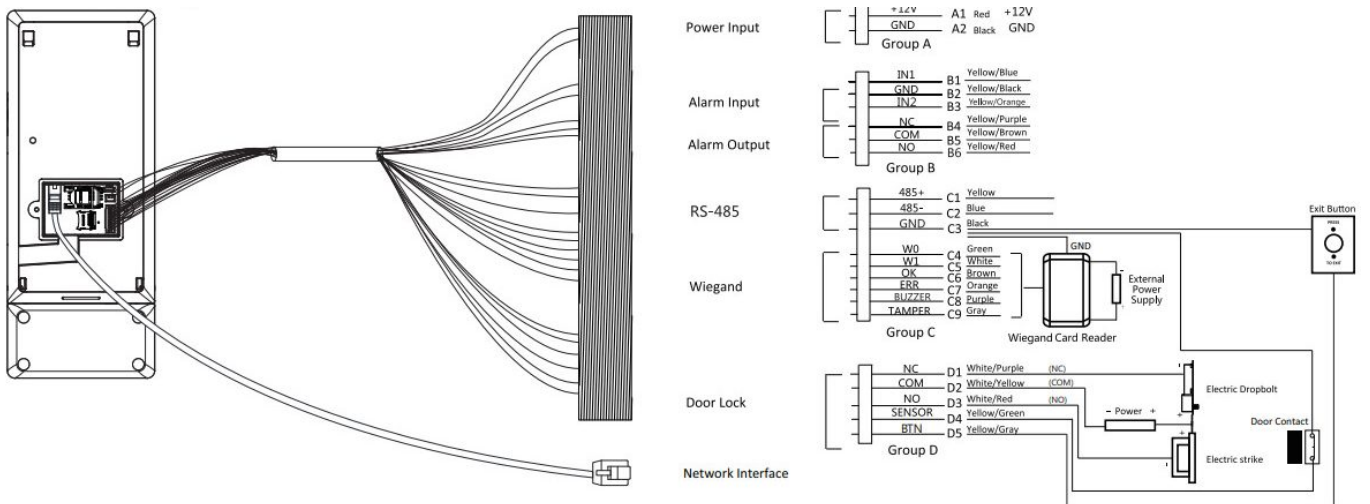|		
Alarm Input	IN1 B1 Yellow/Blue	
	GND B2 Yellow/Black	
	IN2 B3 Yellow/Orange	
Alarm Output	NC B4 Yellow/Purple	
	COM B5 Yellow/Brown	
	NO B6 Yellow/Red	
	Group B	

RS-485	485+ C1 Yellow
	485- C2 Blue
	GND C3 Black

Wiegand	W0 C4 Green
	W1 C5 White
	OK C6 Brown
	ERR C7 Orange
	BUZZER C8 Purple
	TAMPER C9 Gray
	Group C

GND

External Power Supply

Wiegand Card Reader

Exit Button

PRESS
To exit

Door Lock	NC D1 White/Purple (NC)
	COM D2 White/Yellow (COM)
	NO D3 White/Red (NO)
	SENSOR D4 Yellow/Green
	BTN D5 Yellow/Gray
	Group D

Electric Dropbolt

– Power +

Door Contact

Electric strike

Network Interface

- When cone contact and exit button, the device, and the RS-485 card reader should use the same common ground connect
- The Wiegand terminal here is a Wiegand input terminal. You should set the device's Wiegand direct "input". If you should connect to an access controller, you should set the Wiegand direct "Output". For details, see the user manual.
- The suggested external power supply for door lock is 12 V, 1 A.
- The suggested external power supply for the Wiegand card reader is 12 V, 1 A.
- For wiring, the fire system, see the user manual.
- Do not wire the device to the electric supply directly.

2.2 Device Wiring (With Secure Door Control Unit
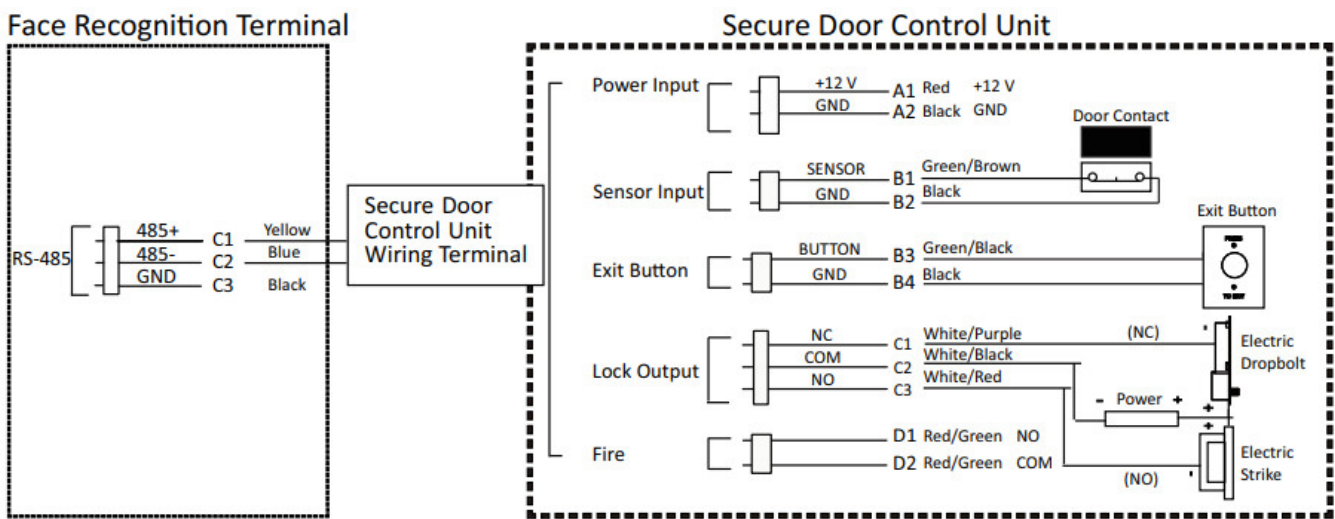
- The secure door control unit should connect to an external power supply separately. The suggested external power supply is 12 V, 0.5 A.
- For scenarios with high safety requirements, use the secure door control unit wiring first.
- You can ask technical support to purchasing for the secure door control unit separately.
- The picture here are parts of the wiring. For details, see the secure door control unit's user manual.

Quick Operation

- **Activation**

  Power on and wire the network cable after installation. You should activate the device before the first login. If the device is not activated yet, it will enter the Activate Device page after powering on.

  Step:

  1. Create a password and confirm the password.

  2. Tap Activate to activate the device.

 For other activation methods, see the device user manual. admin or minda are not supported for the activation password.

• **Steps Afterwards**

After activating, you can select language, set password change type, set reserved questions, set application mode, set network parameters, access to Hik-Connect, set privacy, and set administrator.

STRONG PASSWORD RECOMMENDED-We highly recommend you create a strong password of your own choosing(using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high-security system, resetting the password. monthly or weekly can better protect your product. ,

Add Face Picture

1. Use finger to hold the screen surface for 3 s and slide to right/and enter the card to enter the Home page.

2. Enter the User Management page, tap + to enter the Add User page.

3. Set the user parameters according to actual needs. Only the device with the fingerprint module supports the fingerprint related func

4. Tap Face and add the face informaording to the instructor You can view the captured picture on the screen, Make sure the face picture is in good quality and size.

   For details about the ollec comparing the face picture, see the contents on the right.

5. If the picture is in good condiap the. Or tap the to take another face picture.

6. Tap the save icon to save these Go back to the indie to start Athena For other authentic Use other authenticated by the light or other items.

Biometric recognioducts are not 100% applicable to anspoofing environments. If you require a higher security level, use mula
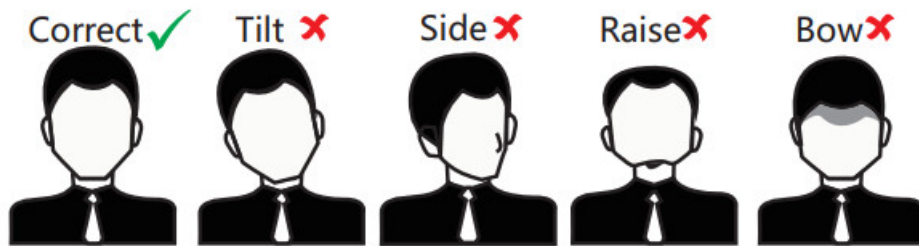
Tips When Collec/Comparing Face Picture

Expression

- Keep your expression naturally when collecting or comparing face pictures, just like the expression in the picture on the right.

- Do not wear a hat, sunglasses, or other accessories that can affect the facial recogni

- Do not make your hair cover your eyes, ears, etc., and heavy makeup is not allowed.
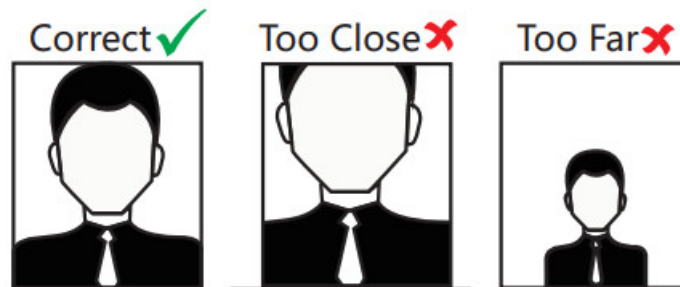

Posture

In order to get good quality and accurate face picture, post your face looking at the camera when collecting or comparing face pictures.
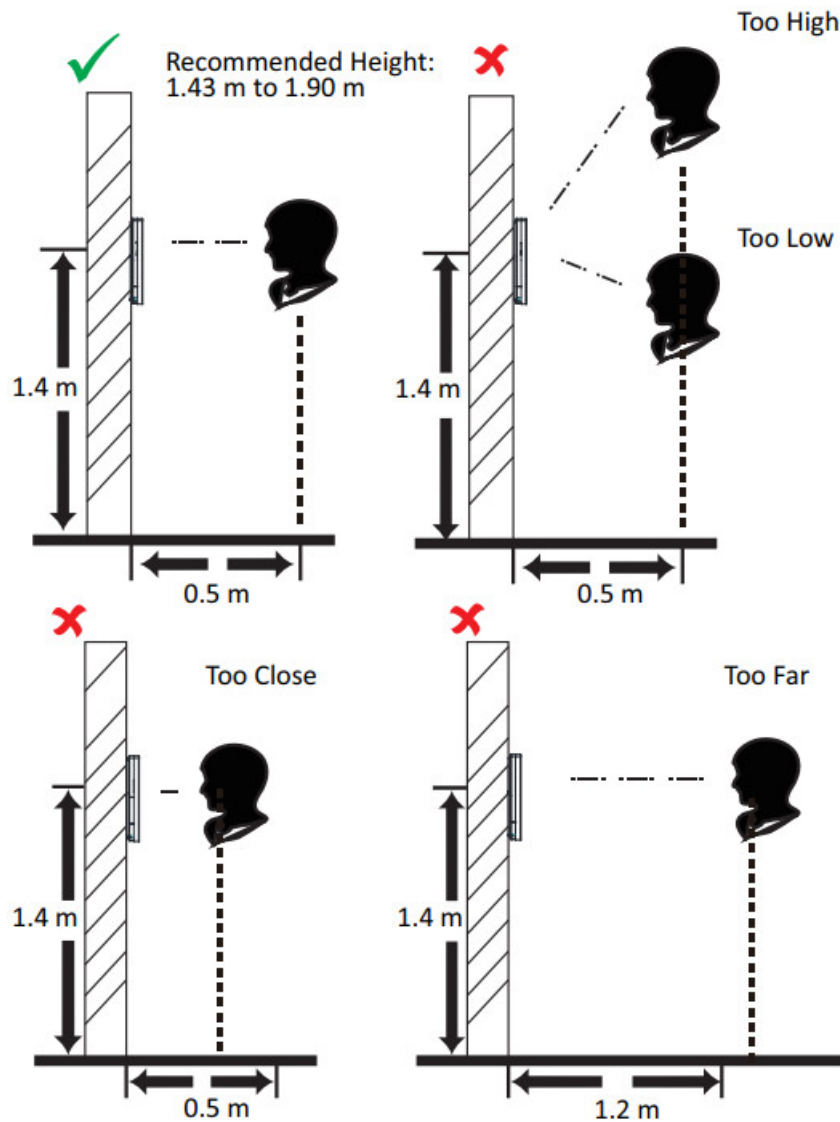

Size
Make sure your face is in the middle of the collec.

Positions When Collecting/Comparing Face Pictures

Regulatory Information

FCC Informa

Please take aent changes or modificaxpressly 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 residential equipment that generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction cause harmful interference to radio communicative, there is no guarantee that interference will not occur in a parallel does cause harmful interference to radio or television reception 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 of 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 Condi

This device complies with part 15 of the FCC Rules. Opera the following two condi

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

CE 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 RE Direct 2014/53/EU, the EMC Direct 2014/30/EU, the RoHS Direct 2011/65/EU.

2006/66/EC (baery direce): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation specific baery informaery is marked with this symbol, which may include leering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the bakery to your supplier or to a designated collect. For more informal **www.recyclethis.info**

2012/19/EU (WEEE direce): 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 collects. For more informa.recyclethis.info

Warning

- In the use of the product, you must be in strict compliance with the electrical safety regulator of the region.
- **CAUTION:** To reduce the risk of fire, replace only with the same type and ra
- **CAUTION:** This equipment is for use only with Hikvision's bracket. Use with other (carts, stands, or carriers) may result in instability causing injury. To prevent possible hearing damage, do not listen to high volume levels for long periods.
- Please use the power adapter, which is provided by a normal company. The power consumpannot be less than the required value.
- Do not connect several devices to one power adapter as adapter overload may cause overheating 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 a wall or ceiling, the device shall be firmly fixed.
- If smoke, odors, or noise rises 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.)
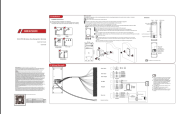
Caution

- + idene terminal(s) of equipment which is used with, or generates direct current. + idenae terminal(s) of equipment which is used with, or generates direct current.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- The USB port of the equipment is used for conneco a USB flash drive only.
- The serial port of the equipment is used for debugging only.
- Burned fingers when handling the fingerprint sensor metal . Wait one-half hour aer switching off before handling the parts.

- Install the equipment according to the instruc

- To prevent injury, this equipment must be securely aached to the floor/wall in accordance with the installatruc

- Do not drop the device or subject it to physical shock, and do not expose it to high electromagneadiavoid the equipment installaaace or places subject to shock (ignorance can cause equipment damage).

- Do not place the device in extremely hot (refer to the specificaor the detailed operaemperature), cold, dusty or damp locaxpose it to high electromagneadia

- The device cover for indoor use shall be kept from rain and moisture.

- Exposing the equipment to direct sun light, low vent 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 malfuncever), and affecance of sensor at the same 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 coaover.

- Please use a soaces of the device cover, do not use alkaline detergents.

- Please keep all wrappers aer unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper.

- Transportaapper may result in damage on the device and lead to addiosts.

- Improper use or replacement of the baery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used baeries according to the instruc provided by the baery manufacturer.

- Biometric recognioducts are not 100% applicable to an environments. If you require a higher security level, use mula modes.

- Please make sure that the biometric recogniacy will be affected by the collected pictures' quality and the light in the environment, which cannot be 100% correct.

Documents / Resources

	HIKVISION DS-K1T671 Series Face Recognition Terminal [pdf] User Guide K1T671BTMF, 2ADTD-K1T671BTMF, 2ADTDK1T671BTMF, DS-K1T671 Series Face Recognition Terminal, Face Recognition Terminal

References

- ⊕ **Hikvision US | The world's largest video surveillance manufacturer |**
- ⊕ **HOME**