



WORLD EYECAM 1036 Network Video Recorder User Guide

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WORLD EYECAM 1036 Network Video Recorder



Quick Start Guide

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 in the company website. Please use this user manual under the guidance of professionals.

Trademarks Acknowledgement

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- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

Legal Disclaimer

REGARDING TO THE PRODUCT WITH INTERNET ACCESS, THE USE OF THE PRODUCT SHALL BE WHOLLY AT YOUR OWN RISK. OUR COMPANY SHALL NOT TAKE ANY RESPONSIBILITY FOR ABNORMAL OPERATIONS, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER ATTACKS, HACKER ATTACKS, VIRUS INSPECTIONS, OR OTHER INTERNET SECURITY RISKS; HOWEVER, OUR COMPANY WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED. SURVEILLANCE LAWS VARY BY JURISDICTION. PLEASE CHECK ALL RELEVANT LAWS IN YOUR JURISDICTION BEFORE USING THIS PRODUCT IN ORDER TO ENSURE THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. OUR COMPANY SHALL NOT BE LIABLE IN THE EVENT THAT THIS PRODUCT IS USED WITH ILLEGITIMATE PURPOSES. IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATTER PREVAILS.

Regulatory Information

FCC STATEMENT

Please take attention that changes or modifications 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 A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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 LVD Directive 2014/35/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 (A)/NMB-3(A) standards requirements.

Symbol Conventions

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

Symbol	Description
 NOTE	Provides additional information to emphasize or supplement important points of the main text.
 WARNING	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 DANGER	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Instructions

- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
- Firmly connect the plug to the power socket. Do not connect several devices to one power adapter. Power off the device before connecting and disconnecting accessories and peripherals.
- Shock hazard! Disconnect all power sources before maintenance.
- The equipment must be connected to an earthed main socket outlet.
- The socket outlet shall be installed near the equipment and shall be easily accessible.
-  indicates hazardous live and the external wiring connected to the terminals requires installation by an instructed person.
- Never place the equipment in an unstable location. The equipment may fall, causing serious personal injury or death.
- Input voltage should meet the SELV (Safety Extra Low Voltage) and the LPS (Limited Power Source) according to the IEC60950-1.
- High touch current! Connect to Earth before connecting to the power supply.
- If smoke, odor or noise rises from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- Use the device in conjunction with a UPS, and use a factory-recommended HDD if possible.
- This product contains a coin/button cell battery. If the battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- This equipment is not suitable for use in locations where children are likely to be present.
- **CAUTION:** Risk of explosion if the battery is replaced by an incorrect type.
- Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).

- Do not dispose of the battery into a fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
- Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
- Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
- Dispose of used batteries according to the instructions
- Keep body parts away from fan blades and motors. Disconnect the power source during servicing.

Preventive and Cautionary Tips

Before connecting and operating your device, please be advised of the following tips:

- The device is designed for indoor use only. Install it in a well-ventilated, dust-free environment without liquids.
- Ensure the recorder is properly secured to a rack or shelf. Major shocks or jolts to the recorder as a result of dropping it may cause damage to the sensitive electronics within the recorder.
- The equipment shall not be exposed to dripping or splashing and no objects filled with liquids shall be placed on the equipment, such as vases.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc. The openings shall never be blocked by placing the equipment on a bed, sofa, rug or other similar surface.
- For certain models, ensure correct wiring of the terminals for connection to an AC mains supply.
- For certain models, the equipment has been designed, when required, modified for connection to an IT power distribution system.
- Use only power supplies listed in the user manual or user instructions.

Chapter 1 Rear Panel Interfaces Description

The rear panel interfaces vary with different models. Refer to Table 1-1 for the common interface description.

Table 1-1 Common Interfaces Description of Rear Panel

Item	Description	Item	Description
VIDEO IN	BNC interface for Turbo HD and analog video input	VIDEO OUT	BNC connector for video output
AUDIO IN	RCA connector for audio input	AUDIO OUT	RCA connector for audio output
LINE IN	RCA connector for two-way audio input	USB	Universal Serial Bus (USB) interface for mouse, keyboard, or USB flash drive
VGA	DB15 connector for local video output and menu display	HDMI	HDMI interface for video output
RS-485	RS-485 serial interface for pan/tilt unit, speed dome, etc	RS-232	RS-232 interface for parameter configuration, or transparent channel
LAN	RJ-45 self-adaptive Ethernet interface	eSATA	Storage and expansion interface for record or backup
ALARM IN/OUT	Alarm input/output interface	GND	Ground
Power Switch	Switch for turning on/off the device	Power Supply	100 to 240 VAC, 48 VDC, or 12 VDC power supply, different models vary

Device Installation

During the installation of the device:

- Use brackets for rack mounting.
- Ensure ample room for audio and video cables.
- When routing cables, ensure the bend radius of the cables are no less than five times of its diameter.
- Allow at least 2 cm (≈0.75 inch) of space among racks-mounted devices.
- Ensure the device is grounded.
- The environmental temperature should be within the range of -10 °C to 55 °C (14 °F to 131 °F).
- Environmental humidity should be within the range of 10% to 90%.

HDD Installation

Before you start

- Ensure the power is disconnected.
- Prepare a factory recommended HDD and cross screwdriver.

Fix-on-Bottom Installation

Fix-on-bottom installation is applicable when it requires installing the HDD at the internal bottom.

STEP 1 Unfasten screws on each panel to remove the device cover. Refer to Figure 2-1.

STEP 2 Connect the data cable and power cable. Refer to Figure 2-2.

STEP 3 Match HDD screw threads with the reserved holes on the device bottom, and fix HDD with screws. Refer to Figure 2-3.

NOTE

You can repeat the steps above to install other HDDs.

STEP 4 Reinstall the device cover and fasten the screws.

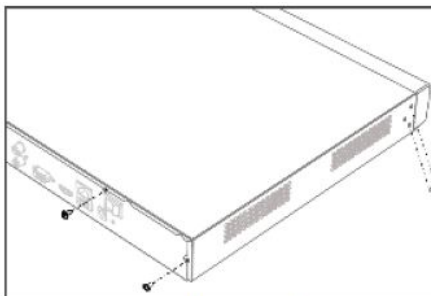


Figure 2-1 Remove Cover

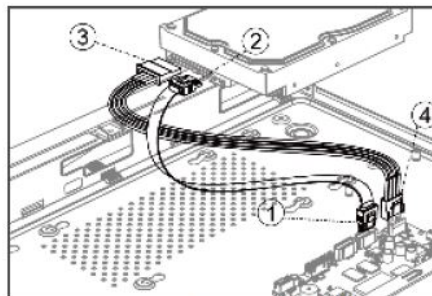


Figure 2-2 Connect Cable

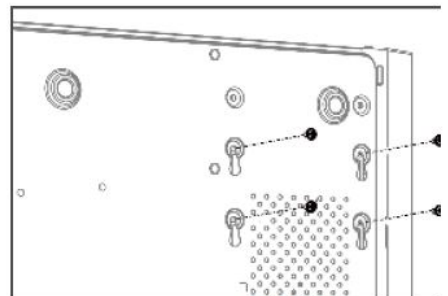


Figure 2-3 Fix HDD

Bracket Installation

Bracket installation is applicable when it requires removing the device cover and installing HDD on the internal bracket.

STEP 1 Unfasten the screws on the back, and push the cover backward to remove the cover. Refer to Figure 2-4.

STEP 2 Fix the HDD on the bracket with screws. Refer to Figure 2-5.

NOTE

Please uninstall the upper layer bracket first before installing HDD on the lower layer bracket.

STEP 3 Connect the data cable and power cable. Refer to Figure 2-6.

NOTE

You can repeat the steps above to install other HDDs.

STEP 4 Reinstall the device cover and fasten the screws.

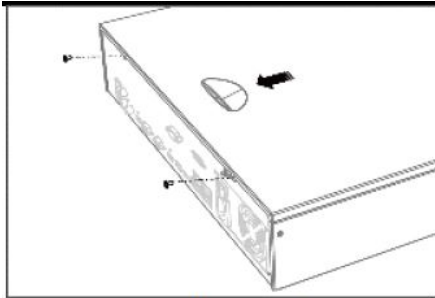


Figure 2-4 Remove Cover

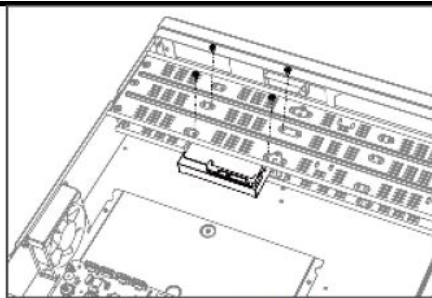


Figure 2-5 Fix HDD

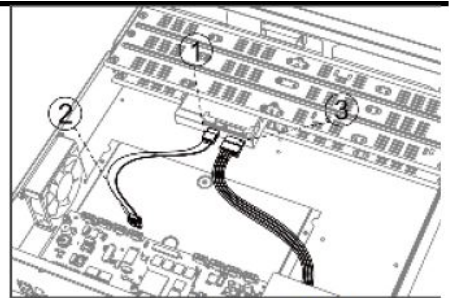


Figure 2-6 Connect Cable

Front Panel Plug-Pull Installation

Front panel plug-pull installation is applicable when it requires opening the device's front panel with key.

STEP 1 Fix mounting ears to HDD with screws. Refer to Figure 2-7.

STEP 2 Use the attached key to unlock the front panel, and press buttons on both sides to open the front panel. Refer to Figure 2-8.

STEP 3 Insert the HDD until it is firmly fixed. Refer to Figure 2-9

NOTE

You can repeat the steps above to install other HDDs.

STEP 4 Close the front panel and lock it with key.

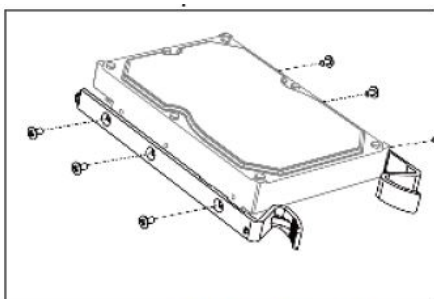


Figure 2-7 Fix Mounting Ear

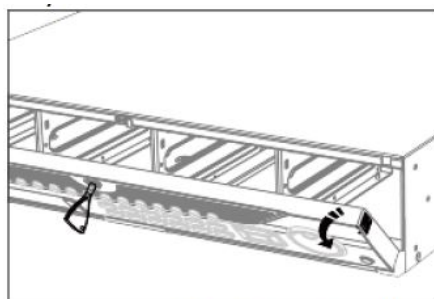


Figure 2-8 Open Front Panel

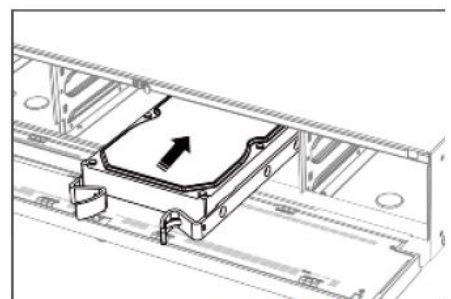


Figure 2-9 Insert HDD

Chapter 3 Menu Operation

Startup

The proper startup is crucial to expand the life of your device. It is HIGHLY recommended to use an Uninterruptible

Power Supply (UPS) with the device.

STEP 1 Plug the power supply into an electrical outlet.

STEP 2 Press the power button (certain models may have a power button on the front or rear panel). The device

begins to start.

Activate Your Device

No operation is allowed before activation. For first-time access, it requires setting an admin password for device activation. You can also activate the device via web browser, SADP or client software.

STEP 1 Select a language.

STEP 2 Click Next.

STEP 3 Enter the same password in Password and Confirm Password.

WARNING

STRONG PASSWORD RECOMMENDED—We highly recommend you create a strong password of your own choosing (Using a minimum of 8 characters, including at least three of the 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 reset your password regularly, especially in the high-security system, resetting the password monthly or weekly can better protect your product.

Activate network camera(s) connected to the device.

STEP 4 Check Use Device Password to use the device password to activate the inactive network cameras(s). Enter a password to activate the network camera(s). (Optional) Set email address for password resetting. When you forget your password, you can reset it by email.

Click Activate.

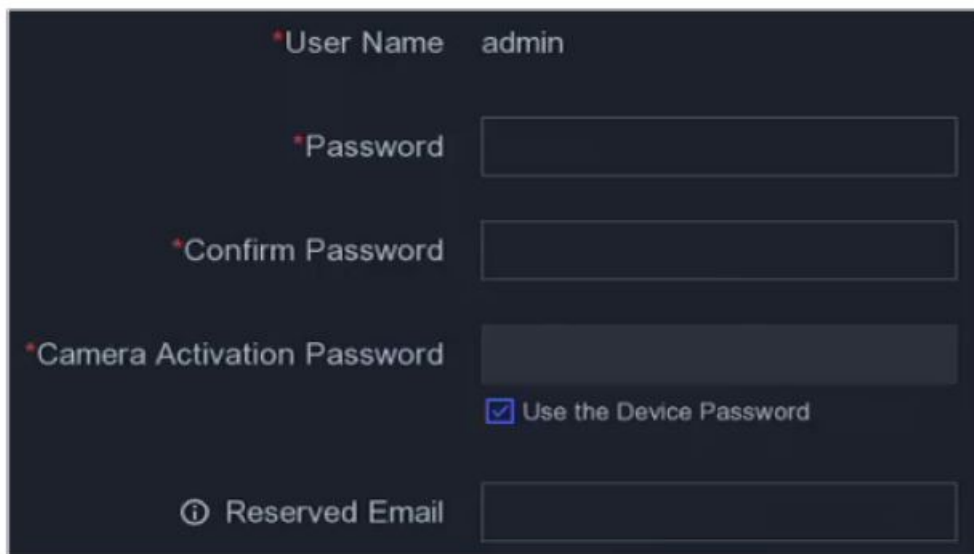
The image shows a dark-themed user interface for device activation. It contains several input fields and a checkbox. The 'User Name' field is pre-filled with 'admin'. The 'Password', 'Confirm Password', and 'Camera Activation Password' fields are empty. Below the 'Camera Activation Password' field is a checkbox labeled 'Use the Device Password' which is checked. At the bottom, there is an 'i Reserved Email' label and an empty input field.

Figure 3-1 Set Admin Password

Login Unlock Pattern

For the Admin user, you can set the unlock pattern for device login after it is activated.

STEP 1 Use the mouse to draw a pattern among the 9 dots on the screen. Release the mouse when the pattern is done.

NOTE

- The pattern shall have 4 dots at least.
- Each dot can be connected for once only.

STEP 2 Draw the same pattern again to confirm it.



Figure 3-2 Set Unlock Pattern

User Login

You have to log in to the device before operating the menu and other functions.

STEP 1 Select the user account.

STEP 2 Enter the password for the selected user.


STEP 3 Click Login.

NOTE

For the admin, if you have entered the wrong password for 7 times, the account will be locked for 60 seconds. For the operator, if you have entered the wrong password for 5 times, the account will be locked for 60 seconds.

User Logout, Shutdown and Reboot

You can log out of the system, shut down, or reboot the device.

STEP 1 Click  at the upper-right corner.

STEP 2 Click Logout, Shutdown, or Reboot as your desire.

Add Network Cameras

Before you can get live video or record the video files, you should add network cameras to the device.

Before you start

Ensure the network connection is valid and correct, and the network camera has already been activated.

Ensure the network connection is valid and correct, and the network camera has already been activated.

STEP 1 Go to Configuration > Camera > IP Camera.

STEP 2 Click .

STEP 3 Set the IP camera parameters, including IP address, protocol, management port, etc. You can enable Use

Camera Activation Password to use the device password to add the IP camera.

STEP 4 (Optional) Click Add More to add other IP cameras.

STEP 5 Click OK.

No.	IP Address	Status	Protocol	Management P...	Device
1	192.168.1.10	Warning	RTSP	8000	08-28

IP Camera Address: 192.168.1.10

Protocol: RTSP

Management Port: 8000

Transfer Protocol: Auto

User Name: admin

Camera Password:

Use Camera Activation: ☐

Buttons: Add More, Add, Cancel

Figure 3-3 Add IP Camera

Network Settings

Configure General Settings

You shall properly configure the network settings before you operate your device over network.

STEP 1 Go to Configuration > Network > General.

STEP 2 Set the general network parameters.

STEP 3 Click Apply.

DHCP (IPv4) ☒

IP Address: 192.168.1.10

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

Auto Obtain DNS ☒

Preferred DNS Server: 192.168.1.1

Alternate DNS Server: 192.168.1.1

Apply

Figure 3-4 Network Settings


Configure ENS Vision

ENS Vision provides mobile phone application and platform service to access and manage your connected devices, which enables you to get a convenient remote access to the surveillance system.

STEP 1 Go to Configuration > Network > ENS Vision.

STEP 2 Turn on Enable to activate the function and accept service terms. The service terms will pop up.

1. Scan the QR code to read the service terms and privacy statement.
2. Check I have read and agree to Service Terms and Privacy Statement if you agree the service terms and privacy statement.
3. Click OK to save the settings.

STEP 3 Click  to set verification code.

STEP 4 Enable Platform Time Sync, the device will sync time with the platform server instead of NTP server.


STEP 5 (Optional) Check Stream Encryption. It requires to enter verification code in remote access and live view after this function is enabled.

STEP 6 (Optional) Edit Server IP.

STEP 7 Bind your device with a ENS Vision account.

1. Use a smart phone to scan the QR code, and download ENS Vision app.
2. Use ENS Vision to scan the device QR, and bind the device.

NOTE

- If the device is already bound with an account, you can click Unbind to unbind with the current account.
- You can also use the QR code in  at the upper-left corner to download ENS Vision and bind your device.

STEP 8 Click Apply.

What to do next

After configuration, you can access and manage your devices via ENS vision app or website.

Live View and Record Settings

- Live view shows you the video image getting from each camera in real time. The device will automatically enter
- live mode when powered on. In the live mode, there are icons at the right top of the screen to indicate the status of record and alarm for each channel.
- Live View Icons
- In the live view mode, there are icons on the screen to indicate the record and alarm status of each channel.

Table 3-1 Description of Live View Icons

Item	Description	Item	Description
	Alarm (video loss, tampering, motion detection, VCA or sensor alarm)		Alarm and Record
	Record (manual record, continuous record, motion detection, VCA or alarm triggered record)		

Playback

The recorded files on HDD can be played back. Refer to the user manual for details of each playback mode.

STEP 1 Go to Playback.

STEP 2 Check the channel(s) in the channel list for playback.

STEP 3 Double click a date on the calendar.

STEP 4 (Optional) Use the toolbar in the bottom to control the playing progress.

STEP 5 (Optional) Select the channel(s) to execute simultaneous playback of multiple channels.



Figure 3-5 Playback

Chapter 4 Access by Web Browser

NOTE

- The use of the product with Internet access might be under network security risks. For avoidance of any network attacks and information leakage, please strengthen your own protection. If the product does not work properly, please contact with your dealer or the nearest service center.
- You can get access to the device via web browser. The following web browsers are supported: Internet Explorer
- 6.0, Internet Explorer 7.0, Internet Explorer 8.0, Internet Explorer 9.0, Internet Explorer 10.0, Apple Safari,
- Mozilla Firefox, and Google Chrome. The supported resolutions include 1024*768 and above.

STEP 1 Open web browser, enter the IP address of the device and then press Enter.

STEP 2 Log in to the device.

If the device has not been activated, activate the device first by setting the password for the admin user account. If the device is already activated, enter the user name and password to log in.


STEP 3 Follow the installation prompts to install the plug-in before viewing the live video and managing the device.

NOTE




- You may have to close the web browser to finish the installation of the plug-in.

- After login, you can perform the operation and configuration of the device, including the live view, playback, log search, configuration, etc.

Documents / Resources

 <input data-bbox="129 595 288 629" type="text"/>	WORLD EYECAM 1036 Network Video Recorder [pdf] User Guide 1036 Network Video Recorder, 1036, Network Video Recorder, Video Recorder, Recorder
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References

-  [User Authentication Center](#)
-  [HOME](#)
-  [HOME](#)