



IPD/R6122ES

D/N 1080P HD Vandal Resistant Dome (IR) IP Camera

LD/R6122E

D/N 1080P HD Vandal Resistant Dome (IR) IP Camera

ZD/R6122E

D/N 1080P HD Auto Focus VRDome (IR) IP Camera

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Quick Installation Guide

IMEGAPRO

CAUTION

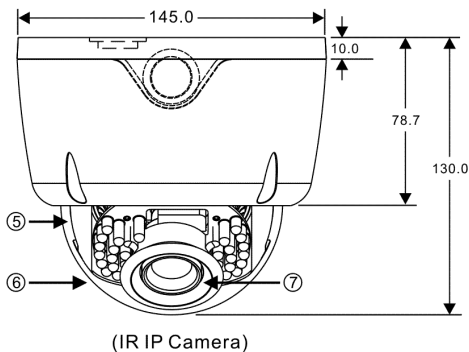
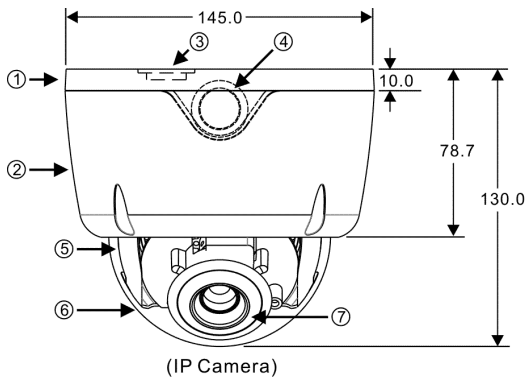
- Do not drop or strike this equipment
- Do not install the equipment near any naked flames or heat sources
- Do not expose this unit to rain, moisture, smoke or dust environment
- Do not cover the opening of the cabinet with cloth and plastic or to install this unit in poor ventilated places. Allow 10cm between this unit and its surroundings
- Do not continue to operate the unit under abnormal conditions such as detection of smoke, strange smell or no display on screen while power is turned on
- Do not touch the power connection with wet hands
- Do not damage the power cord or leave it under pressure
- Do not operate this unit near magnet, speaker system, etc., to avoid unnecessary magnetic interference
- Connection cables should be grounded properly

The ITE is to be connected only to PoE networks without routing to the outside plant.

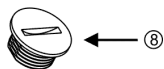
L'ITE ne doit être connecté que sur un réseau PoE sans routage vers l'alimentation extérieure.

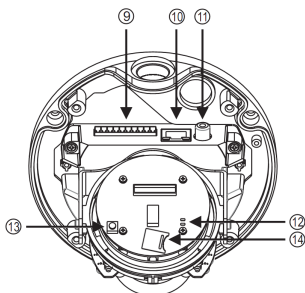


Product Overview

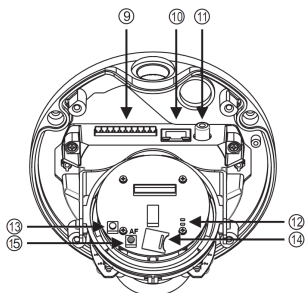


Unit: mm



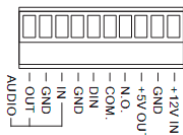


(Vari-Focal Model)



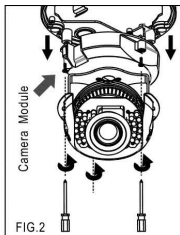
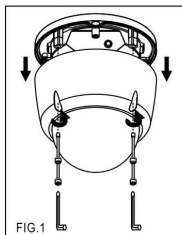
(Auto Focus Model)

- ① Bottom Chassis
- ② Top Cover
- ③ Bottom Hole
- ④ Side Hole
- ⑤ Inner Cover
- ⑥ Dome Cover
- ⑦ Lens
- ⑧ Hole Plug
- ⑨ DC12V Input, Alarm In/Out and Audio In/Out Terminal
- ⑩ RJ-45 Network Connector (Support PoE)
- ⑪ Live Video Output RCA Jack
- ⑫ Network Indicator LEDs
Green (LINK): Network cable connected, this LED lit.
Orange (ACT): Data communications, this LED flashes.
- ⑬ Reset Key
Restores server back to factory default setting.
- ⑭ Micro SD Card Slot
- ⑮ Auto Focus Button

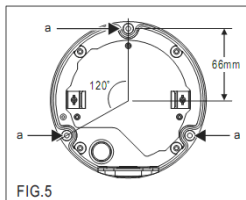
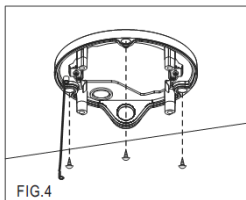
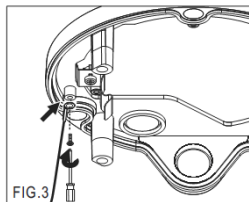


Installation

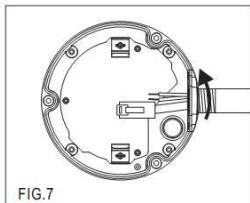
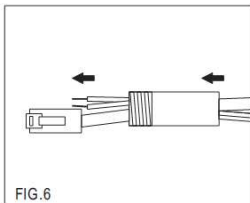
1. Please use the enclosed hexagon screw driver to untighten the 4 screws on the top cover (FIG.1). Using screw drive to untighten the 3 screws on the camera module (FIG.2).



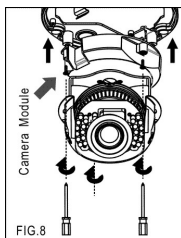
2. Fix the safety rope on the bottom chassis with screw driver (FIG.3). Put the provided screws (M4.0x25, wooden screw) through the holes marked as "a", and fix the bottom chassis in the desired area (FIG.4 & FIG.5).



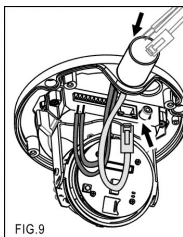
3. Firstly, put network cable and power cable through a pipe with 1/2" PT at one end (FIG.6), and then screw the pipe to the side hole or bottom hole (FIG.7, please make sure the connection between the pipe and the side hole or bottom hole is watertight.).
NOTE: Pipe is not provided.



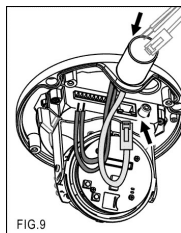
4. Using the screw driver to screw camera module into bottom chassis (FIG.8).



5. Plug and fix the power cable to the terminal block and plug the network cable to RJ-45 connector of the camera (FIG.9).



(Vari-Focal Model)



(Auto Focus Model)

6. Take down the inner cover from the camera module (FIG.10), and then adjust the direction of the lens through the adjustable Pan/Tilt bracket and rotatable round bracket for Azimuth (FIG.11).

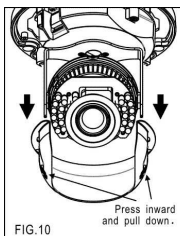


FIG.10

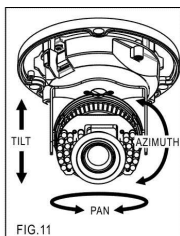
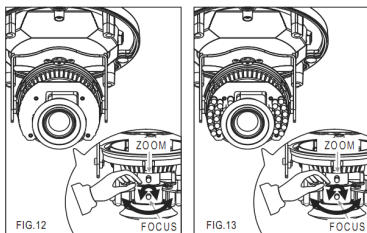
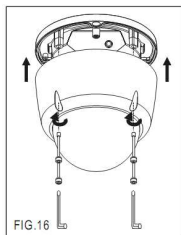
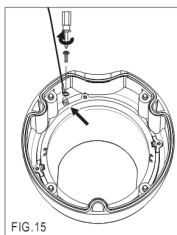
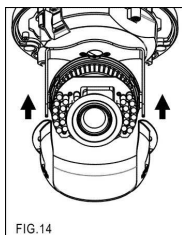


FIG.11

7. Adjust the lens on focus and zoom to form the optimal video image after that tighten the screws (FIG.12 & FIG.13).
NOTE: Vari-Focal Model Only.



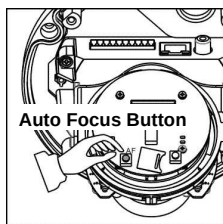
8. Put on the inner cover (FIG.14). Fix the safety rope on the top cover with screw driver (FIG.15), Replace the top cover and tighten the screws (FIG.16).



NOTE: When perform in-wall style installation of an IR IP camera, users are suggested to also install a wall mount bracket to avoid possible infrared reflection, when adjusting lens position. It would help minimizing any further technical issues caused by lens turning.

● AF (Auto Focus) function [Auto Focus Model Only]

The IP camera will automatically adjusts the camera lens to obtain focus after pressing the AF (Auto Focus) button continuously for 2 seconds. User can adjust the image view by using Web page's zoom in/out link, and refocus using the Auto-Focus link on the main Web page.



Zoom In



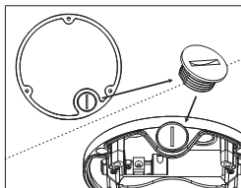
Zoom Out



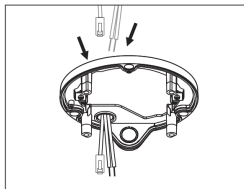
Auto Focus

● Alternative Cabling positions

1. Untighten the hole plug on the bottom hole of the bottom chassis and screw it to the side hole.



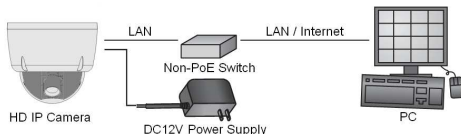
2. Put the video cable and power cable through the bottom hole. Then connect them to video output and power input of the camera. Please refer to INSTALLATION Step 3 for water resistant installation.



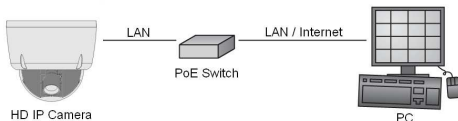
System Architectures

For connecting HD IP cameras to the network, please follow one of the system architectures:

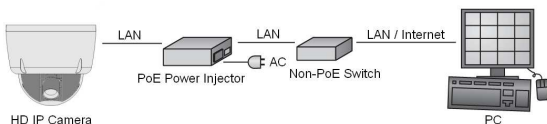
- (1). Use a DC12V power adapter and a network switch to connect to the network.



- (2). Use a PoE network switch to connect to the network.



- (3). Use a PoE power injector and a network switch to connect to the network.



Emergency Factory Default

To restore factory default settings by hardware, please follow these steps:

1. Hold "RESET Key" for 10 seconds, then release.
2. After about 40 seconds, the network LED light should turn off, and the back on again.

3. This camera has completed the factory default settings, and can then reboot.
4. Search for the IP device using the IPScan software.
5. Start the IP device via Internet browser.
6. Enter the default username "admin" and password "pass" to operate.

NOTE: For user convenience, restoring the factory default settings will revert to the default IP address 192.168.0.200.

Before Accessing IP Cameras

Before accessing the IP camera, make sure that the camera's RJ-45 network, audio, and power cables are properly connected. To set the IP address, consult your network administrator for an available IP address. The default IP address for each IP camera is 192.168.0.200. Users can use the default IP address for verifying the camera's network connection.

Software Requirements

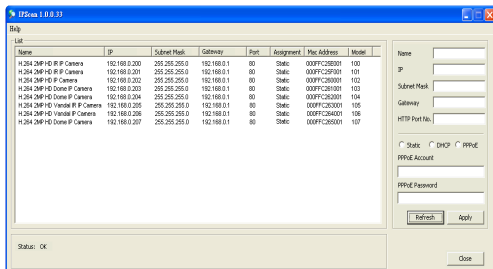
Merit LILIN Universal ActiveX software components are required for web interface display of JPEG or H.264 Full HD video. When you login to the IP camera by Internet Explorer, the security warning dialog box will prompt the installation of the LILIN Universal ActiveX. Click **Install** to download it.



Configuring IP Addresses by IPScan Software

To configure an IP address using the IP scan tool, you can copy the IPScan software from the installation CD, and paste to your computer. Alternatively, you can execute the IPScan software from the installation CD, or download the software from the Merit LILIN website (www.meritlilin.com). To change the settings of the IP address, subnet mask, gateway, or HTTP port, you can follow the steps below:

1. Run the IPScan software.
2. Click **Refresh**. All available devices should be listed in the device list.
3. Select your device from the list provided.
4. Change the IP address, subnet mask, gateway, or HTTP port for the IP camera.
5. Click **Apply** to submit the settings.
6. Click **Refresh** to verify the settings.



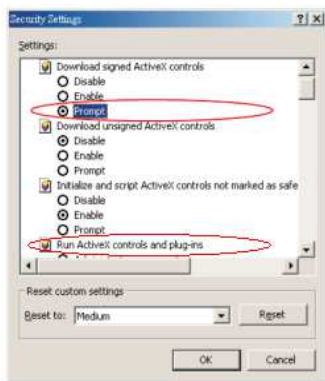
Configuring IP Addresses via Web Interface

To change an IP address via web interface, type the default IP address (192.168.0.200) in the Internet browser and follow the steps below:

1. Login to the H.264 Full HD IP camera by the default username "admin" and default password "pass"
2. Click **Basic Mode** configuration hyperlink.
3. Click **Network->General** hyperlink.
4. Change the IP address, subnet mask, gateway, or HTTP port for the IP camera.
5. Click **Submit** to verify the settings.

Internet Browser Settings & Application Required

Make sure your Internet browser allows the signed ActiveX plug-in to work on your computer. Set "Download Signed ActiveX plug-in controls" to "Prompt" and "Run ActiveX control and plug-in" to "Enable". You can set this option via Internet Explorer-> Tools-> Options-> Security Settings.



Once complete, you can access the IP camera's live video by entering the default IP address via your Internet browser. As the security warning dialog box appears, click **OK** to download the ActiveX directly from the IP camera.

Login

There are two levels of user authentication, including admin and guest, that can access the IP camera. Administrator is authorized to reset basic mode settings and see live video, while the guest is allowed to see only live video.



The default usernames and passwords are as follows:

	Administrator	Viewer
Username	admin	guest
Password	pass	guest

To logon the H.264 FULL HD IP camera, please type username and password in logon HTML page and click on Submit button to enter the system.

Creativity, Progress, and Excellence



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www.meritlilin.com

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