

D/N HD (AF) IR IP CAMERA

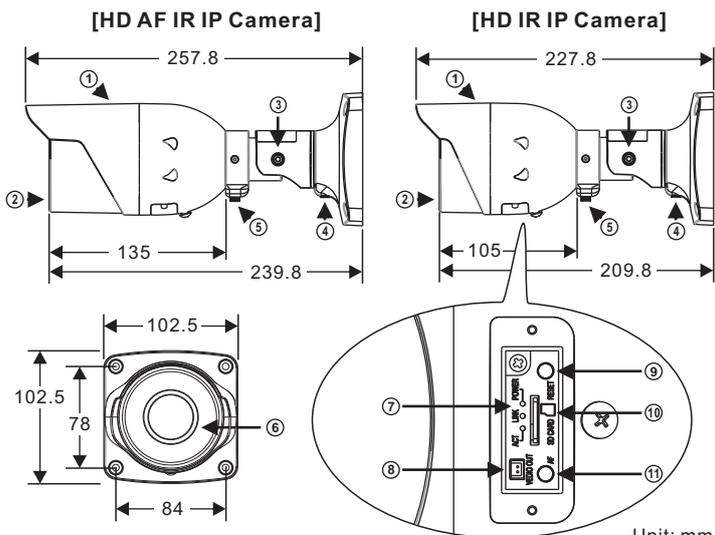
Installation Guide



66-81220OE-1

Warning: Do not throw your product in municipal waste. This product has been designed to enable proper reuse of parts and recycling. The symbol of the crossed out wheeled bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Check local regulation for disposal of electronics products.

Part Description & Dimensions



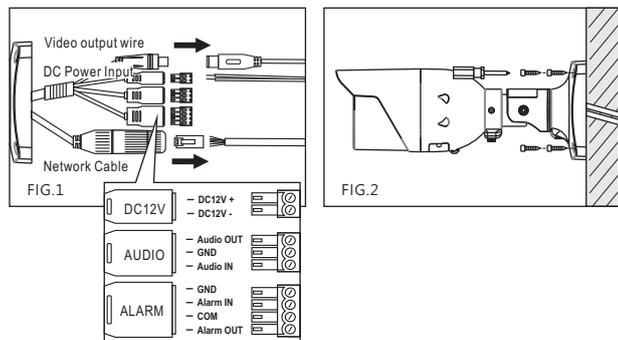
Unit: mm

- ① Camera Body
- ② Window
- ③ Adjustment Screw A
- ④ Adjustment Screw B
- ⑤ Adjustment Screw C
- ⑥ Lens
- ⑦ LED Indicators
Green (Power): indicates system status.
Green (LINK): Illuminates when the camera is connected to a network.
Orange (ACT): Flashes when data communication is in process.
- ⑧ Live Video Output
- ⑨ Reset Key
Restores the camera back to factory default settings.
- ⑩ Micro SD Card Slot
- ⑪ AF Key [Auto Focus Model Only]

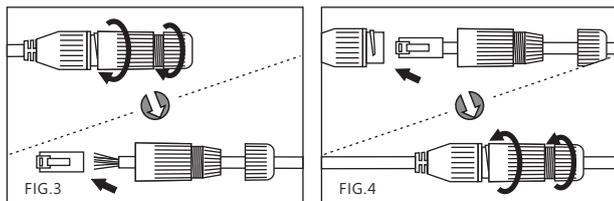
The IP camera will automatically adjust the camera lens to obtain focus after pressing the AF (Auto Focus) button continuously for 2 seconds. User can adjust the image view by using zoom in/out button via web access, and refocus using the Auto-Focus link on the main Web page.

Installation

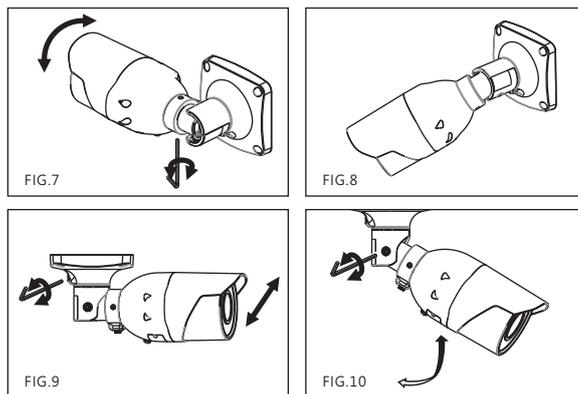
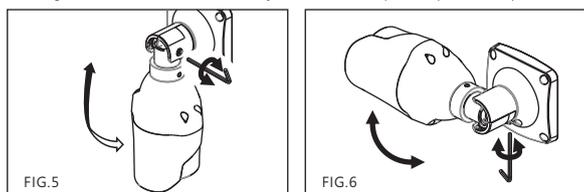
- Remove the camera from the Box. Connect the Ethernet cable, video cable, and power cable to the camera's RJ-45 network connector, video output connector respectively, and DC power-in connector (FIG. 1). Secure the camera to the wall (FIG. 2).



- Connect the RJ-45 Ethernet cable with a waterproof connector
First, remove the waterproof connector and unscrew the waterproof nut. Insert the Ethernet cable and connect to the RJ-45 connector with proper tools (FIG. 3). Then, tighten the waterproof connector and nut before the RJ-45 connector is connected to the camera (FIG. 4).

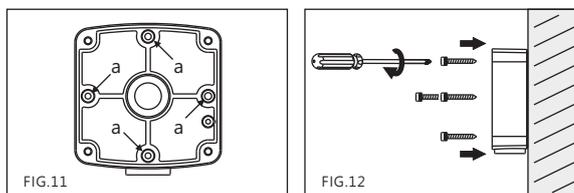


- Loosen the three adjustment screws on the bracket to change the camera direction according to different needs before according to different needs. Be sure to tighten the screws after the adjustment is completed (FIG. 5-10).

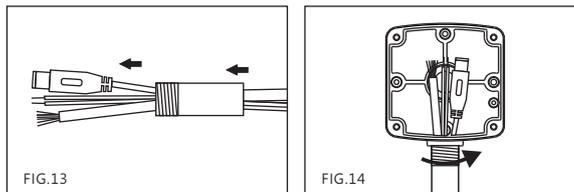


Install the Camera with a Junction Box (Optional)

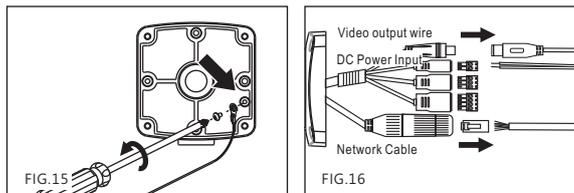
- Choose a desired position for the junction box, and secure the truss head screws enclosed in the box to the holes marked as "a" (FIG. 11 & 12) on the junction box.



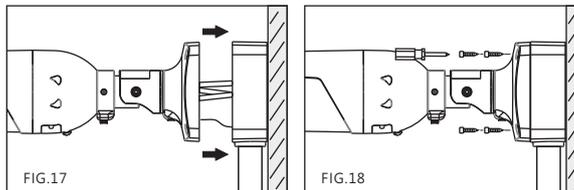
- Insert the Ethernet cable, video cable, and power cable through the 1/2"PT tube (FIG. 13), and rotate to secure the tube to the holes on the lateral or bottom of the junction box (FIG. 14). The conjunction between the tube and the hole must be airtight, and the opening of the hole must point downward.



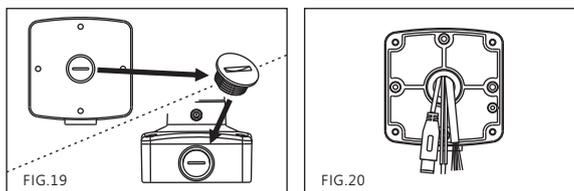
- Attach the safety cable to the hole at the bottom of the junction box (FIG. 15), and connect the Ethernet cable, video cable, and power cable to the camera's RJ-45 connector, video output, and power input respectively (FIG. 16). Please refer to "1." For more wiring instructions.



- Use the screws (M5.0x12L) included in the box to secure the camera to the junction box, and tighten the screws (FIG. 17&18).



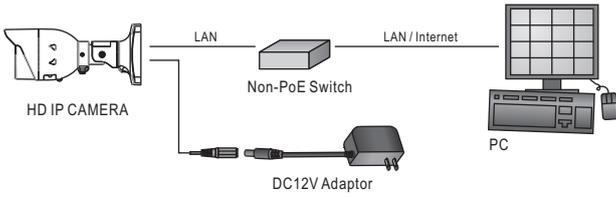
- Change the Outlet Position for the Ethernet and Power Cables
 - Loosen the threaded plug at the bottom of the junction box and secure it to the lateral hole (FIG. 19).
 - Insert the Ethernet cable, video cable, and power cable through the opening at the bottom of the junction box (FIG. 20) and connect them to the camera's RJ-45 connector, video output, and power input respectively (refer to "1" for more instructions on wiring).



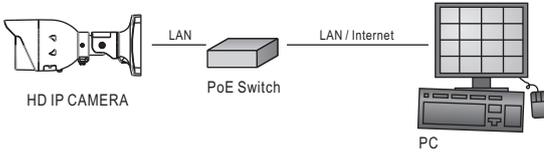
System Architectures

For connecting D/N 1080P HD IP Camera series to the network, please follow one of the system architectures:

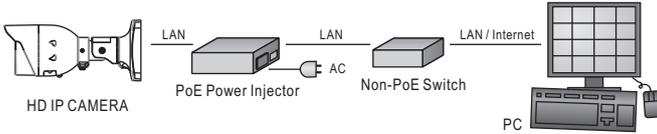
(1). Use DC12V power adaptor and network switch connected to a network.



(2). Use with PoE of the network switch connected to the network.



(3). Use PoE power injector and the network switch connected to the network.



Emergency Factory Default

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

1. Press and hold "RESET Key" for 10 seconds and release.
2. Wait for about 40 seconds, and the network LED light should turn off, and go back on again.
3. The camera is now restored to factory default settings, and will reboot automatically.
4. Search for the IP device using the IPScan software.
5. Start the IP device via an Internet browser.
6. Enter the default username "admin" and password "pass" to operate.

NOTE: For your convenience, the IP address will revert to the default setting of 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

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

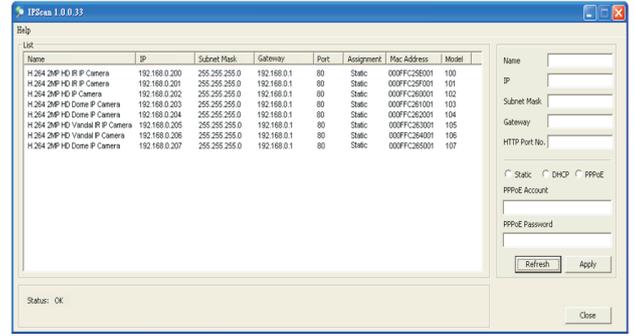


Configuring IP Addresses with IPScan Software

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. 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.



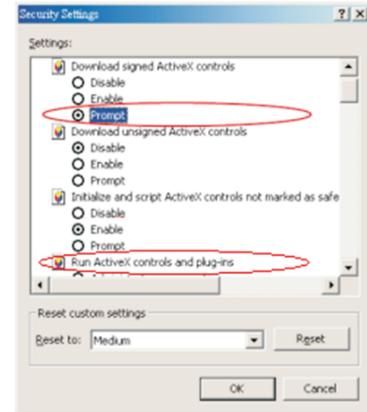
Configuring IP Addresses via Web Interface

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 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

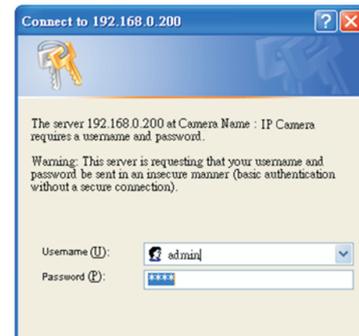
Make sure your Internet browser allows the signed ActiveX plug-in to work on your computer. Set "Download Signed ActiveX plug-in controls" to "Prompt" and "Run ActiveX control and plug-in" to "Enable". You can set this option via Internet Explorer-> Tools-> Options-> Security Settings.



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

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



The default usernames and passwords are as follows:

	Administrator
Username	admin
Password	pass