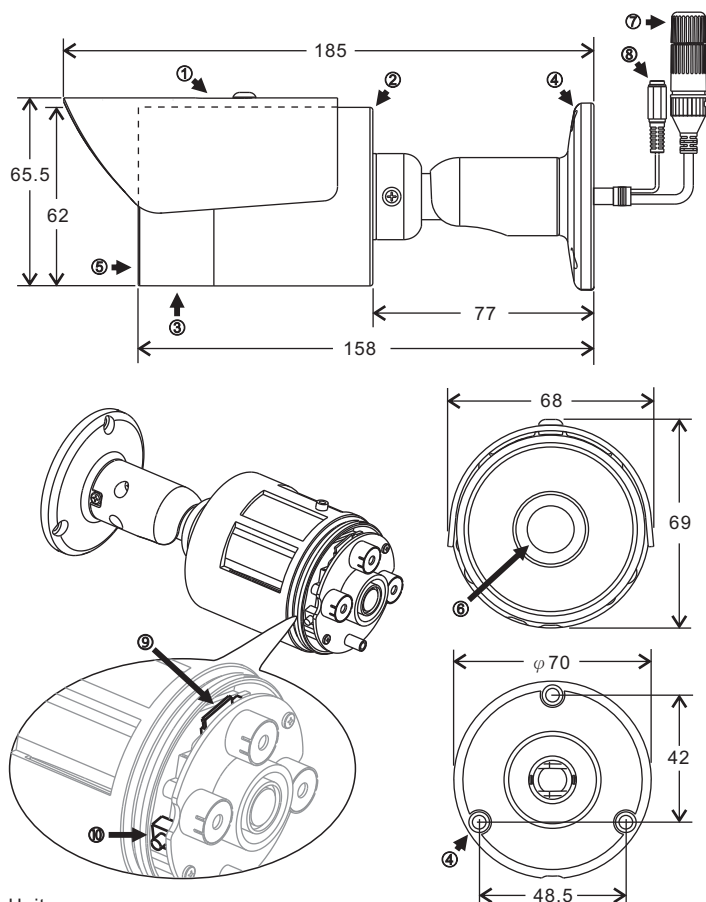




Instruction Manual

Part Description & Dimensions

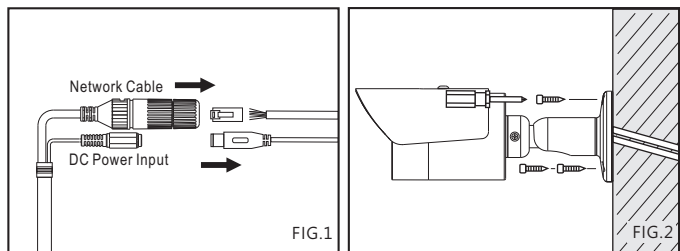


Unit: mm

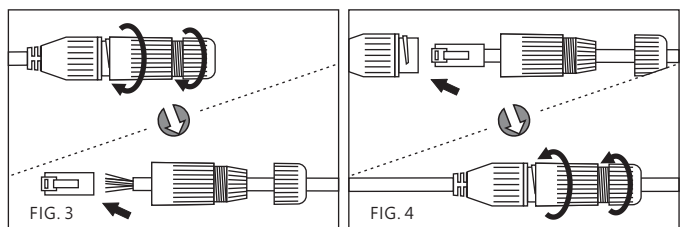
- | | |
|----------------|---|
| ① Sun shield | ⑥ Lens |
| ② Main body | ⑦ RJ-45 Ethernet connector (supports PoE) |
| ③ Front cover | ⑧ DC Power input jack (DC12V $\pm$ 10%) |
| ④ Bracket base | ⑨ Micro SD card slot (size limit: 32GB) |
| ⑤ Windows | ⑩ Reset key |

Installation

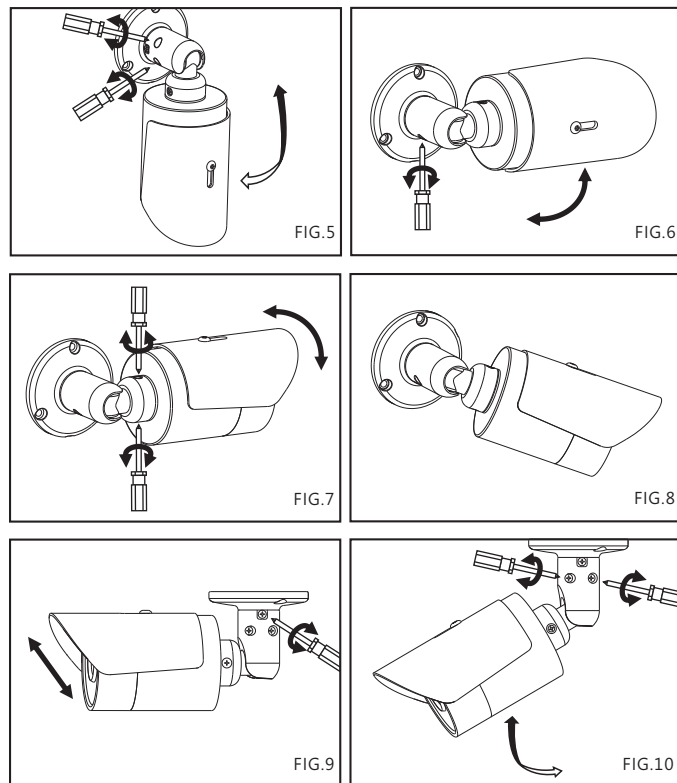
1. Remove the camera from the box first. Connect the power cable and video cable to the video output jack and DC power input jack (FIG.1), and then secure the camera to the wall (FIG.2).



- 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).

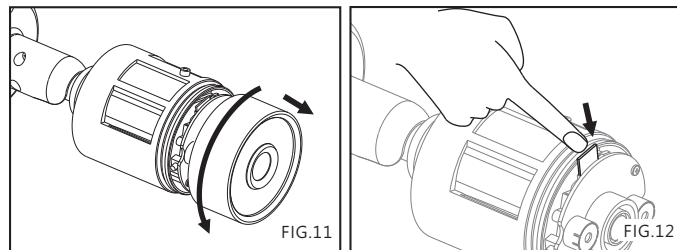


2. Adjust the five adjustment screws to move the camera to the desired angle, and then tighten the adjustment screws (FIG. 5~FIG.10).



Inserting a Micro SD Card

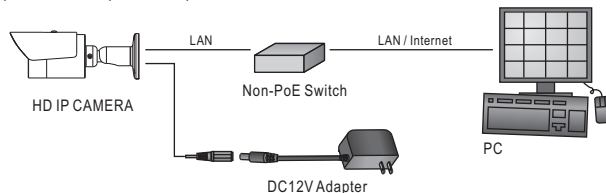
Turn the front cover counterclockwise to remove it and insert a Micro SD card (FIG.11 & FIG.12).



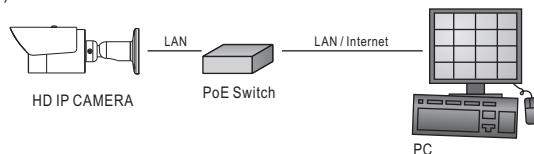
System Architectures

To connect the IP Camera series to the network, please follow one of the system architectures:

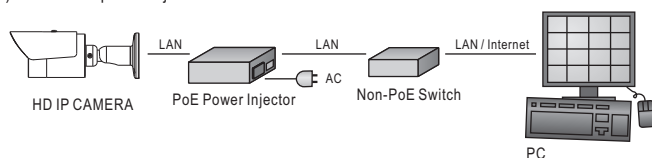
- (1). Use DC12V power adapter and network switch connected to a network.



- (2). Use with PoE from the PoE network switch.



- (3). Use a PoE power injector between the non-PoE network switch and the IP camera.



Restore Factory Defaults

- To restore the hardware to factory default settings, please follow these steps:
1. Press and hold "Reset key" for 10 seconds and release.
 2. The camera will be restored to factory default settings after approximately 90 seconds and will reboot automatically.
 3. Search for the IP device using the IPScan software.
 4. Start the IP device via an Internet browser.
 5. Enter the default username "admin" and password "pass" to log in.

NOTE: 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 to verify the camera's network connection.

Software Requirements

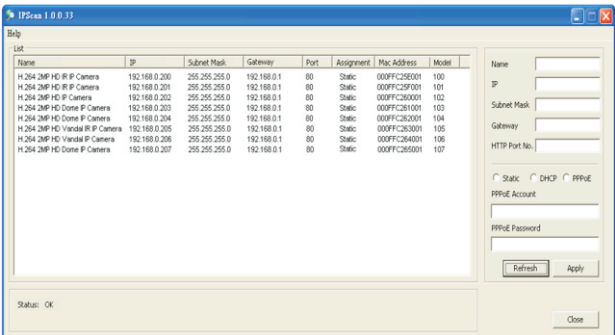
Universal ActiveX software components are required for online display of JPEG or H.264 Full HD video. When you login to the IP camera with Internet Explorer, the security warning dialog box will prompt the installation of the Universal ActiveX. Click **Install** to download it.



Configuring IP Addresses with IPScan Software

To configure an IP address using IPScan, 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, 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.



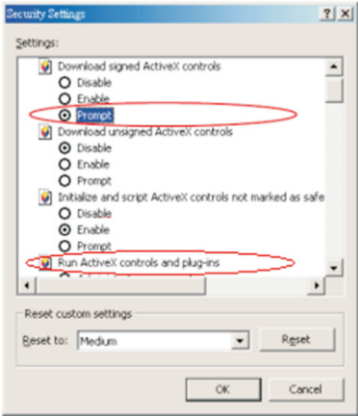
Configuring IP Addresses via Web Interface

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

Internet Browser Settings & Application Required

Make sure your Internet browser allows the signed ActiveX plug-in to work on your computer. To do this, open Internet Explorer and go to Tools-> Options-> Security Settings. Set "Download Signed ActiveX plug-in controls" to "Prompt" and "Run ActiveX control and plug-in" to "Enable".



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

Login

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



The default usernames and passwords are as follows:

	Administrator
Username	admin
Password	pass

To log on the IP camera, please type username and password on the login page and click **Submit** to enter the system.

Note: 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.