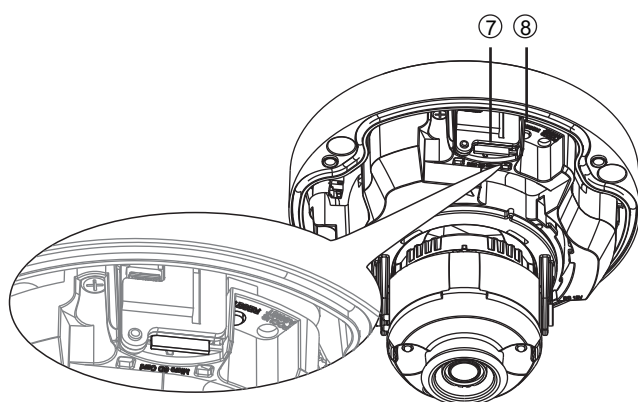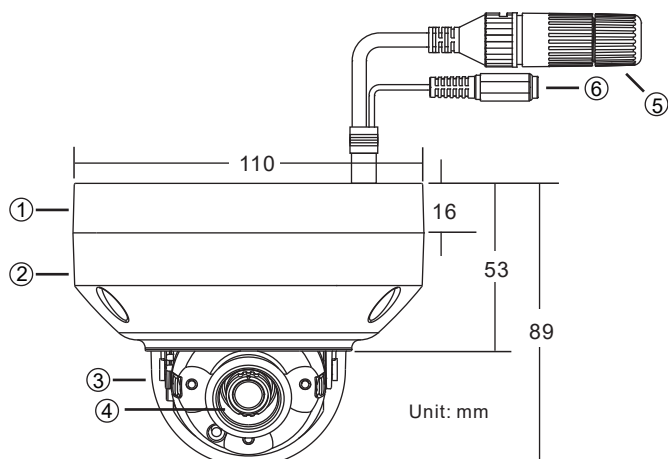# Outdoor IP Fixed Dome Camera

Instruction Manual

### Part Description & Dimensions

Unit: mm

① Bottom bracket
② Upper cover
③ Transparent cover
④ Lens
⑤ RJ-45 Ethernet connector (supports PoE)
⑥ Power jack (DC12V ±10%)
⑦ MicroSD card slot (size limit: 32 GB)
⑧ Reset Key

Installation

1. Retrieve the camera and remove the bottom bracket from the upper cover with a hex key (FIG.1).
Use the included screws (M4.0x25) through the holes marked as "a," and install the camera in the desired location (FIG.2 & FIG.3).


FIG. 1

FIG. 2

Front

120°

φ99

−9°

FIG. 3
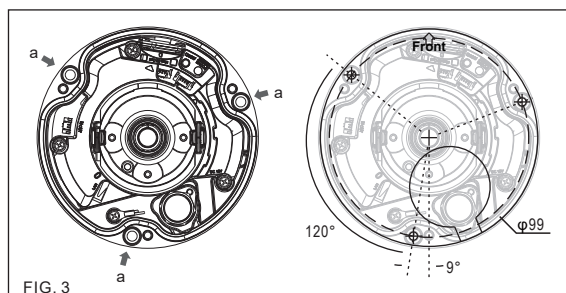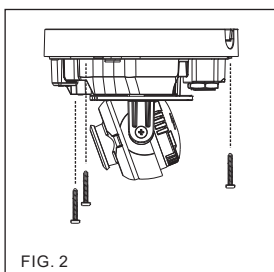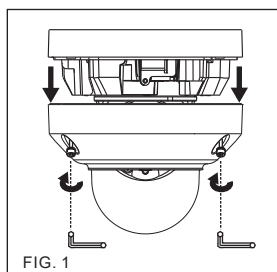
2. Adjust the pan, tilt, and azimuth of the camera to the desired location (FIG.4).

TILT

AZIMUTH

PAN

FIG. 4
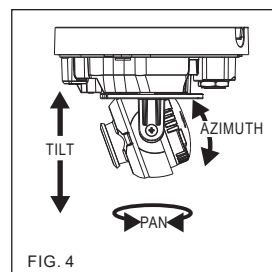
3. Attach the Ethernet and power cables to the RJ-45 connector and the DC-in connector, respectively (FIG.5).

Network Cable

DC Power Input

FIG. 5
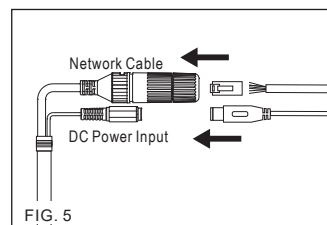
● Connect the RJ-45 Ethernet cable with a waterproof connector. First, remove the waterproof connector and unscrew the waterproof nut. Insert the Ethernet cable and connect to the RJ-45 connector with proper tools (FIG.6). Then, tighten the waterproof connector and nut before the RJ-45 connector is connected to the camera (FIG.7).
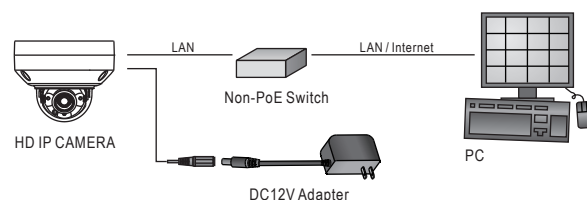

FIG. 6

FIG. 7
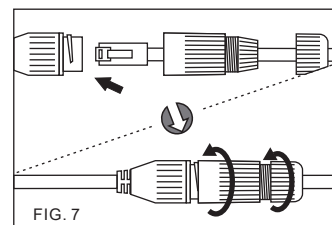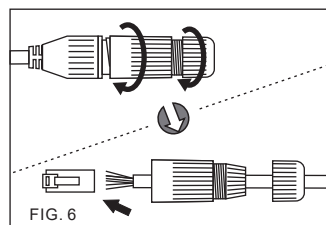
4. Secure the upper cover to the bottom bracket with a hex key (FIG.8).

FIG. 8
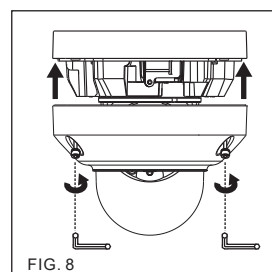
System Architecture

To connect the IP camera series to a network, please use one of the following configurations:
(1). Use DC12V power adapter and network switch connected to a network.

LAN

LAN / Internet

Non-PoE Switch

HD IP CAMERA

DC12V Adapter

PC

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

LAN

LAN / Internet

PoE Switch

HD IP CAMERA

PC
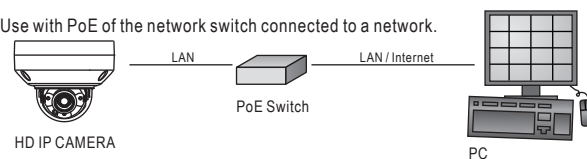
(3). Use PoE power injector and a non-PoE switch connected to a network.

LAN

LAN

LAN / Internet

AC

PoE Power Injector

Non-PoE Switch

HD IP CAMERA

PC
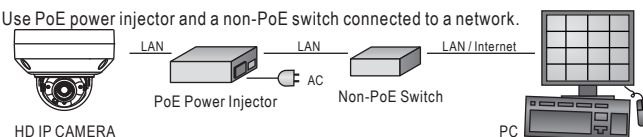
Restore Factory Defaults

To restore the hardware to factory default settings, please follow these steps:
1. Press and hold **Reset** 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 operate.

NOTE: The IP address will revert to DHCP.

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 mode for each camera is DHCP. Users can use the assigned 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 log in to the IP camera from Internet Explorer, a security warning dialog box will prompt the installation of the Universal ActiveX plug-in. Click **Install** to download it.

Configuring IP Addresses with IPScan Software

To configure an IP address using IPScan, download it from **pkdge.co/cameras**. 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.
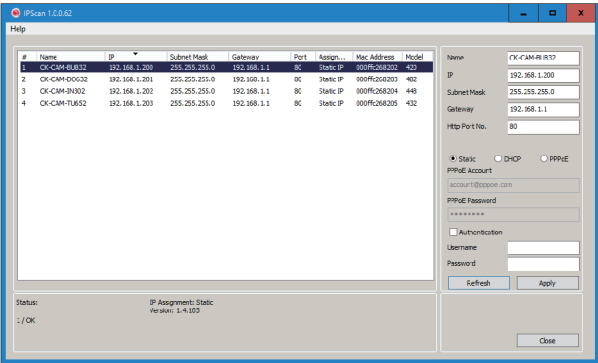
Configuring IP Addresses via Web Interface

To change an IP address via a web interface, type the camera's assigned IP address 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 verify 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".
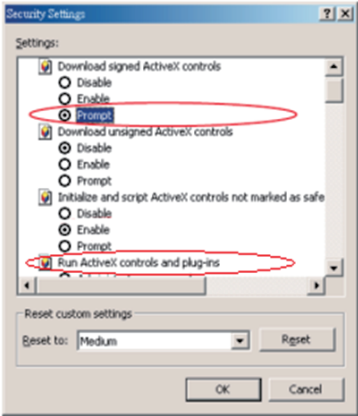
Once complete, you can access the IP camera's live video by entering the IP address via your Internet browser. When the security warning dialog box appears, click **OK** to download the ActiveX plug-in directly from the IP camera.

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.
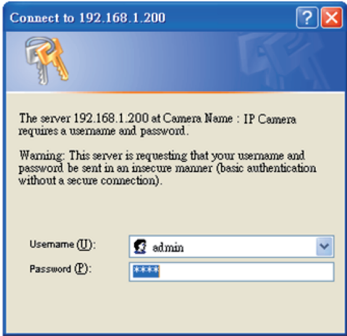
The default usernames and passwords are as follows:

	Administrator
Username	admin
Password	pass

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