IPC0122P3 / IPC0122WP3

1080P HD Covert (WIFI) IP Camera

## Quick Installation Guide

iMEGAPRO

- 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
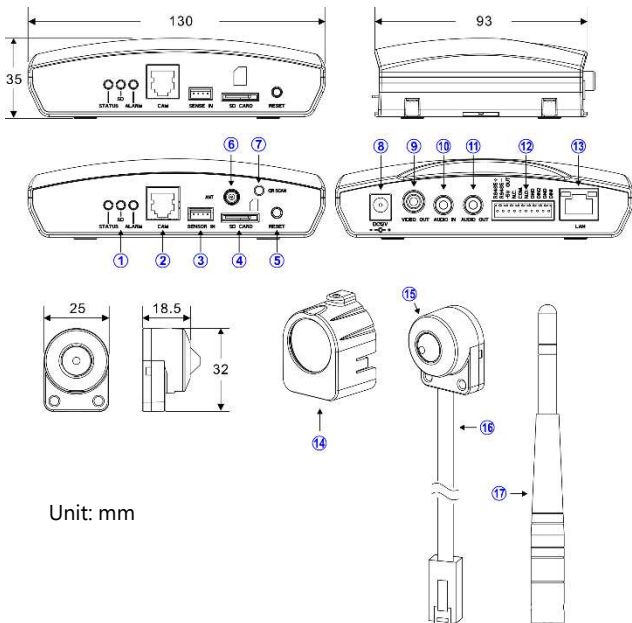
Unit: mm

① Indicator LEDs
    Green: System status display.
    Orange: SD status display.
    Red: Alarm status display.
② RJ-12 Image Sensor Unit Input Connector
③ Detection Sensor Input Connector (optional)
④ Micro SD Card Slot
⑤ Reset Key
⑥ Wi-Fi Antenna Plug (Wi-Fi Model Only)

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⑦ QR Scan Button (Wi-Fi Model Only)
1. Press and hold the button for 2 – 5 seconds to enter the QR Scan Mode.
2. Press and hold the button for more than 6 seconds to enable the AP mode.

⑧ DC12V Power Input Jack (DC12V±10%)

⑨ Live Video Output RCA Jack

⑩ Audio Input 3.5mm Phone Jack

⑪ Audio Output 3.5mm Phone Jack

⑫ Alarm In/Out and RS-485 Terminal

RS485+	RS485-	+5V OUT	N.C.	COM.	N.O.	GND	DIN2	GND	DIN1
1	2	3	4	5	6	7	8	9	10
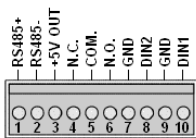
⑬ RJ-45 Network Connector and Indicator LEDs
Green (LINK): Network connection. LED remains lit while connection is in place.
Orange (ACT): Data communications. This LED should continue to blink.

⑭ Straight Mounting Bracket

⑮ Image Sensor Unit

⑯ RJ-12 Cable

⑰ Wi-Fi Antenna (2.4GHz) (Wi-Fi Model Only)

Installation

● Main Unit Installation

Please use a screwdriver to fix the iron plates to the bottom base (FIG.1), insert the provided screws (M4.0 x 25, wooden screw) through the holes marked as "a," and secure the main unit to the desired position (FIG.2).

FIG.1

FIG.2
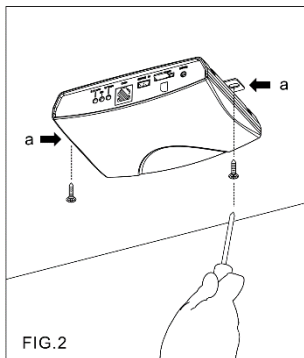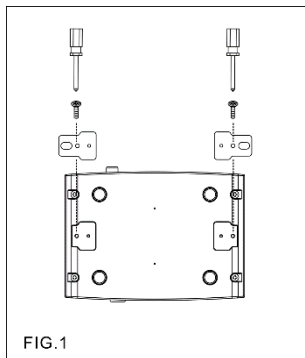
● Image Sensor Unit Installation

1. Drill a 5mm hole in the panel or on the wall (FIG.3).
2. Pull off the protector and attach the mounting bracket to the panel (FIG.4).
3. Insert the sensor unit into the bracket (FIG.5), and secure the unit with the screw. Ensure that the cone of the sensor unit is flush with the panel (FIG.6).
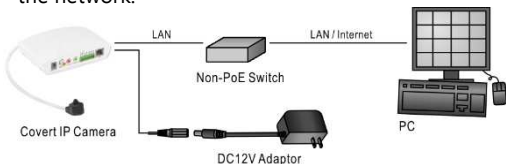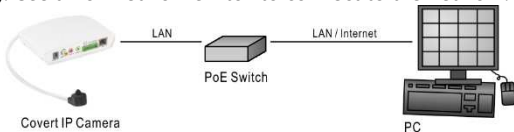

FIG.3

FIG.4

FIG.5

FIG.6
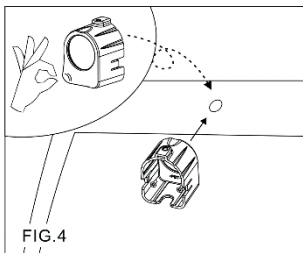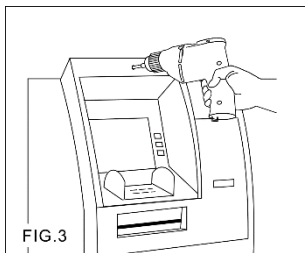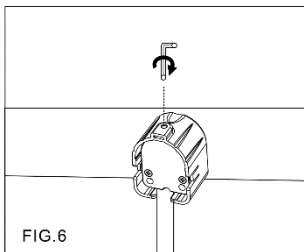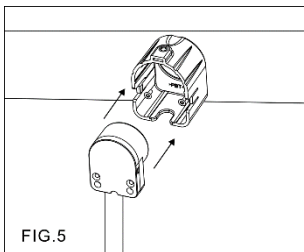
System Architectures

To connect the Covert IP Camera to the network, please deploy one of the following 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.

Covert IP Camera — LAN — PoE Power Injector — AC — LAN — Non-PoE Switch — LAN / Internet — PC
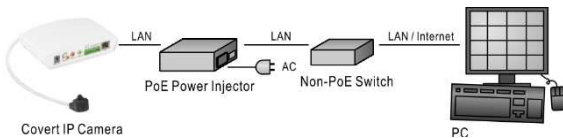
(4). Use a DC12V power source to connect to the network through a Wi-Fi router. (Wi-Fi model only)

Covert WIFI IP Camera — Wireless — AP Router — LAN / Internet — PC
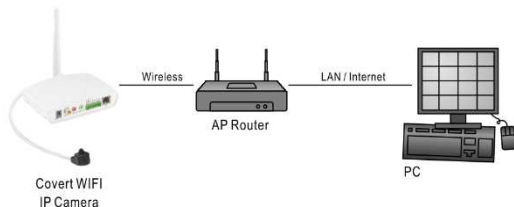
Wi-Fi Setting Indicator (Wi-Fi Model)
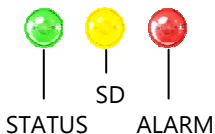
STATUS   SD   ALARM

QR SCAN MODE	
STATUS, SD, and ALARM are all lit	Enter the QR Scan Mode
STATUS and SD remains lit, and ALARM is off	Scanning and recognizing the QR code
STATUS remains lit, and SD and and ALARM are off	Wi-Fi network connected successful and AP router login completed

AP MODE	
STATUS is blinking	Activating AP mode

How to Activate Connection in the AP Mode

1. Use a Wi-Fi enabled computer or smartphone to configure the Wi-Fi IPCAM.

2. Search for a Wi-Fi IPCAM with an SSID of "IPCam-the last 6 digits of MAC." E.g., Wi-Fi MAC = 00-0F-FC-57-49-74, SSID = IPCam-574974

3. A password is required to connect to the Wi-Fi IPCAM. The default password is **pass1234**.

4. When connected, the default IP address of the AP mode is 192.168.15.1. You can use an Internet browser to change Wi-Fi settings with this IP address.

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

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 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, 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.
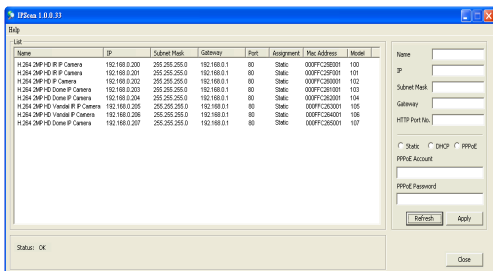
Configuring IP Addresses via Web Interface

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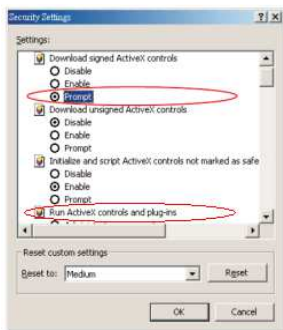
Once complete, you can access the IP camera's live video by entering the default IP address via your Internet browser. As the security warning dialog box appears, click **OK** to download the ActiveX directly from the IP camera.

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
Username	admin
Password	pass

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.

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