Surveon

PTZ Dome Network Camera
QUICK INSTALLATION GUIDE

Hardware Installation

⚠ **Warning!**

Only qualified service personnel should install and service this product in order to avoid risk of injury from electrical shock and energy hazard.

Observe all ESD (Electro-static Discharge) procedures during installation to avoid damage to the camera and its components.

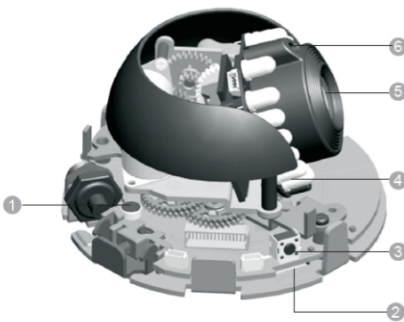### Tools Required
● Phillips Screwdriver
● Electric Drill

Accessories
● PTZ Dome Network Camera x1
● Quick Installation Guide x1
● Product DVD x1 (including manuals)
● Power Adapter x1
● Camera Stand x1
● Screws x5 (CAM5321S4)
● Wall Plug x2 (CAM5321S4)
● RJ45 Connector (Female) x2 (CAM5321S4)

User-provided Items
● LAN Cable
● PC with Windows (XP or above) and web browsers (Internet Explorer 6.0 or above) installed

1 Hardware Overview

CAM5330SZ

1. LAN Socket
2. General I/O terminal block
3. Indicating LEDs
4. A/V Jack
5. USB Socket
6. Rest
7. SD Socket
8. External microphone
9. Power Jack

CAM5321S4

1. Internal Microphone
2. Micro SD/SDHC
3. Reset button
4. IR LED
5. Lens
6. Light sensor
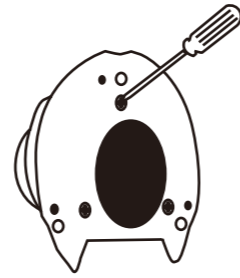7. Power connector
8. Network connector

2 Installation

1. Remove camera mounting plate from the decorative ring assembly.

2. Using the mounting plate as a guide, mark the desired camera position on the installation site. This will give you an idea of the installation footprint if cabling is required.

3. Align the mounting plate with the screwholes on the bottom of the camera and secure the camera using the included screws.
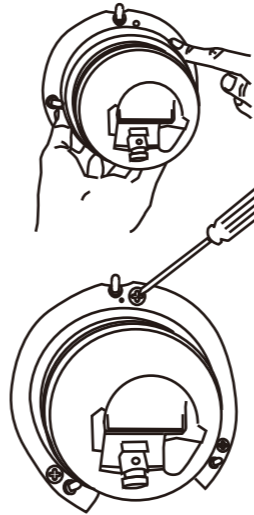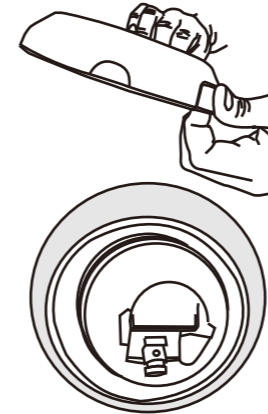

4. Install the camera at the desired site by securing the mounting plate onto the wall or ceiling using the included mounting screws.

5. Plug in the network cord, any I/O cords, and the power cord (if PoE is not used).
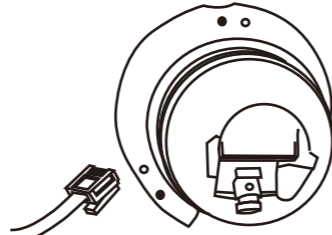
6. Snap the decorative ring back onto the mounting plate. If required, the cutout in the decorative ring may be snapped out to provide cabling access.
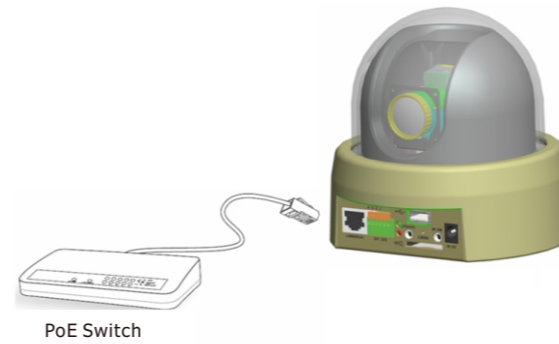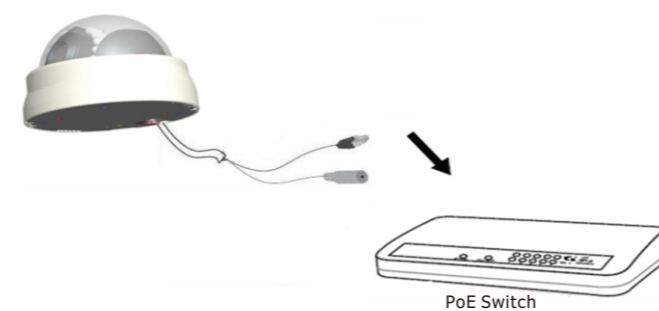

3 Wiring

Via a PoE Switch:
Use a PoE switch to connect the camera for power and network connection.

CAM5330SZ

PoE Switch

CAM5321S4

PoE Switch

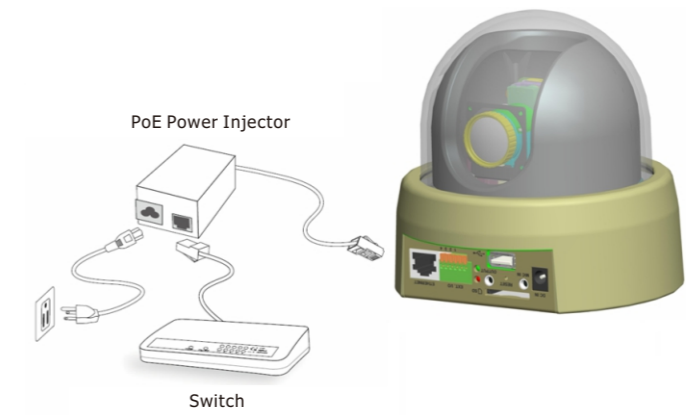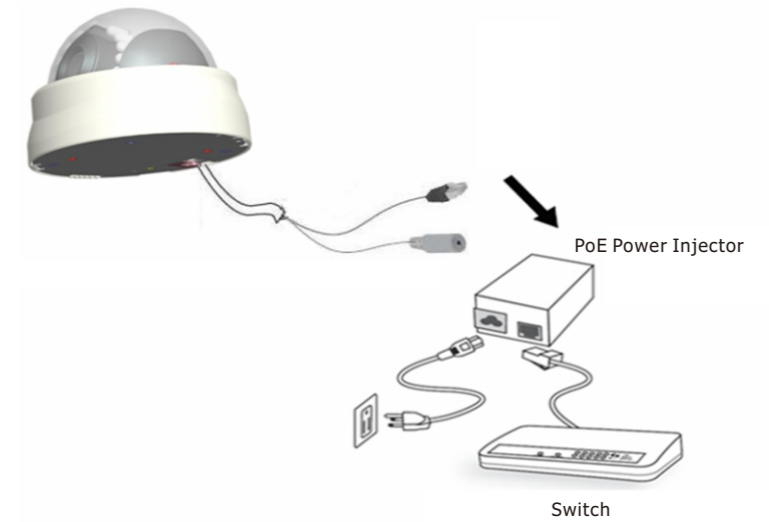**Via a PoE Power Injector:**
When your switch does not support PoE, use a PoE power injector (user provided item) to connect the camera for power and network connection.

CAM5330SZ

PoE Power Injector

Switch

CAM5321S4

PoE Power Injector

Switch

4 Camera Deployment

NAS FTP Email Server Sensor Alarm Speaker
Router
Internet
Router
Client Client
Microphone
microSD
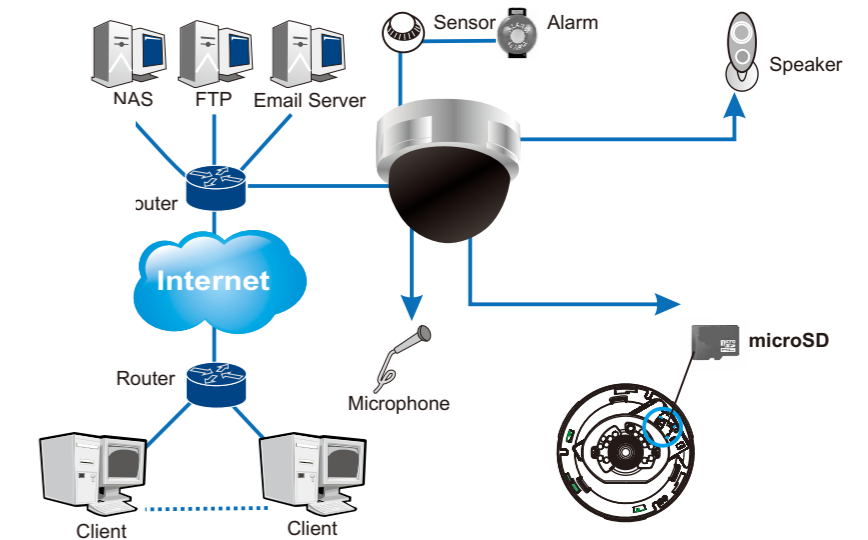
5 Before You Start

Please prepare a PC with Windows (XP or above) and web browsers (Internet Explorer 6.0 or above) installed.

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**Complete Megapixel Solutions**

QMC5XXX00110

Software Installation

1 Obtaining IP Address through the IP Utility

The IP address can be obtained using the IP Utility in your product CD :
1. Double click Start SearchToolInstall.exe to begin the utility installation.
2. After the installation is complete, click the **Auto Search** button or click **Camera > Search** in the menus.
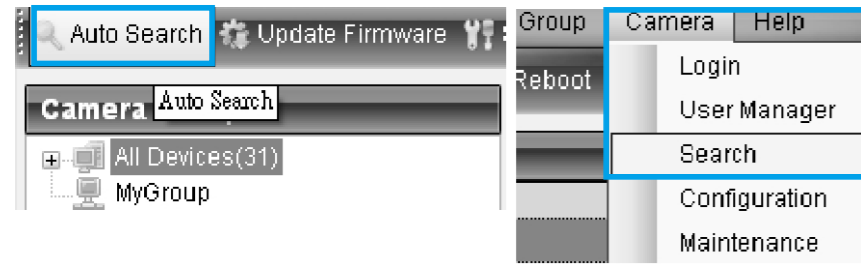
The camera search will begin, and a status bar will display the search progress.

3. The details of the camera will display after the search is finished.

Number	Name	IP	Model
1	CAM4361	172.18.7.96	CAM4361
2	cam4310	172.18.7.58	CAM4310
3	CAM2311	172.18.7.83	CAM2311

Note: (1) The search may take up to 2 minutes, depending on your network configuration.

(2) If your network does not have DHCP service, the default IP address is 192.168.88.10.

2 Connecting to the Network Camera

Launch the web browser (Microsoft ® Internet Explorer 6.0 or higher is recommended).
Enter the IP address of the network camera in the address bar of your browser and press enter.

You can also Click the **Link to Camera** button or click to **Camera > Link to Camera** in the IP Utility menu bar. The camera's live view web page will open in a browser window.
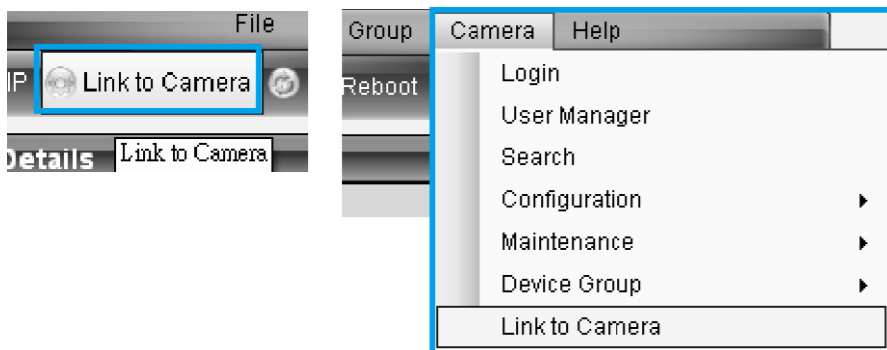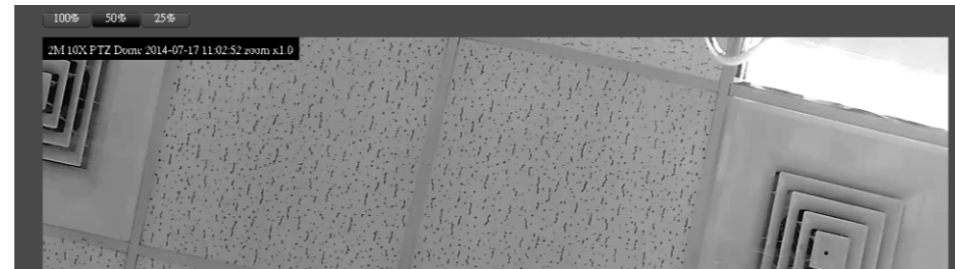
3 Logging into the System

The following information will prompt for logging in:

User Name:

Password:

OK   Cancel

· **Username** – The username for the domain. **Default is always admin.**
· **Password** – The password for the domain. **Default is always admin.**
Click **OK**.
Once successfully logged in, live video displays in the center of your browser.

4 Installing ActiveX Components in Internet Explorer

You may be prompted to install ActiveX® components when accessing the network camera's Live View page; click Yes when prompted. You will be able to access the camera after installation is completed. Under Windows, this action may require administrator privileges. If the dialog box suggests that you are not allowed to install ActiveX components, try resolving the problem using the following steps:

1. In Internet Explorer, open **Tools > Internet Options > Security**. Click the **Custom Level** button.
2. Search for Download signed ActiveX controls. Under this heading select Prompt and then click **OK**.
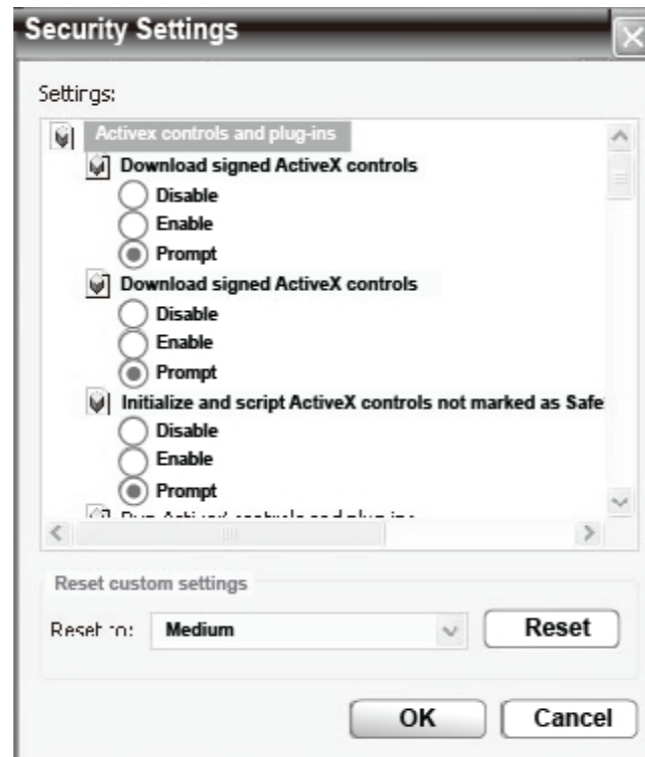
3. Continue installing the ActiveX components.
4. After installing ActiveX, go to **Tools > Internet Options > Trusted Websites > Sites** and add the IP address of the camera.

5 Logging out of the System

Logging off of the camera can be performed by closing the browser window.

Note: For details about accessing camera video using QuickTime or Real Player over RTSP, please refer to the IP Camera user manual.

6 Network Configuration

Prepare your internet connectivity by clicking **Configuration > Network.** From here you can configure LAN, PPPoE, and DDNS. Any changes will take effect after a camera reboot.

Network setting

The network type is
LAN,
using dhcp to obtain IP address automatically,
using UPnP presentation ,
using UPnP port forwarding
The ports set as following:
HTTP port is 80,
HTTPS port is 443,
RTSP port is 6002,
RTP port for video stream is 54,
RTCP port for video stream is 55,
RTP port for audio stream is 56,
RTCP port for audio stream is 57

access name for stream 1 with audio/video is "live1",
access name for stream 2 with audio/video is "live2"

Setup

DDNS setting

Please input the ip-discovery.com DDNS parameters

Host name   .ip-discovery.com

E-mail

The following port numbers is set up automatically at your router. Connect to the camera from Internet use the router's public IP address with the ports.

HTTP port	8080
HTTPS port	4434
RTSP port	3554
Video RTP port	54
Video RTCP port	55
Audio RTP port	56
Audio RTCP port	57

Register

Cancel Prev Next Finish