

CAMERA INSTALLATION

TYPE1



Standard package



Installation
Guide



Camera

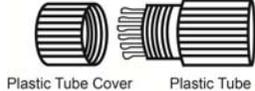
Instructions

Accessories

For selected models only



Rubber O-ring Waterproof Seal



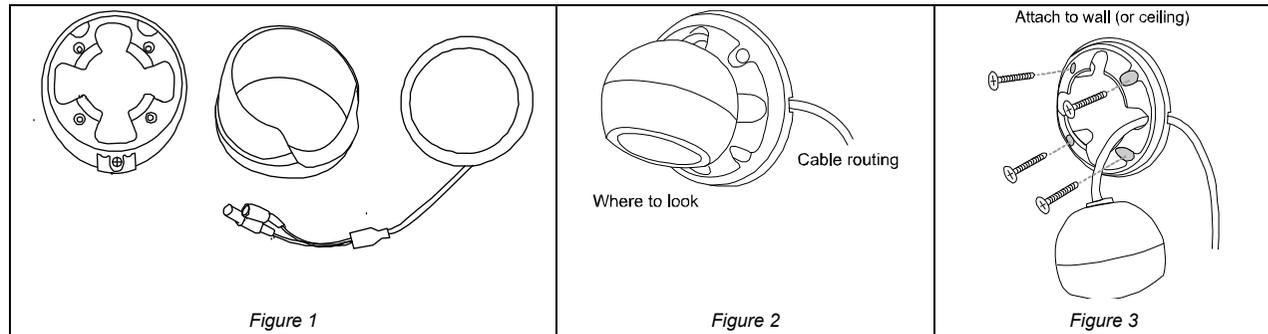
Plastic Tube Cover Plastic Tube

Waterproof kit

Step1: Disassemble the camera case into three parts as illustrated in *Figure 1*.

Step2: Locate the base on the place you would like to install the camera; make sure the cable can be arranged properly in the base. (Refer to *Figure 2*)

Step3: Drill 4 holes and screw the base to the wall (or ceiling).



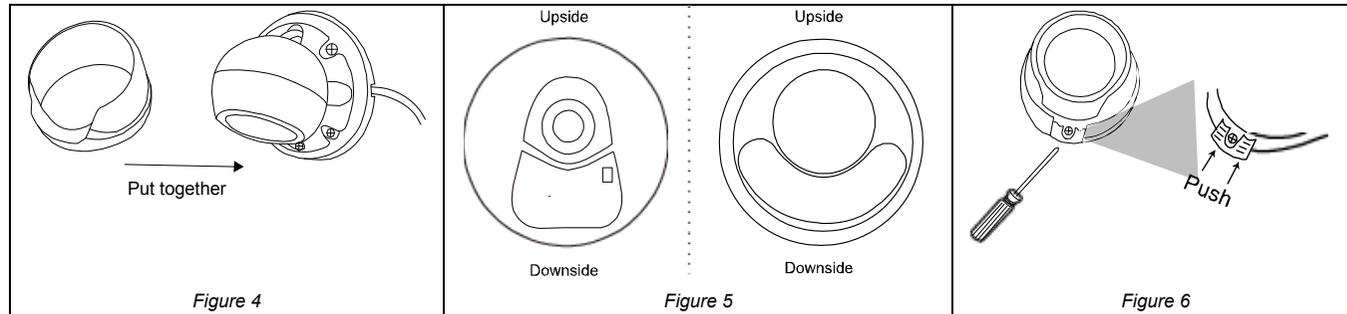
Step4: Put together the bracket and the lens, and slightly adjust the camera lens. Make sure it faces your target surveillance area.

Note: Do not install the lens opposite down. (Refer to *Figure5*)

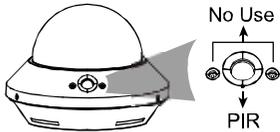
Step5: Screw the base tight. (Refer to *Figure 6*).

Step6: Power on the camera and fine-tune the viewing angle.

For the motorized vari-focal type, please go to the section, "**ADJUST FOCAL LENGTH & FOCUS**", to know how to adjust focal length and focus remotely.



TYPE2



No Use
PIR

Standard package



Installation
Guide



Camera

Instructions

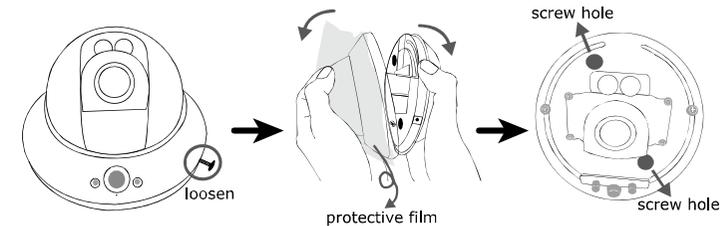
Screws & wall plugs

Step1: Find the screw on the dome cover and loosen it.

Step2: With the protective film attached on the dome cover, separate the cover with the camera base.

Note: The film is used to increase the force of friction, making it easier to separate the cover and the camera. You may need to do it harder.

Step3: Make sure the two screw holes on the plate are aligned with the holes on the camera base.



Step4: Drill a hole for each on the ceiling or wall by using the screw hole indication sheet supplied with the camera and secure the camera base to the ceiling or wall with the supplied screws.

Note: The distance between your camera and the location you want to monitor should be 3 ~ 4 meters.

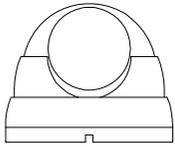
Step5: Connect your camera to power.

Step6: Pan and tilt the lens itself to adjust the position and viewing angle of the camera, and fasten the two screws on the plate to fix.

Step7: Replace the dome cover back to the camera.

Note: Please wipe the inner part of the dome cover against the lens for clear images.

■ TYPE3



▼ Standard package



Camera case

Installation
Guide

Instructions



Camera



Screws & wall plugs

▼ For selected models only



Rubber O-ring Waterproof Seal



Plastic Tube Cover Plastic Tube

Waterproof kit

Step1: Disassemble the camera case into three parts as illustrated in *Figure 1*.

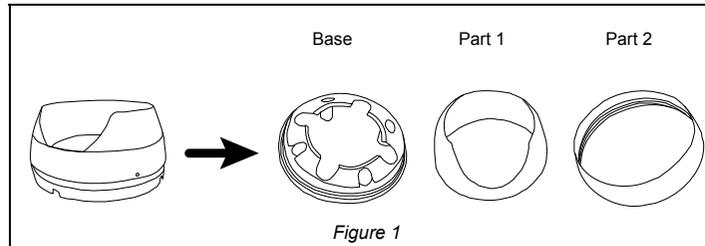


Figure 1

Step2: Locate where you want to install this camera (wall or ceiling), and drill holes on the wall or ceiling for securing the bracket and routing the cables (if necessary).

Step3: Attach the bracket to the wall (or ceiling), and make sure the cables are routed and arranged properly in the bracket, as shown in *Figure 2*.

Step4: Secure the bracket to the wall (or ceiling), as shown in *Figure 3*.

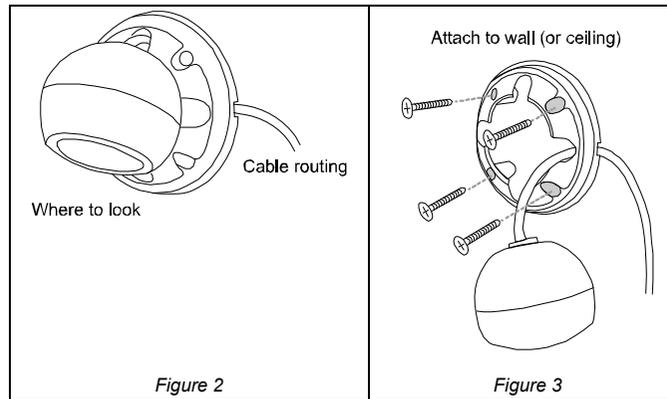


Figure 2

Figure 3

Step5: Slightly adjust the camera lens to where it's supposed to face, and replace Part 1 and Part 2 back, as shown in *Figure 4* and *Figure 5*.

Note: Do not install the lens opposite down. (Refer to *Figure 6*)

Step6: Power on the camera and fine-tune the viewing angle.

For the motorized vari-focal type, please go to the section, "**ADJUST FOCAL LENGTH & FOCUS**", to know how to adjust focal length and focus remotely.

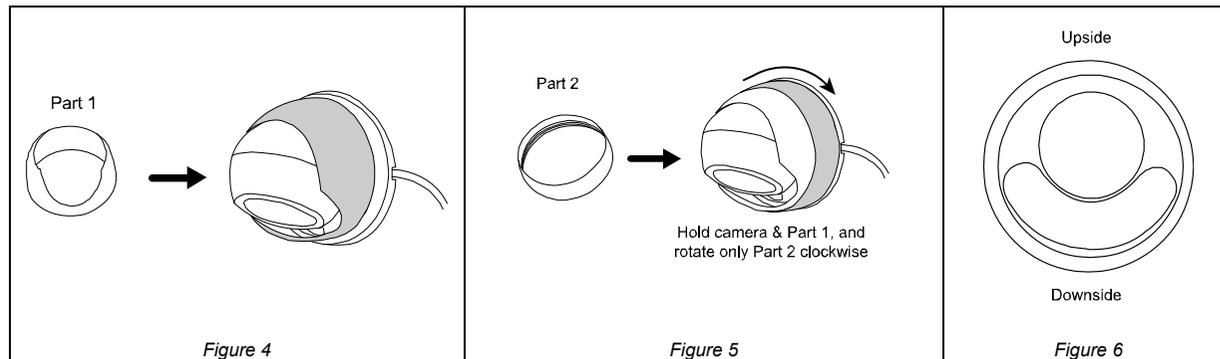


Figure 4

Figure 5

Figure 6

■ CABLE

Cable	Description
Power cable	DC12V power supply.
RJ45 network cable*	Connect it to a RJ45 cable.
GND	Used with external alarm device connection or hardware reset.
RESET	Reserved for hardware reset. Remove the insulating coating of the wire, and twist it with the GND wire together to reset the camera to its factory values.

* For PoE (IEEE802.3af) installation, make sure your network cable has the maximum cable resistance of 20Ω, such as CAT.5e or CAT.6 cables, to conform to the standard of IEEE802.3af.

■ DEFAULT VALUES

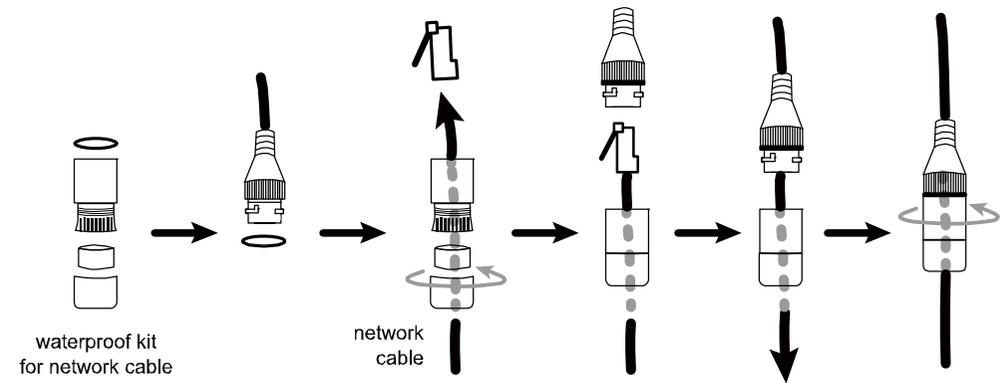
IP address	192.168.1.10
Port number	88
User name	admin
Password	admin

It's strongly recommended to change the default user name and password before using the camera to keep your account safe.

To change the default account, log into the camera, and go to **Config.** → **General** → **Account.**

You can create a new account and remove the default one if needed.

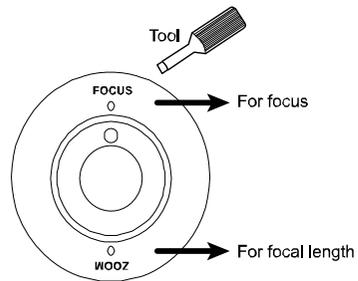
■ WATERPROOF KIT (For selected models only)



■ ADJUST FOCAL LENGTH & FOCUS (For selected models only)

Manually: For traditional vari-focal cameras

If you need to adjust the focus, the picture shows you where to adjust.



Remotely: For motorized vari-focal cameras

To remotely adjust focal length and focus of the camera, access the camera from Internet Explorer.

Note: The default camera IP address is 192.168.1.10, the port number is 88, and the user name and password are both admin.

To search the IP address and port number, you could download our IP scan tool from www.surveillance-download.com/user/dm1304.swf

In the tab of "Live View", you'll see the icons in the control panel area as below:

	Zoom Tele / Zoom Wide	Click to zoom in on the image to the largest / zoom out on the image to its original size.
	Max Zoom Tilt / Max Zoom Wide	Click to zoom in / out the image.
	Focus Far / Near	Click to adjust the focus of the image.

Note: You can also adjust the focal length and the focus by accessing to the NVR with PTZ controlling. For more detail, please refer to the NVR manual.

SYSTEM CONNECTION

1. Connect IP cameras and a monitor to the NVR, and power on the NVR, as illustrated below.

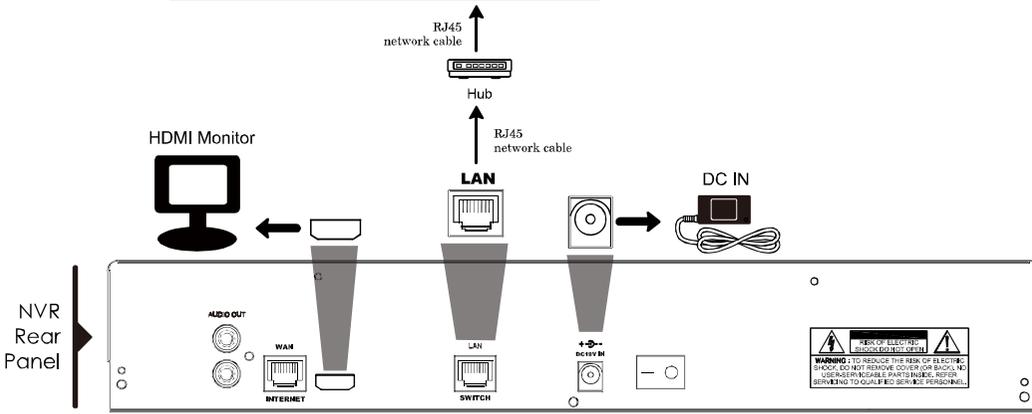
Note: Local connection only allows monitoring locally. To monitor from anywhere other than the NVR is installed, please connect your NVR to Internet.

2. Wait till each camera is configured automatically and you will see camera images on the monitor soon.

Note: Local connection only allows monitoring locally. To monitor from anywhere other than the NVR is installed, please connect your NVR to Internet.

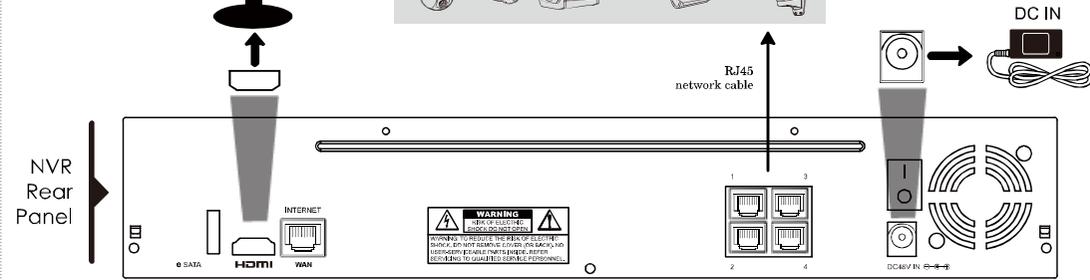
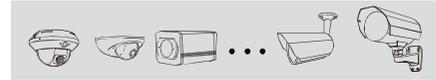
Type1

Connect IP cameras
(as many as the NVR supports):



Type2

Connect IP cameras
(as many as the NVR supports):



Free CMS
(CMS Lite)



Complete
User Manual