

Quick Installation Guide

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FD7141(V) Network Camera

Outdoor • Vandal-proof • WDR





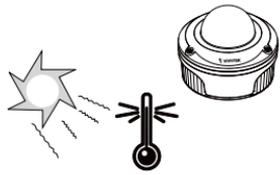
Warning Before Installation

● Power off the Network Camera as soon as smoke or unusual odors are detected.



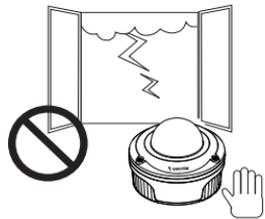
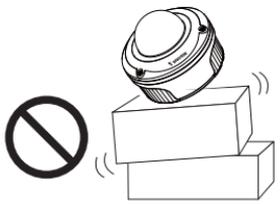
Contact your distributor in the event of occurrence.

● Refer to your user's manual for the operating temperature.



● Do not place the Network Camera on unsteady surfaces.

● Do not touch the Network Camera during a lightning storm.



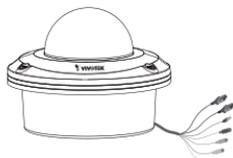
● Do not insert sharp or tiny objects into the Network Camera.

● Do not drop the Network Camera.

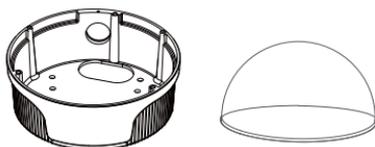


1 Package Contents

● FD7141 (FD7141V)



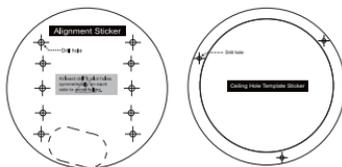
● Bottom Base / Plastic Cover (FD7141V only)



● Power Adapter



● Alignment Sticker / Ceiling Hole Template Sticker



● L-type Hex Key Wrench / RJ45 Female/Female Coupler / Silica Gel / Screws



● Quick Installation Guide / Warranty Card

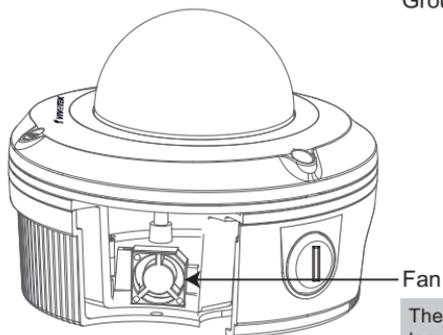
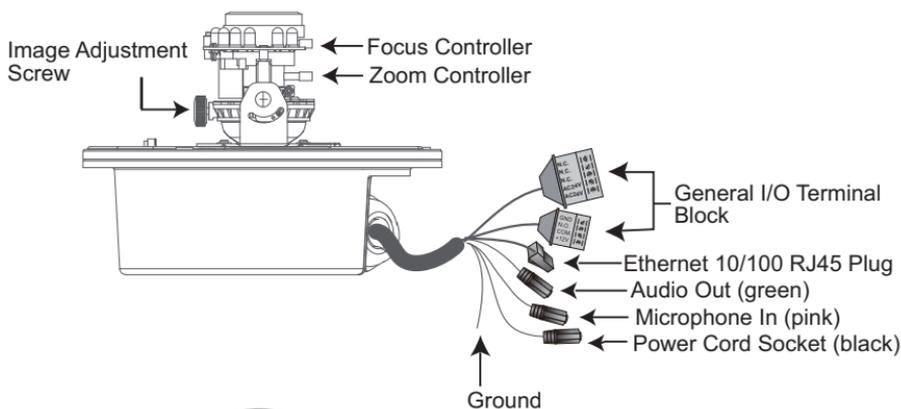
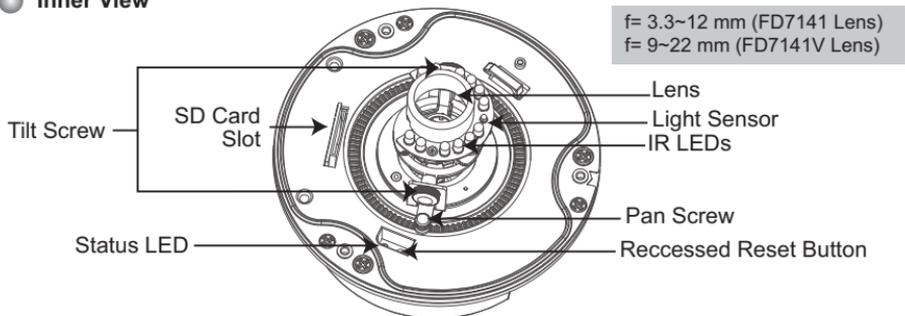


● Software CD



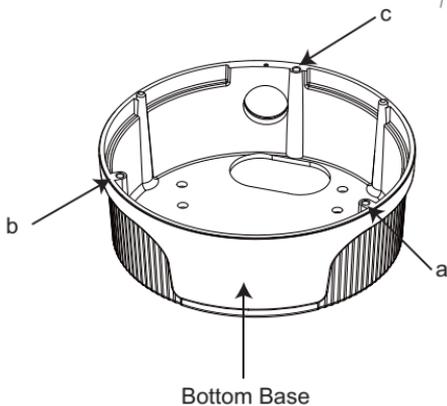
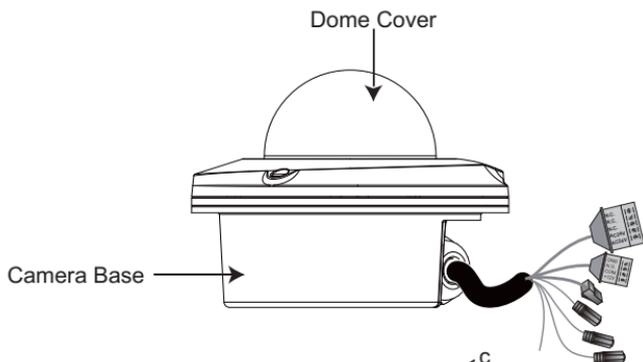
2 Physical Description

Inner View

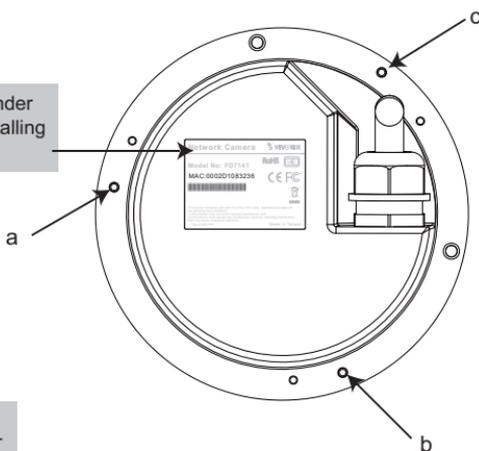


The fan will operate when the temperature inside the Network Camera reaches over 50°C.

● Outer View



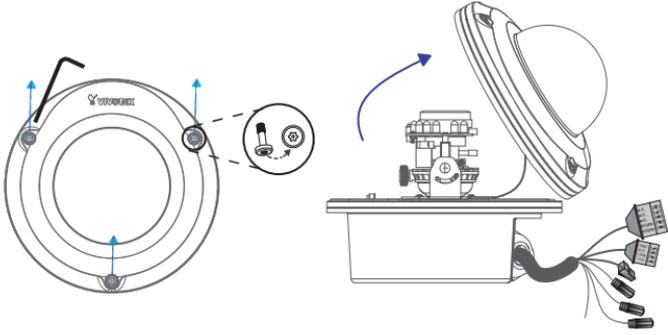
Record the MAC address under the camera base before installing the camera.



Hole a~c:
Holes for ceiling mount or
attaching the bottom base.

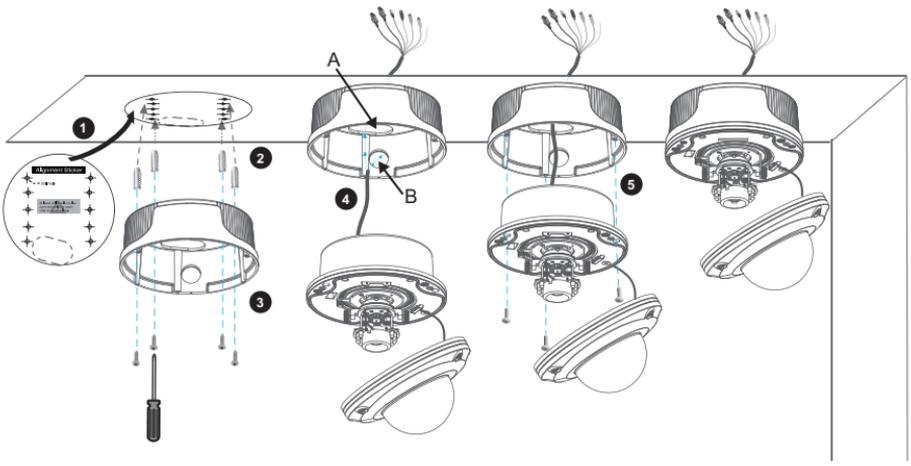
3 Hardware Installation

First, use a screwdriver to loose the three screws and detach the dome cover from the camera base. Then, follow the steps below to install the camera to either a ceiling or a wall.



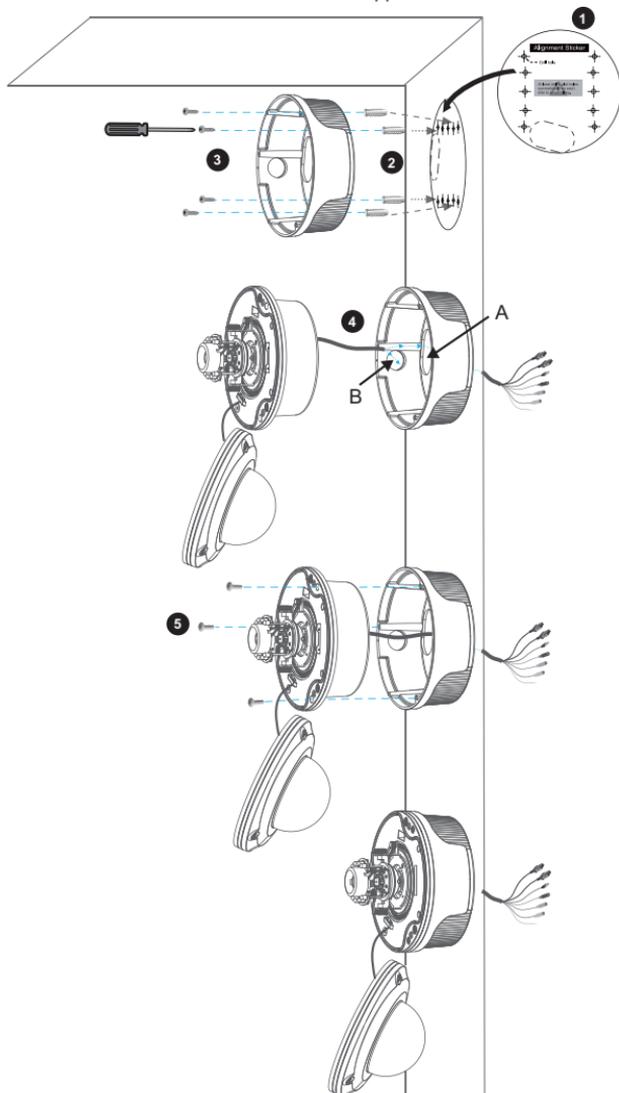
Ceiling mount with the bottom base

1. Attach the supplied alignment sticker to the ceiling.
2. Using the 10 circles on the sticker, drill 2 pilot holes symmetrically on each side into the ceiling. Then hammer the four supplied plastic anchors into the holes.
3. Through the four holes on the bottom base, insert the four supplied screws into the corresponding holes and secure the bottom base with a screwdriver.
4. Feed the cables through hole A or B. If you want to use hole B, remove the rubber stopper with a screwdriver.
5. Secure the camera base to the bottom base with three supplied screws.



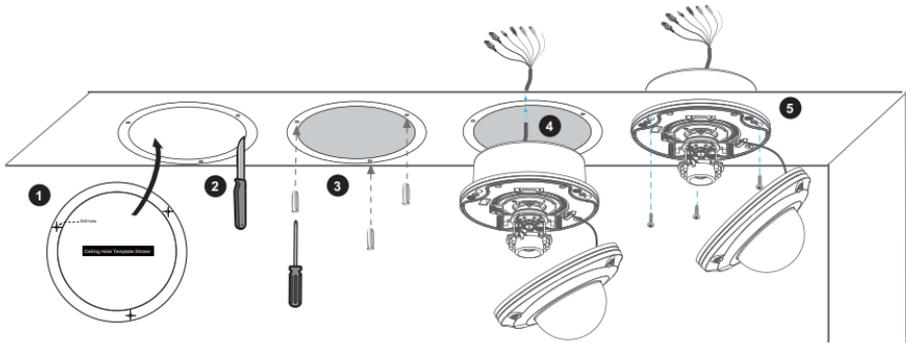
Wall mount with the bottom base

1. Attach the supplied alignment sticker to the wall.
2. Using the 10 circles on the sticker, drill 2 pilot holes symmetrically on each side into the wall. Then hammer the four supplied plastic anchors into the holes.
3. Using the four holes on the bottom base, insert the four supplied screws to corresponding holes and secure the bottom base with a screwdriver.
4. Feed the cables through hole A or B. If you want to use hole B, remove the rubber stopper with a screwdriver.
5. Secure the camera base to the bottom base with three supplied screws.



Ceiling mount without the bottom base (Embedded)

1. Attach the supplied ceiling hole template sticker to the ceiling.
2. Open a hole along the inner circle of the sticker.
3. Using the 3 circles on the sticker, drill 3 pilot holes into the ceiling. Then hammer the three supplied plastic anchors into the holes.
4. Mount the Network Camera to the ceiling and feed the cables through.
5. Using the three holes on the side of the camera base, insert the three supplied screws into the corresponding holes and secure them with a screwdriver.



4 Network Deployment

General Connection (without PoE)

1. If you have external devices such as sensors and alarms, make the connection from the general I/O terminal block.

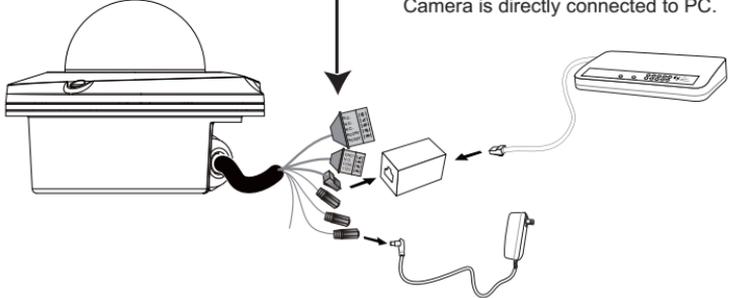


N . C . : No Connector
 N . C . : No Connector
 N . C . : No Connector
 AC24V: Power in AC 24V
 AC24V: Power in AC 24V



G N D : Ground
 D I : Digital Input
 D O : Digital Output
 + 12 V : Power, 12V DC

2. Use the supplied RJ45 female/female coupler to connect the Network Camera to a switch.
 Use a Category 5 Cross Cable when Network Camera is directly connected to PC.

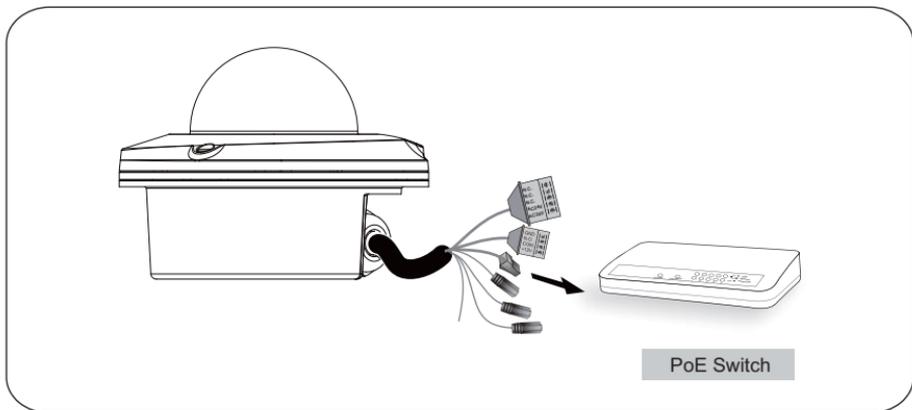


3. Connect the power cable from the Network Camera to a power outlet.

Power over Ethernet (PoE)

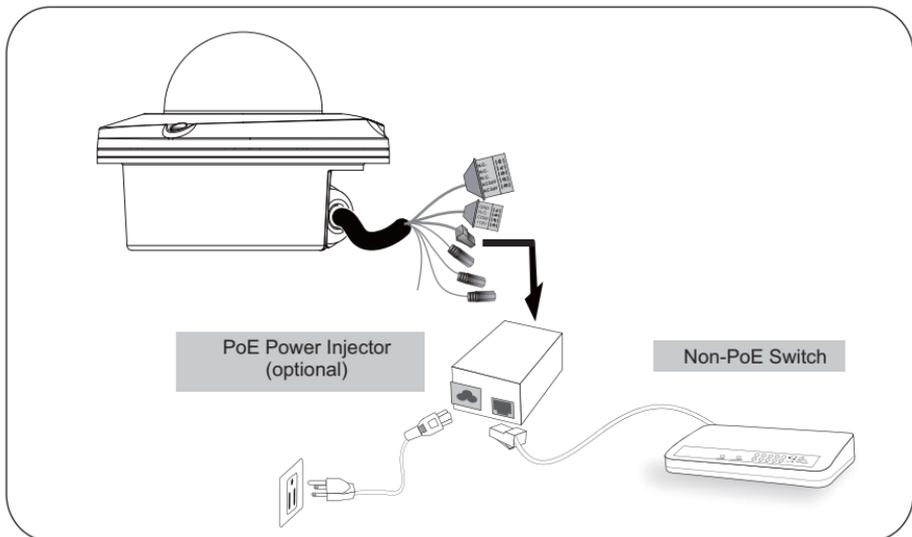
● **When using a PoE-enabled switch**

The Network Camera is PoE-compliant, allowing transmission of power and data via a single Ethernet cable. Follow the below illustration to connect the Network Camera to a PoE-enabled switch via Ethernet cable.



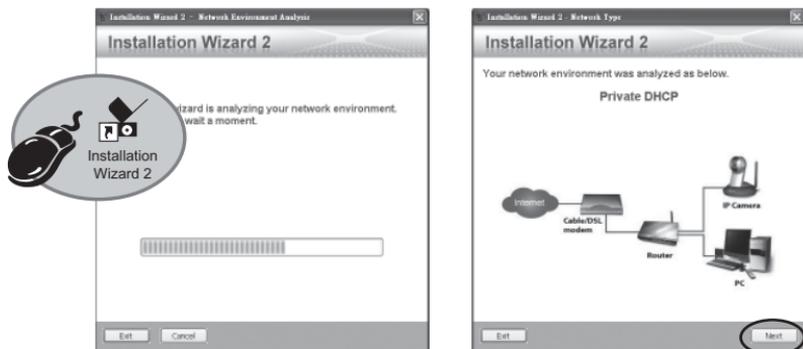
● **When using a non-PoE switch**

Use a PoE power injector (optional) to connect between the Network Camera and a non-PoE switch.



5 Assigning an IP Address

1. Install "Installation Wizard 2" from the Software Utility directory on the software CD.
2. The program will conduct an analysis of your network environment. After your network is analyzed, please click on the "Next" button to continue the program.



3. The program will search for VIVOTEK Video Receivers, Video Servers, and Network Cameras on the same LAN.
4. After searching, the main installer window will pop up. Click on the MAC that matches the one labeled on the bottom of your device to connect to the Network Camera via Internet Explorer.



6 Ready to Use

1. Access the Network Camera on the LAN.
2. Retrieve live video through a web browser or recording software.



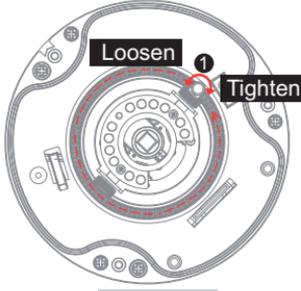
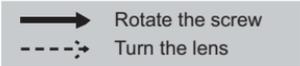
For further setup, please refer to the user's manual on the software CD.

7 Adjusting the Lens

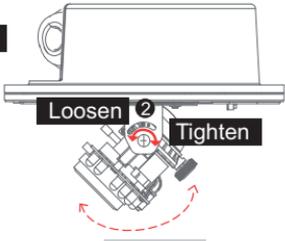
Based on the live image retrieved from the camera, adjust the camera lens by doing the following:

To adjust the viewing angle

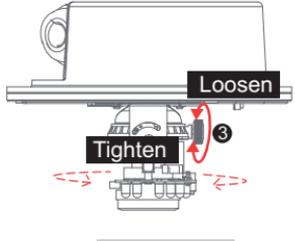
1. Loosen the pan screw and then turn the lens module left and right. Upon completion, tighten the pan screw.
2. Loosen the tilt screws on both sides of the camera and turn the lens module up and down. Upon completion, tighten the tilt screws.
3. Loosen the image adjustment screw and then turn the lens to adjust the image orientation. Upon completion, tighten the image adjustment screw.



Pan 350°



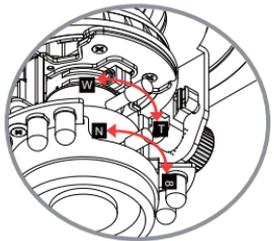
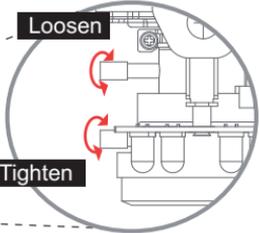
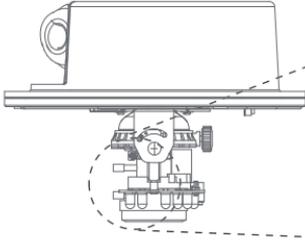
Tilt 95°



Rotate 350°

To adjust the zoom factor and focus range

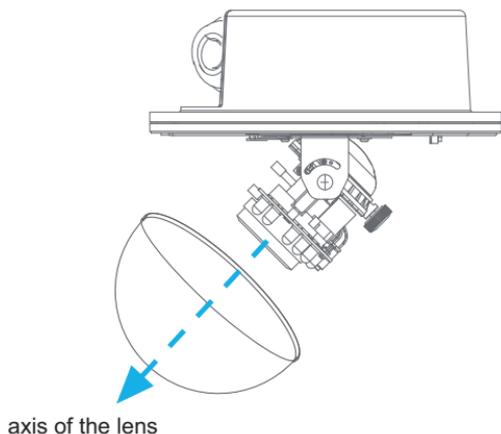
1. Loosen the zoom controller, then adjust zoom factor by moving the controller left and right. Upon completion, tighten the zoom controller.
2. Loosen the focus controller, then adjust focus range by moving the controller left and right. Upon completion, tighten the focus controller.



DO NOT over tighten the controllers. Doing so will damage the camera lens module.

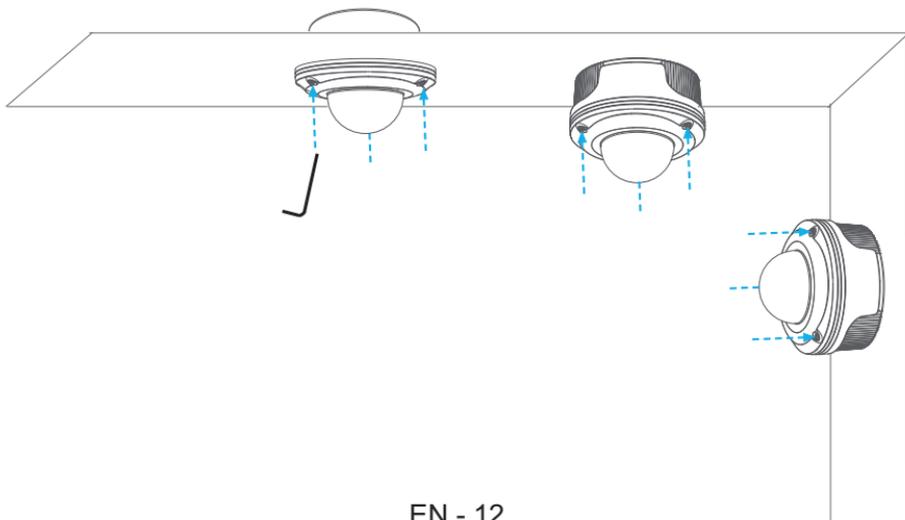
Note

If you are using **FD7141V** ($f= 9\text{--}22\text{ mm}$), please hold the supplied plastic cover in front of the lens while adjusting the focus controller as shown below.



8 Completion

Attach the dome cover to camera. Secure the three dome screws with the supplied screwdriver. Finally, make sure all parts of the camera are securely installed.





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