



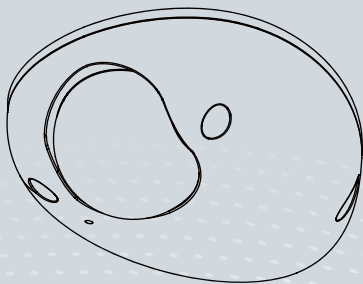
MD8531H Fixed Dome
Network Camera

Quick Installation Guide

English | 繁體中文 | 简体中文 | 日本語 | Français | Español | Deutsch | Português | Italiano | Türkçe | Polski | Русский | Česky | Svenska | Nederlands

Dansk | Indonesia | العربية

1.2MP • Vandal-proof • Mobile Surveillance



SUPREME



Warning Before Installation

- Power off the Network Camera as soon as smoke or unusual odors are detected.
- Do not place the Network Camera on unsteady surfaces.
- Do not insert sharp or tiny objects into the Network Camera.
- Replacing or failing to properly install the waterproof components, e.g., cables or cable glands, will void our IP65/66/67 warranty.
- Refer to your user's manual for the operating temperature.
- Do not touch the Network Camera during a lightning storm.
- Do not drop the Network Camera.

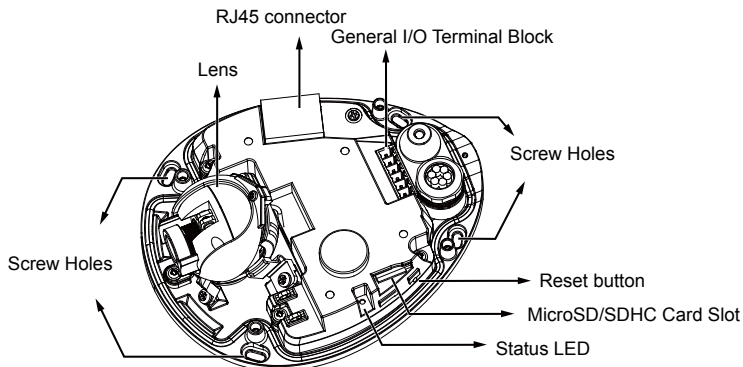


Package Contents

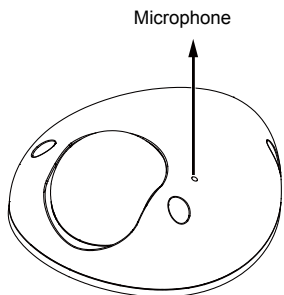
- MD8531H
- Software CD
- Quick Installation Guide
- Focus Adjustment Tool
- Alignment Sticker
- Screwdriver
- Desiccant bag
- Screws

2 Physical Description

Inner View



Outer View



Waterproof Level: IP66



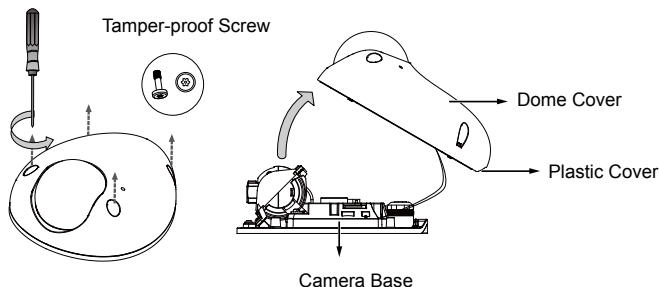
IMPORTANT:

Record the MAC address before installing the camera.



3 Hardware Installation

First, use the supplied screwdriver to detach the dome cover from the camera base. Insert your MicroSD/SDHC Card if necessary.

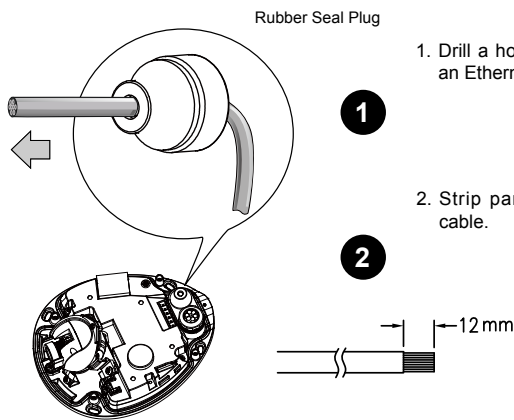


3.1 Connecting RJ45 Ethernet Cable

● RJ45 Cable Dimension

Recommended cable diameter: 5 to 8mm (Use CAT5e only)

● Assembling Steps

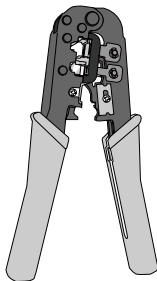
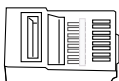


1. Drill a hole on the rubber seal plug and insert an Ethernet cable through the opening.

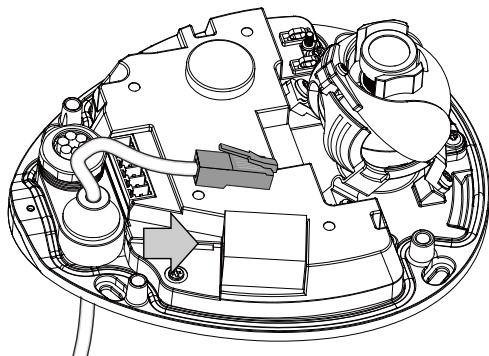
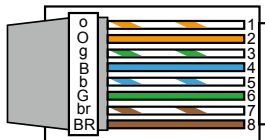
2. Strip part of the sheath from the Ethernet cable.

3. You will need an RJ45 crimping tool to attach the Ethernet wires to a connector. When done, connect the cable to the camera's Ethernet RJ45 socket.

3



o: white/orange stripe
O: orange solid
g: white/green stripe
B: blue solid
b: white/blue stripe
G: green solid
br: white/brown stripe
BR: brown solid

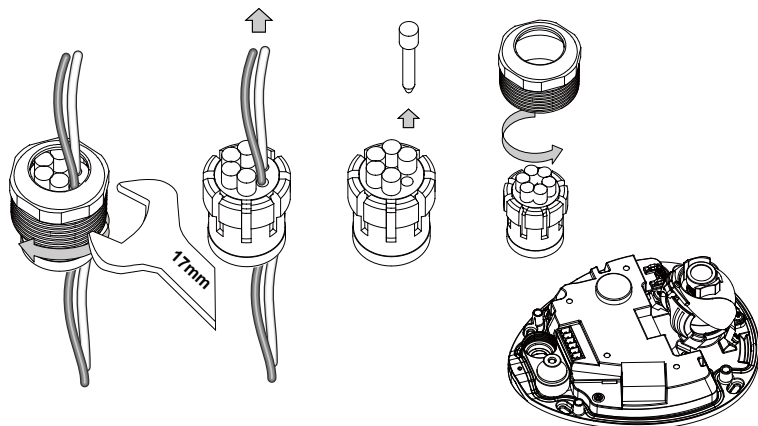


3.2 Connecting IO cables:

1. Remove the waterproof connector from the camera, and pass IO wires through the rubber seal as shown below. Tighten up and install the connector when done.

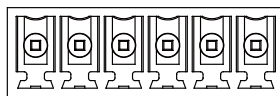
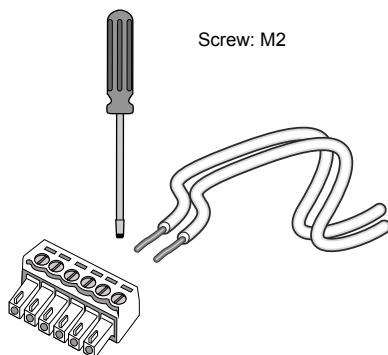
Wire range: 1.5mm~1.8mm; 20AWG

Strip length: 6~7mm



2. Use a small-size flat-blade screwdriver to secure IO wires to the included terminal blocks.

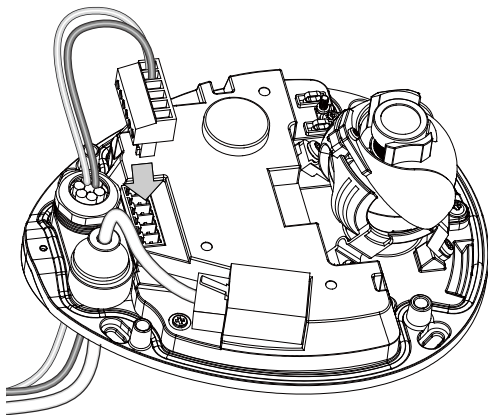
The pinouts are shown below.



6 5 4 3 2 1

1	DI-
2	DI+
3	DO-
4	DO+
5	Audio GND
6	Audio Out

3. Connect the terminal block to the camera.

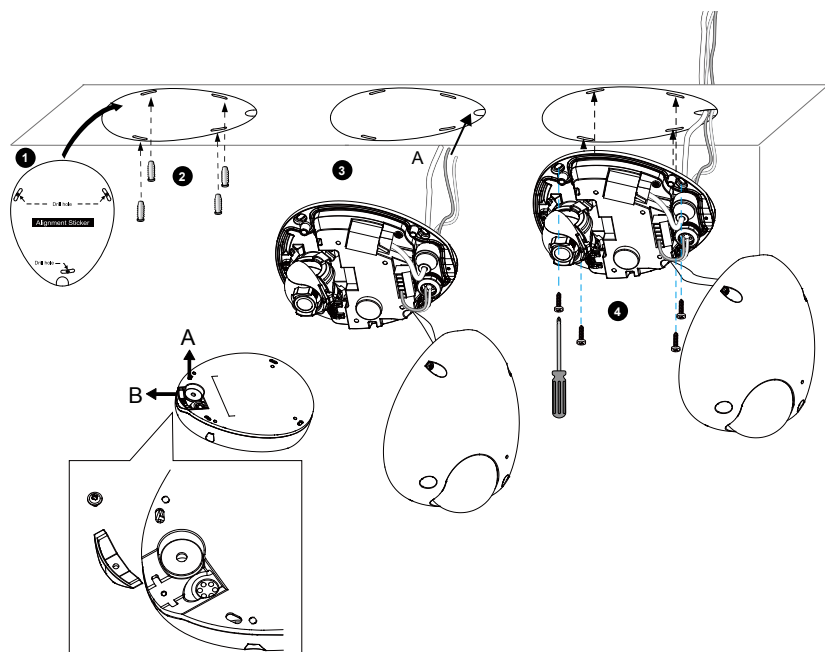
**NOTE:**

1. This equipment is only to be connected to PoE networks without routing to outside plants.
2. For PoE input connection, use only UL listed I.T.E. with PoE output.

3.3 Ceiling Mount

Then, follow the steps below to install the camera to either a ceiling or wall:

1. Attach the supplied alignment sticker to the ceiling/wall.
2. Using the 4 screw circles on the sticker, drill 4 pilot holes into the ceiling/wall. Then hammer the plastic anchors into the holes if necessary.
3. This Network Camera can be mounted with the cable routed through the ceiling/wall or from the side. If you want to feed the cable through the ceiling/wall, drill a cable hole A as shown in the picture. If the cable goes through the rear opening of the dome cover, please remove the plastic cover (B).
4. Through the 4 holes on the camera base, insert the screws to corresponding holes and secure the camera base with a screwdriver.



4 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 a brief search, the main installer window will pop up. Double-click on the MAC address that matches the one printed on the camera label or the serial number on the package box label to open a browser management session with the Network Camera.

5 Ready to Use

1. A browser session with the Network Camera should prompt as shown below.
2. You should be able to see live video from your camera. You may also install the 32-channel recording software from the software CD in a deployment consisting of multiple cameras. For its installation details, please refer to its related documents.



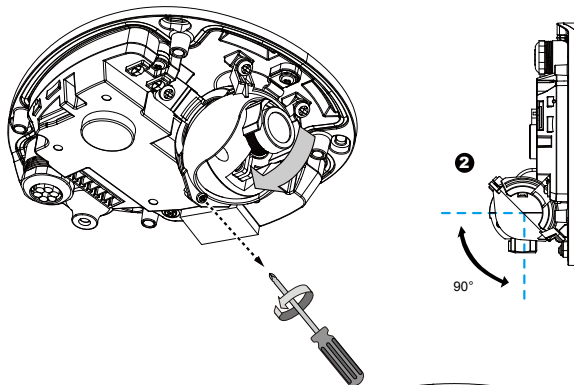
For further setup, please refer to the user's manual on the software CD.

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Adjusting the Lens

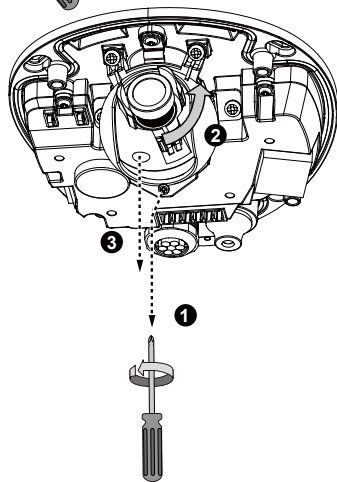
To adjust the viewing angle

1. Loosen the lens module retention screw (not removing it) on top of the lens module.
2. Adjust the lens to a desired viewing angle.
3. When done, fasten the screw so that lens orientation can be fixed and withstand shock and vibration.

**Fine-tune the Camera Focus**

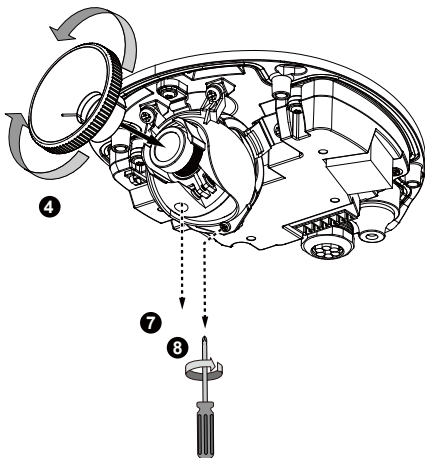
The focus of this network camera is set from 1.0 meter to infinity by factory default. If you want to focus on objects closer than 1.0m or the lens has lost focus, please fine tune it in the following way.

1. Loosen the retention screw on top of the lens module.
2. Rotate the lens module to the side to access the lens focus retention screw.
3. Loosen the focus retention screw.

**NOTE:**

You can also rotate the lens module to correct the field of view when mounted on a tilted surface.

4. Use the adjustment tool to adjust the lens focus by rotating the lens clockwise or counter-clockwise.
5. Rotate the lens module back to the correct orientation. Put on the dome cover, but do not completely tighten its screws yet.
6. Check the live console to see if the image is clear. Repeat the process until the live image is clear.
7. Tighten the lens focus retention screw.
8. Tighten the lens module retention screw.

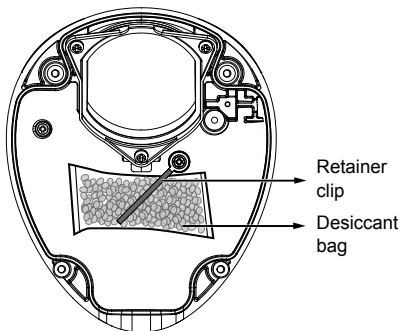


7

Completion

Open the aluminum foil vacuum bag and take out the desiccant bag. Attach the supplied desiccant bag to the inner side of the dome cover, to under the retainer clip. (Please replace the desiccant whenever you open the dome cover.)

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



IMPORTANT:

Please secure the screws tightly to avoid moisture.

HARDWARE LIMITED WARRANTY

What Is Covered: This warranty covers any hardware defects in materials or workmanship, with the exceptions stated below.

How Long Coverage Lasts: This warranty lasts for TWENTY-FOUR MONTHS from the date of purchase by the original end-user customer.

What Is Not Covered: This warranty does not cover cosmetic damage or any other damage or defect caused by abuse, misuse, neglect, use in violation of instructions, repair by an unauthorized third party, or an act of God. Also, if serial numbers have been altered, defaced, or removed. Further, consequential and incidental damages are not recoverable under this warranty.

What VIVOTEK Will Do: VIVOTEK will, in our sole discretion, repair or replace any product that proves to be defective in material or workmanship. Any repair or replaced part of the product will receive a THREE-MONTH warranty extension.

How To Get Service: Contact our authorized distributors in your region. Please check our website (www.vivotek.com) for the information of an authorized distributor near you.

Your Rights: SOME STATES DO NOT ALLOW EXCLUSION OR LIMITATION OF CONSEQUENTIAL OR INCIDENTAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

VIVOTEK INC.

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1. Proof of the date of purchase is required. In the event you can not render such document, warranty will commence from the date of manufacture.
 2. Cosmetic damage will only be covered by this warranty if such damage has been existed at the time of purchase.



P/N:625024100G Rev. 1.0

All specifications are subject to change without notice.

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