Quick Installation Guide

English | 繁中 | 简中 | 日本語 | Français | Español | Deutsch | Português | Italiano | Türkçe | Polski | Русский | Česky | Svenska | العربية

FD8162

2 MP • PIR • Focus Assist

Network Camera

VIVOTEK
SUPREME
2 MP • Full HD

SUPREME
A NEW DEFINITION OF HD

VIVOTEK

Warning Before Installation

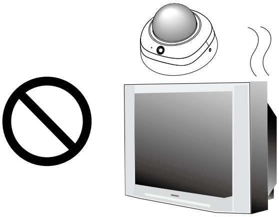
Power off the Network Camera as soon as smoke or unusual odors are detected.

Contact your distributor in the event of occurrence.

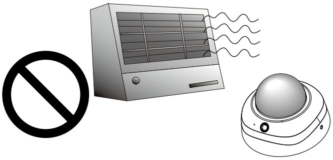
Keep the Network Camera away from water. If the Network Camera becomes wet, power off immediately.

Contact your distributor in the event of occurrence.

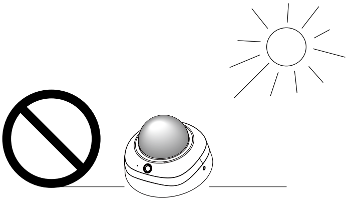
Do not place the Network Camera around heat sources, such as a television or oven.



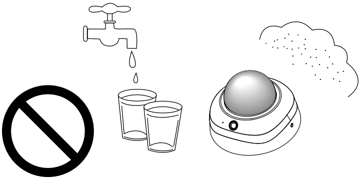
Refer to your user's manual for the operating temperature.



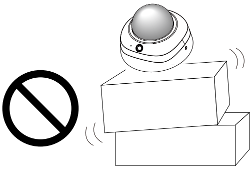
Keep the Network Camera away from direct sunlight.



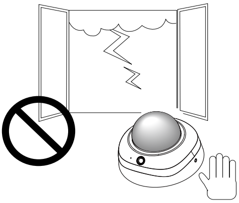
Do not place the Network Camera in high humidity environments.



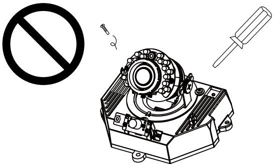
- **Do not place the Network Camera on unsteady surfaces.**



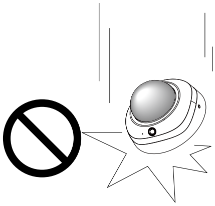
- **Do not touch the Network Camera during a lightning storm.**



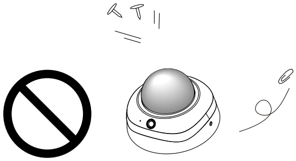
- **Do not disassemble the Network Camera.**



- **Do not drop the Network Camera.**

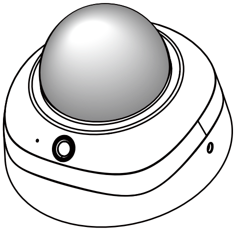


- **Do not insert sharp or tiny objects into the Network Camera.**

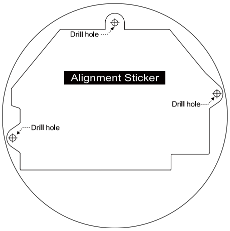


1 Package Contents

FD8162

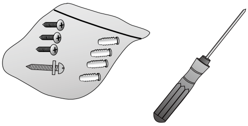


Alignment Sticker

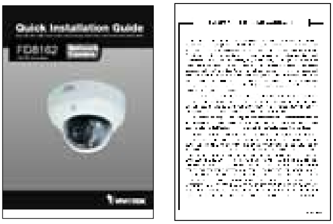

Drill hole
Alignment Sticker
Drill hole
Drill hole

Software CD

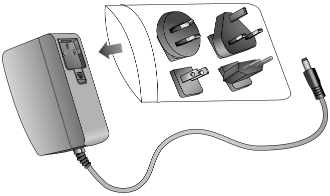
T10 Torx Screwdriver/ Screws / Plastic Anchors



Quick Installation Guide / Warranty Card

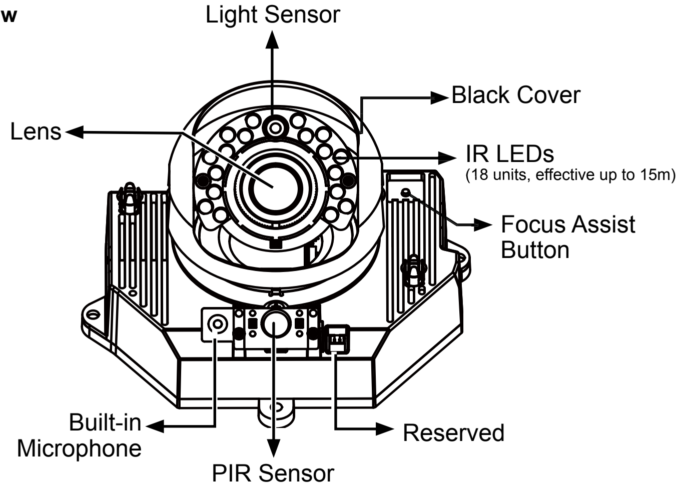

Quick Installation Guide
FD8162

DC Power Adapter (Optional)

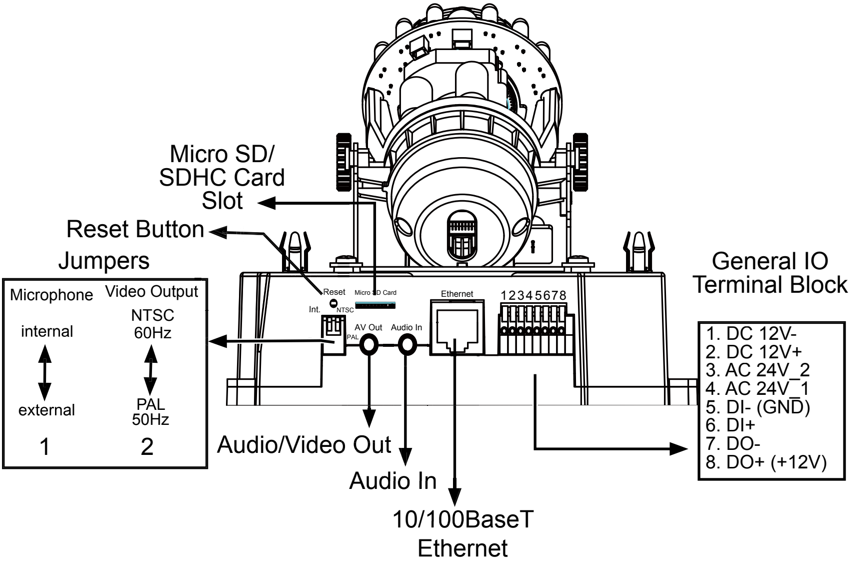


2 Physical Description

Camera Front View


Light Sensor
Black Cover
Lens
IR LEDs
(18 units, effective up to 15m)
Focus Assist Button
Built-in Microphone
Reserved
PIR Sensor

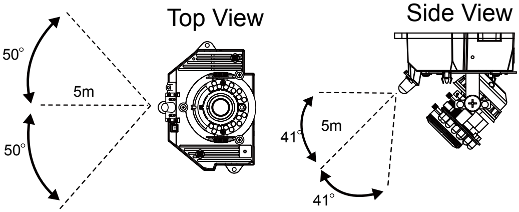
Camera Rear View


Micro SD/ SDHC Card Slot
Reset Button
Jumpers
Microphone
Video Output
internal
NTSC 60Hz
external
PAL 50Hz
1
2
Reset
Micro SD Card
Int.
NTSC
PAL
AV Out
Audio In
Ethernet
12345678
General IO Terminal Block
Audio/Video Out
Audio In
10/100BaseT Ethernet

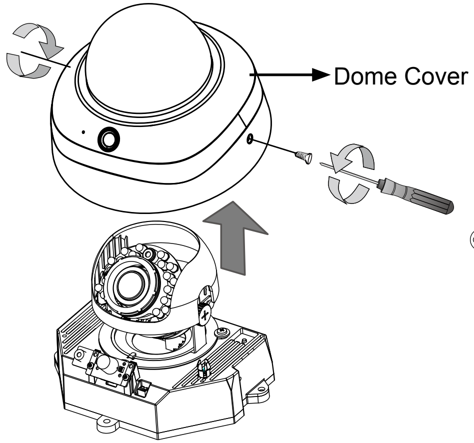
1. DC 12V-
2. DC 12V+
3. AC 24V_2
4. AC 24V_1
5. DI- (GND)
6. DI+
7. DO-
8. DO+ (+12V)

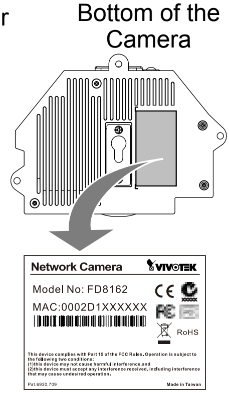
3 Hardware Installation

Before installing your camera, make sure the built-in PIR (Passive Infrared Sensor) can be directed toward the area of interest, where possible intrusion may occur. (The sensitivity of PIR sensor depends on the object size and temperature differences between the object and the background environment.)



Use the included T10 Torx screwdriver to loosen screws on the sides of dome cover to remove it. You should then jot down the MAC address printed on the bottom of the camera.





Network Camera VIVOTEK

Model No: FD8162

MAC:0002D1XXXXXX

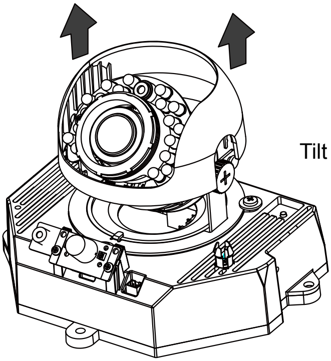
RoHS

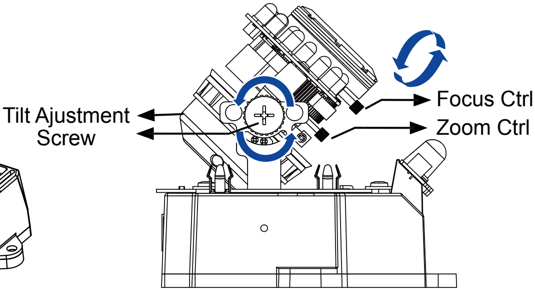
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1)this device may not cause harmful interference,and
(2)this device must accept any interference received, including interference that may cause undesired operation.

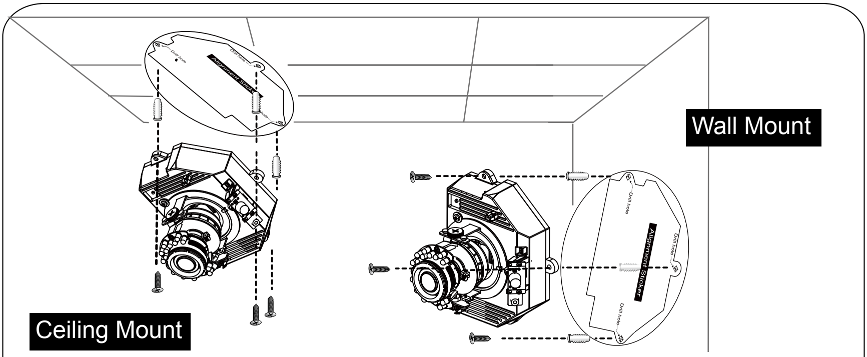
Pat.6930,709

Made in Taiwan

Remove the black cover as shown below so that you can fine-tune the focus and zoom the camera later when the cabling is done.





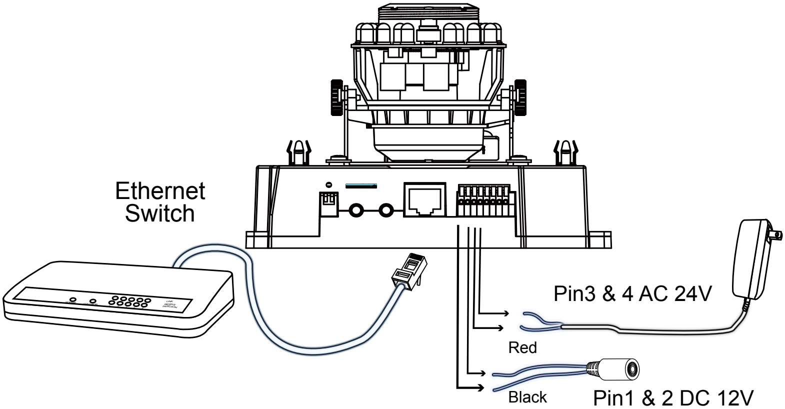

Drill hole
Alignment Sticker
Wall Mount
Ceiling Mount

1. Attach the alignment sticker to the ceilling/wall.
2. Through the two circles on the sticker, drill two pilot holes into the ceilling/wall.
3. The 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 above picture.
4. Hammer the supplied plastic anchors into the holes.
5. Align the two holes on each side of the camera base with the two plastic anchors on the ceilling/wall, insert the supplied screws to corresponding holes and secure them with a screwdriver.

4 Network Deployment

General Connection (without PoE)

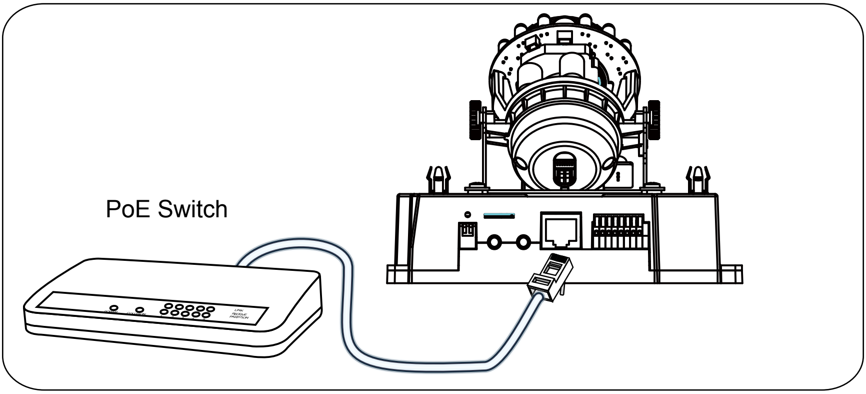
1. If you have external DI devices, make the connection from general I/O terminal block.
2. Ethernet, power, and other cables are user-supplied. Use a Category 5 Cross Cable when Network Camera is directly connected to PC.
3. Connect either the DC or AC pins from the terminal block to a power outlet.


Ethernet Switch
Pin3 & 4 AC 24V
Red
Black
Pin1 & 2 DC 12V

Power over Ethernet (PoE)

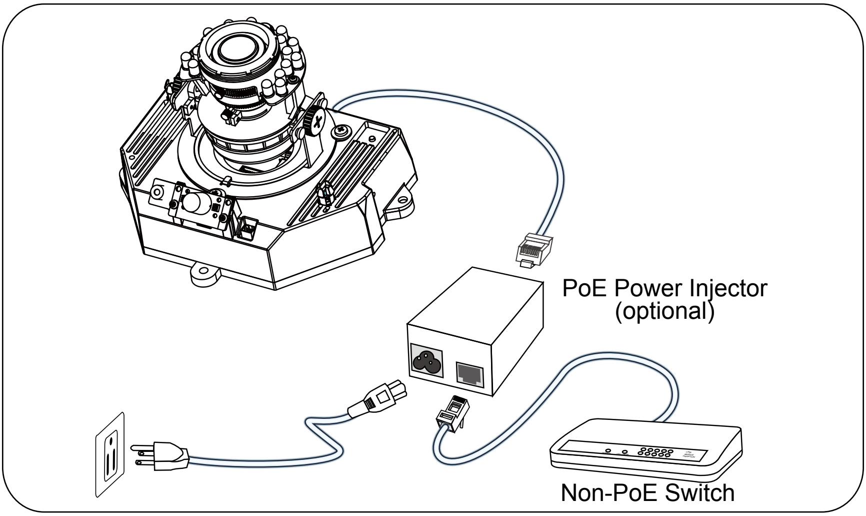
When using a PoE-enabled switch

This 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.



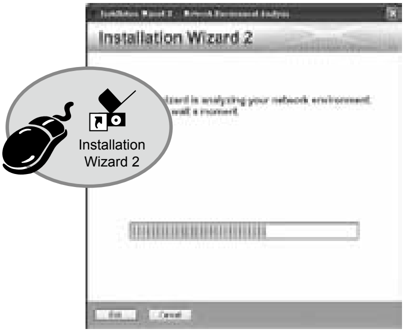
When using a non-PoE switch

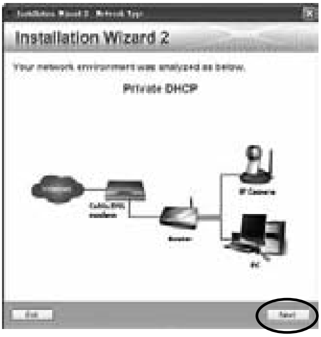
Use a PoE power injector (optional) to connect between the Network Camera and a non-PoE switch.


PoE Power Injector
(optional)
Non-PoE Switch

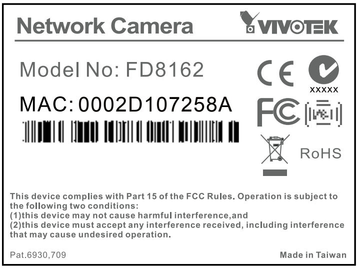
5 Assigning an IP Address

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.


Installation Wizard 2
Installation Wizard 2


Installation Wizard 2
Private DHCP

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 S/N number on the package box label to open a browser management session with the Network Camera.



Network Camera VIVOTEK

Model No: FD8162

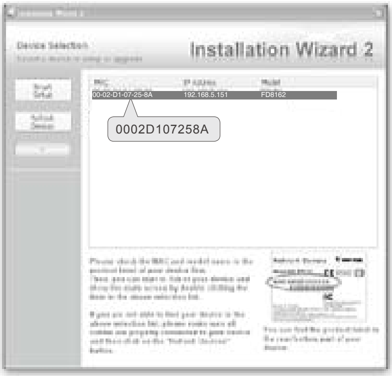
MAC: 0002D107258A

xxxxx

RoHS

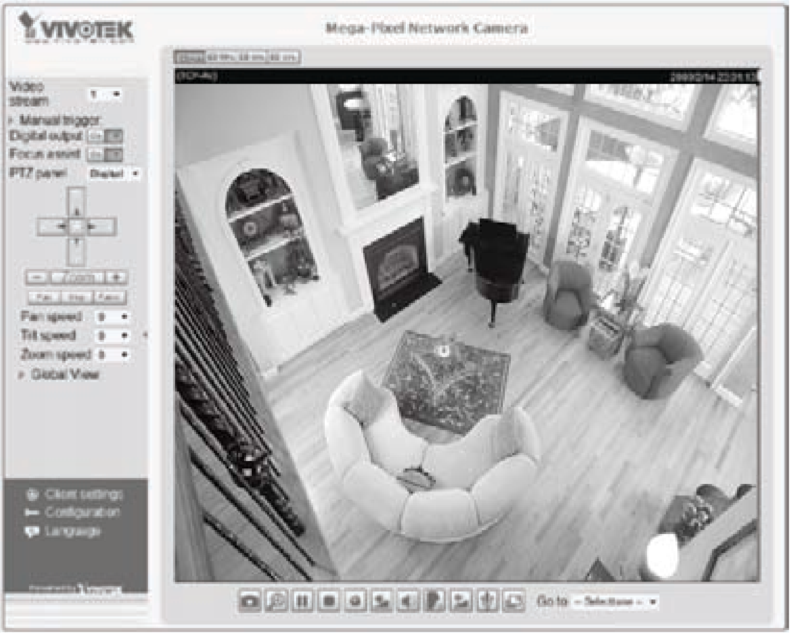
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1)this device may not cause harmful interference,and
(2)this device must accept any interference received, including interference that may cause undesired operation.

Pat.6930,709 Made in Taiwan


Installation Wizard 2
00-02-D1-07-25-8A
192.168.5.151
FD8162
0002D107258A

6 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.

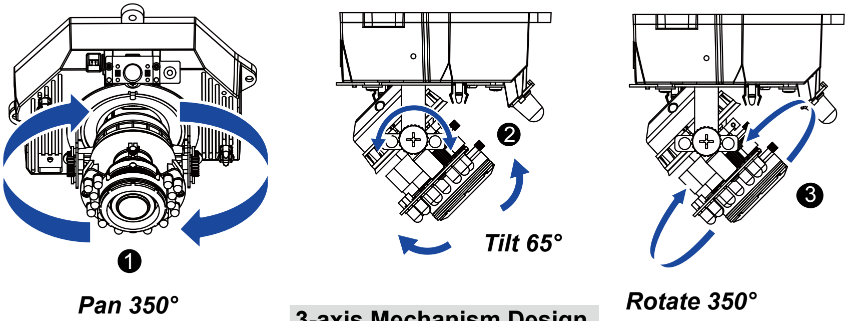

VIVOTEK
Mega-Pixel Network Camera
Video stream
Manual trigger
Digital output
Focus assist
PTZ panel
Digital
Zoom
Pan speed
Tilt speed
Zoom speed
Global View
Client settings
Configuration
Language
Go to
-- Select one --

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 to the desired view angle:

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

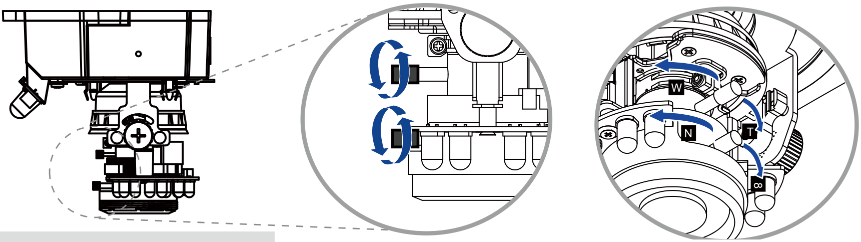


3-axis Mechanism Design

The sophisticated 3-axis mechanism design offers very flexible, easy hardware installation for either ceiling or wall mount.

To adjust the zoom factor and focus range

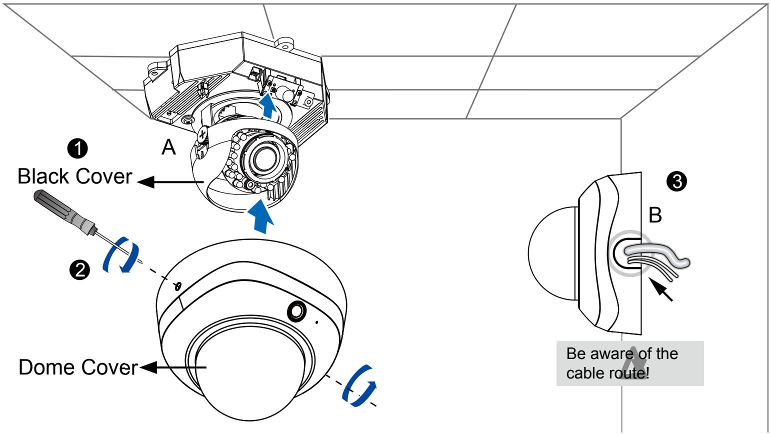
1. Loosen the zoom controller and then adjust zoom factor by moving the controller left and right. Upon completion, tighten the zoom controller screw.
2. Loosen the focus controller and then adjust focus range by moving the controller left and right. Upon completion, tighten the focus controller screw.



DO NOT over-tighten the controller bars. Doing so will damage the camera lens module.

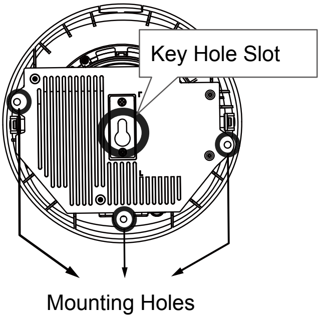
8 Completion

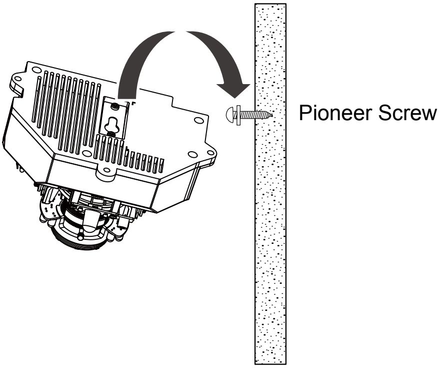
1. Align the notches on the inner side of the black cover with the rivets on the sides of the lens, and then fix the black cover.
2. If you choose to feed the cable through the ceiling/wall, arrange the cables neatly through the cable hole A (not shown in the drawing). If you choose to feed the cable from the side, remove plate B.
3. Attach the dome cover to the camera as the direction shown below. Tighten two screws from the sides of the dome cover.
4. Finally, make sure all parts of the camera are securely installed.



Be aware of the cable route!

1. When mounting the camera, you can use the key hole slot at the bottom. The key hole slot helps facilitate installation and a safe mounting. First fasten a pioneer screw to the wall/ceiling. Mount the camera to the screw.
2. Use a pencil to mark the locations of the 3 permanent mounting holes.
3. When cabling and the initial adjustment is done, mount the camera by fastening screws to the 3 mounting holes.





VIVOTEK
WWW.VIVOTEK.COM