



Quick Connection Guide

N437VEW / N437VDL SERIES
IR Vandal Dome Network Camera

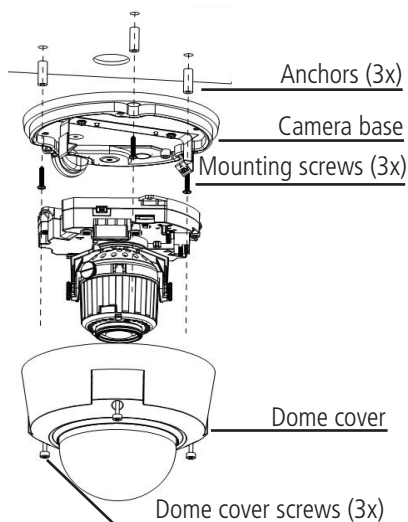


PACKAGE CONTENTS:



1 Installing the Camera

- A** Use the included Allen key to loosen the dome cover screws (3x) and remove the dome cover.
- B** Use the included mounting template to drill holes for the mounting screws.
- C** Connect the cables as shown in the section "Connecting the Camera".
- D** Mount the camera to the surface using the included mounting screws (3x).
- E** Adjust the camera angle according to the next section, "Adjusting the Camera".



NOTE: Use the included drywall anchors if installing into drywall.

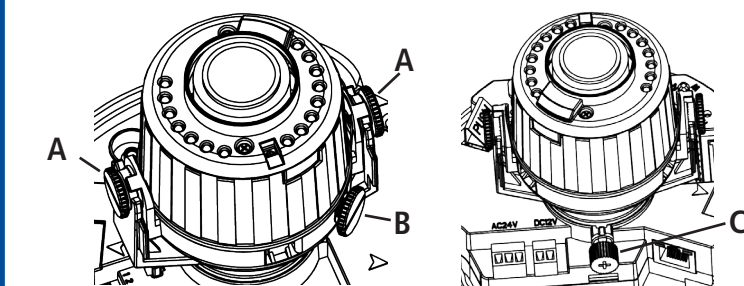
NOTE: If you are running the cable through the side conduit, remove the side conduit cap and run the cable through the side conduit.



Weatherproof plug must be inserted

2 Adjusting the Camera

- A** Loosen the knobs on the sides of the lens to adjust the vertical position of the camera.
- B** Loosen the offset knob to twist the camera lens.
- C** Loosen the knob under the camera module to adjust the horizontal position of the camera.
- D** Replace the dome cover and tighten the dome cover screws (3x).
- E** Remove the vinyl film from the dome cover.

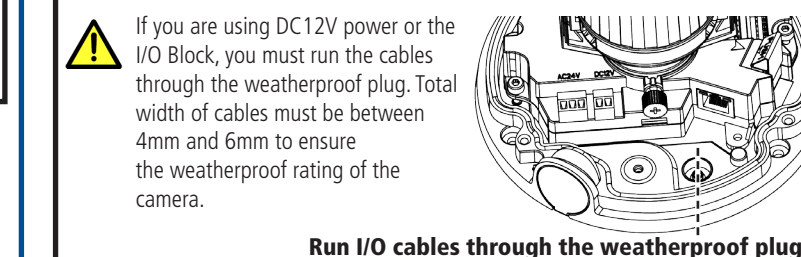


NOTE: The zoom/focus is adjusted using the web browser interface or a FLIR NVR. See the Instruction Manual located at www.flir.com/security/support for details.

NOTE: Ensure that the IR LEDs are clear of the housing when the dome cover is installed to avoid IR reflection, which can cause cloudiness in the nighttime image.

3 Connecting the Camera

- A. Ethernet Port:** Connect the camera to an NVR or a router or switch on your network using Cat5e or better Ethernet cable (not included). PoE Class 3 supported (802.3af).
- B. AC24V Input:** If not using PoE, connect the camera to an AC24V power source (750mA or higher required).
- C. AC24V Terminal:** Connection block for AC24V power.
- D. DC12V Terminal:** Connection block for DC12V power (1100mA or higher required).
- E. I/O Block:** Includes ports for 1x alarm input, 1x audio input, 1x audio output, and 1x analog video output.



Run I/O cables through the weatherproof plug

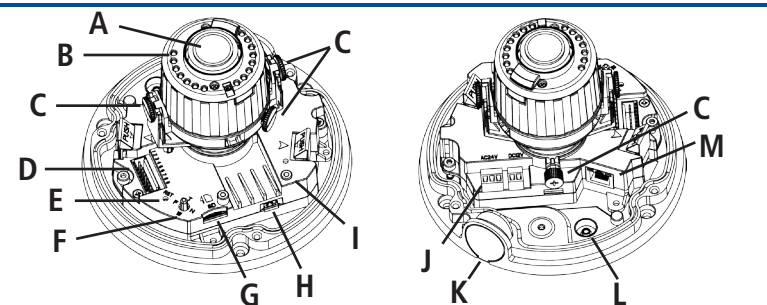
Latest software and manuals available on
www.flir.com/security/support



For support, visit
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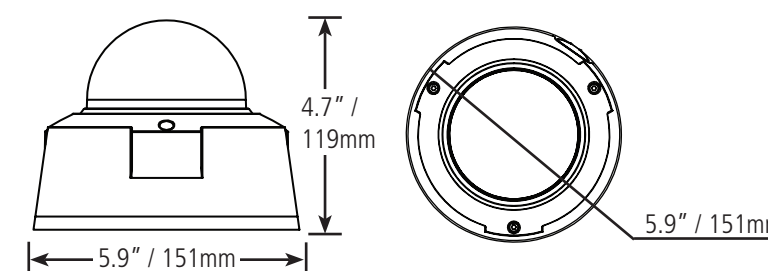
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Camera Overview



- A. Lens**
B. IR LEDs
C. Camera Adjustment Knobs
D. I/O Block: See "Connecting the Camera" for details.
E. Reset: Press and hold for 10 seconds to reset the camera to default settings.
F. Zoom/Focus Joystick: Press **T** to zoom in and **W** to zoom out. Press **F** and **N** to adjust focus or press on the middle of the joystick to activate auto-focus.
G. microSD Card Slot: For local recording, you can install a microSD card up to 32GB. SanDisk™ or Kingston™ brand microSD cards are recommended.
NOTE: For details on configuring microSD recording, see the Instruction Manual located at www.flir.com/security/support
- H. Not supported.**
I. Status LED: Glows green when camera is powered. Flashes red for network communication.
J. Power Input Terminals: See "Connecting the Camera" for details.
K. Side Conduit
L. Weatherproof Plug: You can run I/O Block or DC12V cables through the weatherproof plug. Total width of cables must be between 4mm and 6mm to ensure weatherproof rating of camera.
M. Ethernet Connector

Weights & Dimensions



Weight
2.6lbs / 1.2kg

Safety Precautions

- Use an appropriate low voltage power cable to prevent fire or electrical shock.
- If using DC power, make sure to follow the correct polarity as marked on the power cable.
- Make sure to install the camera in an area that can support the camera weight.
- There are no user serviceable parts inside the camera. Please do not disassemble the camera.
- Do not clean the lens cover with an abrasive cleaning material. Please use a soft cloth to clean the lens cover.
- Camera is rated for outdoor use (IP66), but is not intended for submersion in water.

FCC Notice

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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