

V-4022C INDOOR HD VIDEO CAMERA

Installation Guide

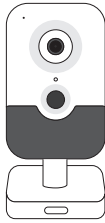


Figure 1: V-4022C Camera

DESCRIPTION

The V-4022C is a 2 Megapixel indoor video camera that allows users to view live and recorded HD video clips in Virtual Keypad™.

To activate the camera, you need an active Dealer Admin account at dealer.securecomwireless.com.

Compatibility

- Any active Virtual Keypad account with **Cameras & NVRs** enabled

What is Included?

- One V-4022C Camera with Mounting Plate
- 12 VDC Power Supply
- Mounting Template
- Hardware Pack



1 WIRE THE CAMERA

Refer to Figure 2 for the location of power and Ethernet connectors.

Standard Power Connection

Connect the 12 VDC power supply to the camera power connector. For wired network, connect a network cable to the camera Ethernet connector.

PoE Connection

Connect a network cable to the camera Ethernet connector. Connect the cable to a 48 V PoE switch or injector.

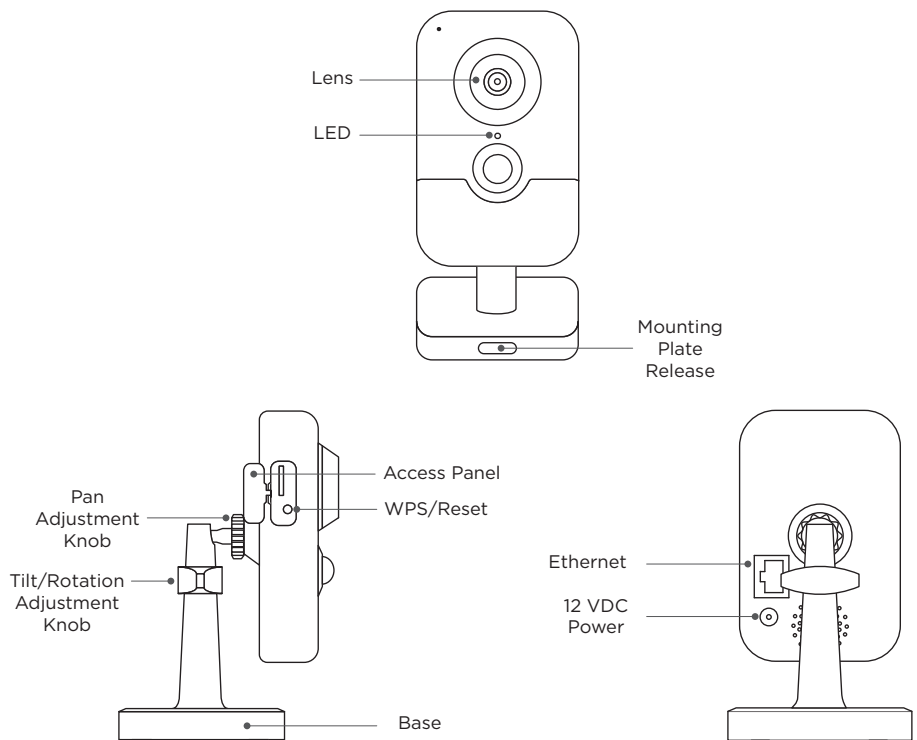


Figure 2: Camera Details

2 MOUNT THE CAMERA

The V-4022C is suitable for stand, wall, and ceiling mounting applications. Refer to Figure 2 and Figure 3 during mounting and camera adjustment.

Wall or Ceiling Mount

Ceiling mounting will be covered as an example in this section. However, the same steps may be referenced for wall mounting.

1. Using the included template, mark and drill the screw holes for the mounting plate.
2. Press the Release button to release the mounting plate from the camera.
3. Install the mounting plate with the supplied mounting screws.
4. Fasten the camera base to the mounting plate.

Adjust the Camera Angle

1. Loosen the pan adjustment knob.
2. Adjust the pan angle as needed, then re-tighten the knob.
3. Loosen the tilt/rotation adjustment knob.
4. Adjust the tilt and camera rotation angles, then re-tighten the adjustment knob.

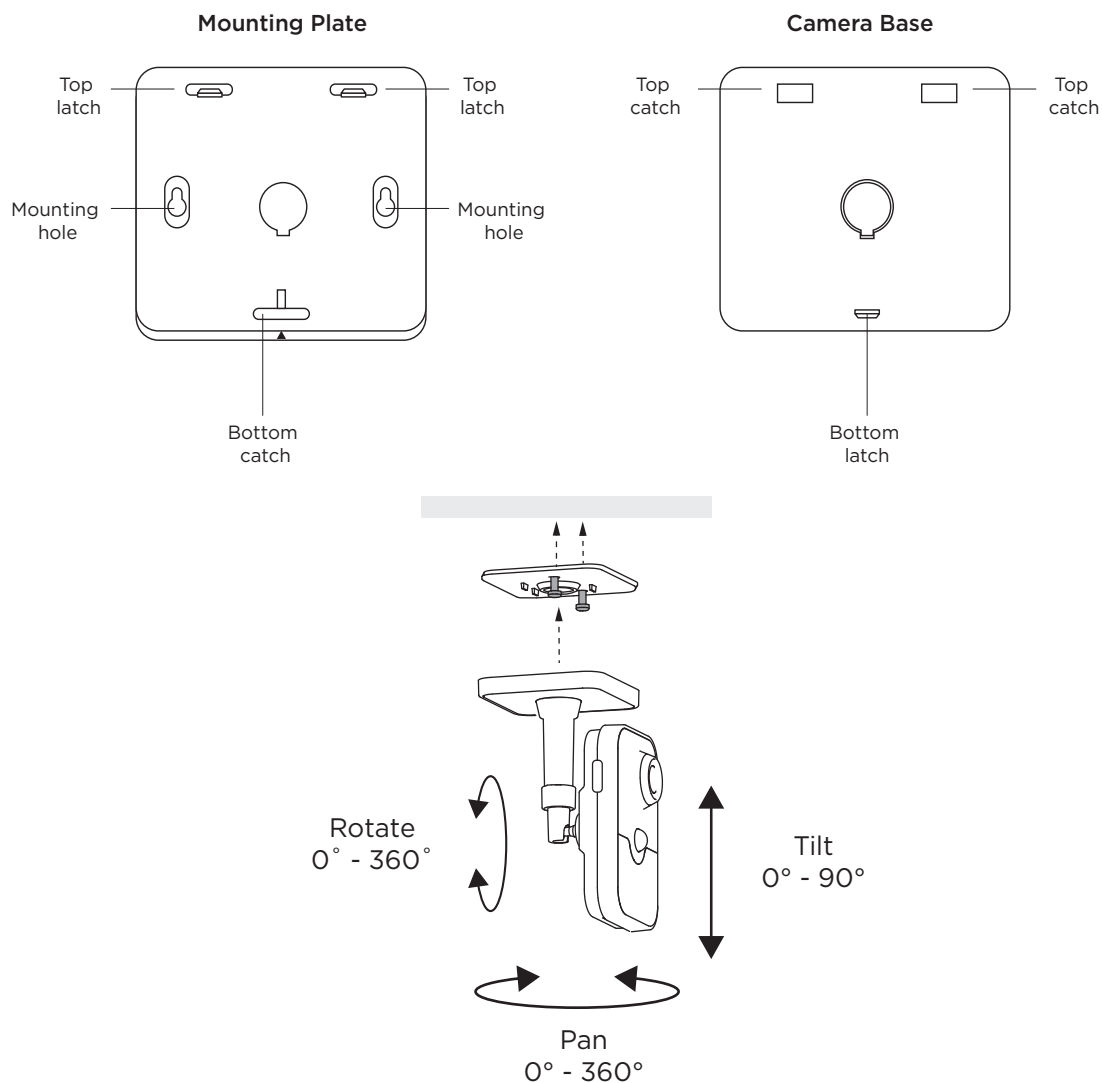


Figure 3: Mounting and Adjusting the Camera

3 CONNECT THE CAMERA

Select one of the following connection methods and complete the appropriate steps to configure the camera.



Note: DMP recommends marking the Ethernet cable from the customer's router to the WAP to help with network troubleshooting.

Connect to a WAP

Auto Pair

Verify that the WAP is powered. Plug the camera's 12 VDC power supply into a standard 120 V electrical outlet. The camera starts auto-pairing when powered.

Manual Connection

1. Plug the camera's 12 VDC power supply into a standard 120 V electrical outlet.
2. Open the camera's side access panel.
3. Press the WPS button on the back of the WAP for up to 1.5 seconds. The Security LED will flash to indicate that the WAP is in pairing mode.
4. Within 1 minute of pressing the WPS button on the WAP, press and hold the camera's WPS/RESET button for three seconds. Once the camera and router are fully connected, the WPS LED on the WAP turns on steady.
5. Close the access panel.

Connect to a Router with WPS

1. Plug the camera's 12 VDC power supply into a standard 120 V electrical outlet.
2. Open the camera's side access panel.
3. Refer to the router's instruction manual to place the router in WPS mode. Within 1 minute of pressing the WPS button on the router, press and hold the camera's WPS/RESET button for three seconds. Refer to the router's instructions to determine when the camera and router are connected.
4. Close the access panel.

Use a Wired Connection

Plug the camera's 12 VDC power supply into a standard 120 V electrical outlet and ensure the Ethernet cable is connected. For POE connections, requires power from the connected 48 V POE switch or injector.

4 ACTIVATE THE CAMERA

After you've connected the camera to the network, activate it in Dealer Admin.

1. Log in to Dealer Admin.
2. Find the customer and select the relevant account number. Select **Edit**.
3. In **Video**, enable **Cameras & NVR**, then press **Save**.
4. On the **System Information** page, press the Add Camera button and enter the camera's **SERIAL NUMBER**. Press **Next**.
5. Enter a name for the camera.
6. Select the camera's time zone.
7. If the camera image needs to be inverted due to mounting position, toggle **Flip Image**.
8. To configure clip recording options, select **Clips**.
 - a. If you don't want this camera to record video clips any time it detects motion, choose **Never Record Motion**.
 - b. If you want this camera to record video clips any time it detects motion, choose **Always Record on Motion**.
 - c. If you want the camera to record motion-triggered clips only when the system is armed, choose **Record Motion When Armed**.
 - d. To record video clips continuously during the first minute after the system triggers an alarm, select **Record on Alarm**.
9. Press **Save**.

ADDITIONAL INFORMATION

Enable Email Clips

If the user would like to be emailed video clips, enable **Email Video Clips** in Dealer Admin. When this feature is enabled, video clips are emailed to the app user.

1. Find the customer and select their name.
2. In **App Users**, find the user's row, select the More icon, then select **Edit**.
3. Select **Email Video Clips**, then press **Save**.

LED Operation

- **Red**—The camera is recording clips.
- **Blinking Blue**—The camera is not recording clips.
- **Blinking Red and Blue**—The camera is powered, but not connected to the network.

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Specifications

Sensor and Lens

Image Sensor 2 MP, 1/3" CMOS

Network

LAN 802.3 compliant 10/100 LAN

Wireless IEEE 802.11b/g/n
WPA/WPA2

IP Protocol IPv4

Hardware

Power Consumption

12 VDC Max 7.0 W

PoE (802.3af) 48 V

Weight 0.28 lbs (0.13 kg)

Dimensions 4.0" x 2.6" x 1.3"
(10.28 cm x 6.52 cm x 3.26 cm)

Housing Material Plastic

Environmental

Operating Temperature 14 °F to 104 °F (-10 °C to 40 °C)

Operating Humidity 95% RH or less, non-condensing

Ordering Information

V-4022C 2 MP Indoor HD Video Camera

Accessories

371-500B-W

12 VDC Power Supply

V-IP1006RR

Wireless Access Point (WAP)

Compatibility

Any DMP system with an active Virtual Keypad™ account



LT-2175 22151

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