V-4020C-1 INDOOR HD VIDEO CAMERA

Installation Guide

Figure 1: V-4020C-1 Indoor HD Video Camera

DESCRIPTION

The V-4020C-1 is an indoor wired or wireless video camera that allows live view and recorded clips through the Virtual Keypad App™, as well as email motion-triggered video clip notification. To activate the camera, you'll need an active dealer account at dealer.securecomwireless.com.

Compatibility

• Any DMP system with an active Virtual Keypad app

• All SecureCom Cameras and NVRs

What is Included?

• One V-4020C-1 Camera

• Three-axis Mounting Bracket

• 12 VDC Power Supply

• Mounting Screws

1 MOUNT THE CAMERA

The V-4020C-1 Camera is suitable for stand, wall, and ceiling mounting applications.

Refer to Figures 2 and 3 during mounting and lens adjustment.

Stand Mount

1. Assemble the three-axis bracket.
2. Align the camera body to the bracket and rotate the camera body to connect it to the bracket.

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. Install the fixed plate with the supplied mounting screws.
3. Fasten the mounting base to the fixed plate.
4. Attach the camera to the bracket.

Adjust the Camera Angle

1. Loosen the adjustment knob.
2. Adjust the tilt direction (0° to 360°).
3. Rotate the camera (0° to 360°) to adjust surveillance angle.
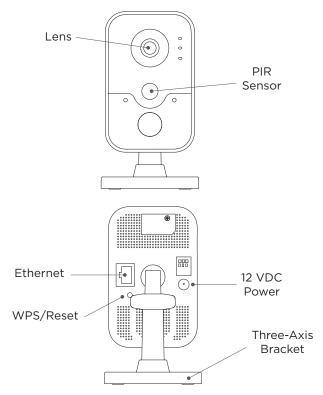4. To lock the camera in place, tighten the adjustment knob.
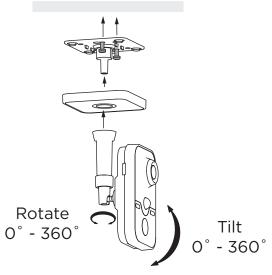

Figure 2: Indoor HD Video Camera

SecureCom
video

Figure 3: Mounting and Adjusting the Camera

2 CONFIGURE THE CAMERA

The V-4020C-1 can be configured to communicate to the SecureCom Video server in several ways. The option you choose depends on whether or not a DMP wireless access point (WAP) is available. The following sections outline the step-by-step processes for setting up a V-4020C-1 camera.

Connect to V-IP1006RR WAP

Auto Pair

1. Verify that the V-IP1006RR WAP is powered.
2. Plug the 12 VDC power supply into the camera power connection, then connect it to a power outlet or connect the PoE Ethernet cable. Auto pairing will begin immediately.

Wireless Connection

1. Plug the 12 VDC power supply into the camera power connection, then connect it to a power outlet.
2. 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 sending a security key to the camera.
3. Within 1 minute of pressing the WPS button on the WAP, press and hold the WPS/RESET button located on the back of the camera for three seconds. See Figure 2. Once the camera and router are fully connected, the WPS LED on the WAP turns on steady.

Connect to a Non-DMP WAP with WPS

1. Plug the 12 V power supply into the camera 12 VDC power connection, then connect it to a power outlet.
2. Refer to the router's instruction manual to place the router in WPS mode.
3. Within 1 minute of pressing the WPS button on the WAP, press and hold the WPS button on the camera for three seconds. See Figure 2. Once the camera and router are fully connected, the WPS LED on the WAP turns on steady.

Use a Wired Connection

1. Plug an Ethernet cable with an active Internet connection into the V-4020C-1 Ethernet port before powering the camera. Refer to Figure 2.
2. Plug the 12 VDC power supply into the camera 12 VDC power connection, then connect it to a power outlet.

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

3 ACTIVATE THE CAMERA

Once communication has been established, activate the camera on Dealer Admin. To learn how to add an NVR in Dealer Admin, refer to the V-4408D Installation Guide (LT-1779) or Dealer Admin Help.

Note: Cameras that are not connected to an NVR must be assigned a static IP address or have a DHCP reservation configured.

1. Log in to Dealer Admin (dealer.securecomwireless.com).
2. To open the **System Information** page, locate the customer and select their system account number.
3. To enable video, select **Edit**. Enable **SecureCom Cameras & NVR**, then press **Save**.
4. Press the Add Camera button and enter the 12-digit MAC Address located on the back of the camera. Press **Next**.
5. Enter a name for the camera.
6. Select the camera's time zone. If necessary, select **Observe Daylight Savings Time**.
7. If the camera image needs to be inverted due to mounting position, at **Flip Image?**, select **Yes**.
8. To allow this camera to record motion-triggered video clips, select **Clips**.
   a. If you only want this camera to offer a live camera view through the Virtual Keypad app, 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**.
9. To record video clips continuously during the first minute after the system triggers an alarm, select **Record on Alarm**.
10. Press **Save**.

The device status is displayed next to the camera name. Refresh the page to display the latest status. When the camera is active and communicating with SecureCom video servers, the status is displayed as **Active** and a check mark is displayed in the **Network Ready** column.

To view the camera feed during installation, select the camera name under **Video Devices** on the **System Information** page to display a live video feed for the first 60 minutes after activation. This allows the user to position the camera in the desired location. Once 60 minutes has passed, the camera feed can only be seen through the user's Virtual Keypad app.

ADDITIONAL INFORMATION

Enable Email Clips

If the user would like to be emailed video clips, enable Email Clips in Dealer Admin.

1. After finding the customer, select their name.
2. The **Customer Summary** page opens. In **App Users**, find the user's row and select the More icon, then select **Edit**.
3. Select **Email Video Clips**.
4. To keep your changes, press **Save**.

Email Clips sends emails with a video clip attachment to the app user any time the video camera records a clip to the SecureCom video server.

LED Operation

- **Red**—The camera is detecting motion and recording clips.
- **Blue**—The camera is not detecting motion and not recording clips.

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Specifications

Sensor and Lens

Image Sensor	1/3" CMOS Sensor
PIR Sensor	Direction Range 32.5 feet
Video Compression	H.264, M-JPEG
Resolution	720p (1280 x 960)
Frame Rate	Up to 30 frames per second

Weight

Camera with stand	14.1 oz

Network

Wireless	IEEE 802.11b/g/n; WEP64/128 bit, WPA/WPA2 Personal, WPS

Hardware

Power Consumption	12 VDC / Max 8 W
Dimensions (H x W x D)	
Camera with stand	2.85" x 3.60" x 5.17"

Compatibility

Any DMP system with an active Virtual Keypad™ App

All SecureCom Cameras and NVRs