

Product Summary

The Camera Model DCV200/DCV700/DCV600 is a wireless, indoor motion activated camera designed for use in VIDEOFIED™ security systems.

The camera includes the following features:

- > Lithium batteries for long life.
- > Wide angle lens.
- > Infrared LED for night illumination.
- > Standard motion coverage lens (12 m/40 ft. distance).
- > Dual tamper function provides detection for both wall and cover tamper.
- > Transmits check-in/status signal every 8 minutes.

Installation Guidelines

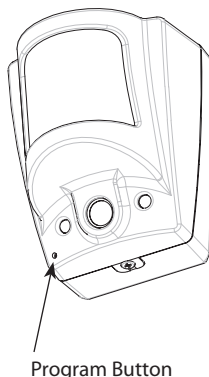
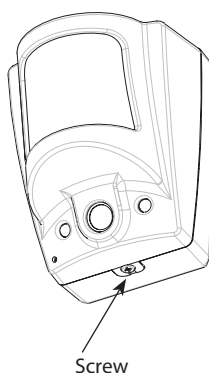
For easier installation, programming and RF testing should be done to check for good communication between the control panel and all system devices before mounting system devices. Install the detector and other system devices in the following order:

- > Programming/RF Testing - program detector and all other devices into the control panel and test RF communication from each intended device location to the control panel.
- > Mounting - mount detector at the tested location.

Programming/RF Testing

The following provides summarized steps for device programming and testing. For complete details, refer to the control panel installation manual.

- 1 Loosen bottom screw, separate base from camera and install batteries.
- 2 Re-attach base to secure tamper switch.
- 3 Put control panel into programming/configuration mode.
- 4 Using a programmed alphanumeric keypad, proceed through menus until the display shows ADD A NEW DEVICE.
- 5 Press YES. The display shows PRESS PROGRAM BUTTON OF DEVICE.
- 6 Press and release program button on camera using a paper clip end. The camera LED flashes. Wait for keypad display to show CAMERA (1 - 24) PROGRAMMED.
- 7 Press YES. The display shows RADIO RANGE TEST? Press YES again. The camera LED starts flashing and keypad display shows TEST IN PROGRESS.

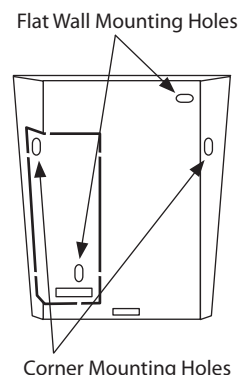


- 8 Take camera to its intended mounting location and make sure LED flashes continuously, indicating good communication with control panel.
- 9 Press YES to end radio range test, then press ESC/NO.
- 10 The display shows AREA ASSIGNMENT AREA: Press either arrow button repeatedly until desired AREA number appears, then press Yes.
- 11 The display shows NAME + LOCATION. Enter appropriate device name/location (up to 16 characters), then press YES. The display shows the device number and name for your verification.
- 12 Press YES. The display shows FUNCTIONAL DEVICE TEST? Press YES again and verify camera operation. For example, wave your hand in front of the camera to activate its LED indicating detection. (walk test LED)
- 13 Press YES to end detection verification.
- 14 The display shows ADD A NEW DEVICE? Repeat steps 1 – 14 for remaining cameras.
- 15 When finished, exit from configuration mode.

Mounting

- > Use proper tools and hardware.
- > Mount indoors in a temperature-controlled environment.
- > Mount camera 2.1 to 2.3 m (6.9 to 7.5 ft.) from the floor.
- > Mount detector on an outside wall, aimed at area to be secured.
- > Do not aim detector at windows, especially those that let in direct sunlight, or at heat sources such as lamps, fireplaces, radiators, and heating vents.
- > Do not aim detector at moving objects such as curtains, fans.

- 1 Separate base from camera.
- 2 Hold camera base against mounting surface and mark the two appropriate mounting holes.
- 3 Drill pilot holes and install anchors where needed.
- 4 Place base on mounting surface so mounting holes line up with pilot holes/anchors and secure base with appropriate screws.
- 5 Install batteries into camera, observing correct polarity.
- 6 Attach camera to base and secure with screw.



Regulatory Information

FCC Part 15

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- 1.) This device may not cause harmful interference and,
- 2.) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by RSI VIDEO TECHNOLOGIES can void the user's authority to operate the equipment

Specifications

Panel Compatibility	VIDEOFIED VISIO1000/V6000/V7000
Operating Frequency	868/915/920 MHz
Radio type	Spread Spectrum Bidirectional RF
Power Requirements	Three 3.6 V lithium batteries
Battery Type	LS14500
Motion detection	Lens: Fresnel Detection distance: 12 m/ 40 ft. Angle: 90° Detector type: Dual elements Weight threshold: 18 kg/40 lbs.
Camera sensor	CMOS black & white
Video resolution	320 x 240 pixels
Video sequence (in alarm)	5 frames/s for 10 seconds
Video sensitivity	0.2 lux
Lens	Wide-angle 85° (no IR treatment)
Night illumination type	Infrared (LED)
Night illumination distance	4.5 m/14 ft.
Operating Temperature	0°/+40°C (32°/104°F)
Maximum Relative Humidity	70%, non-condensing
Dimensions	89 mm x 70 mm x 70 mm (LxWxD): 3-1/2 in. x 2-3/4 in. x 2-3/4 in.
Weight	150 g/5.3 oz. (without batteries)
Approvals	CE / EN50131 / EN300220 / INCERT/ IDA / NCP (DCV200) UL / FCC (DCV600) A-Tick (DCV700)