

## Product Summary

The PIR Model ITR110/ITR600 is a wireless, indoor motion detector designed for use in VIDEOFIED™ security systems. The detector includes the following features:

- > Lithium batteries for long life.
- > Standard 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

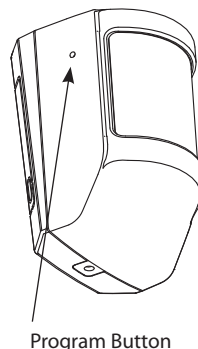
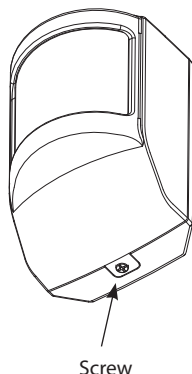
For easier installation, programming and RF testing should be done to check for good communication between the control panel and all system devices before mounting system devices. Install the detector and other system devices in the following order:

- > 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 detector and install battery.
- 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 RECORDING DEVICES.
- 5 Press YES. The display shows PRESS PROGRAM BUTTON OF DEVICE.
- 6 Press and release program button on detector using a paper clip end. The detector LED flashes. Wait for keypad display to show DETECTOR (1 - 24) RECORDED.
- 7 Press YES. The display shows RADIO RANGE TEST? Press YES again. The detector LED starts flashing and keypad display shows TEST IN PROGRESS.

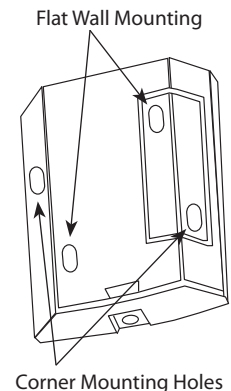


- 8 Take detector to its intended mounting location and make sure LED flashes continuously, indicating good communication with control panel.
- 9 Press YES to end radio range test, then press ESC/NO.
- 10 The display shows AREA ASSIGNMENT AREA:  
1. Press either arrow button repeatedly until desired 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 VERIFY DETECTION? Press YES again and verify detector operation. For example, wave your hand in front of detector to activate its LED indicating detection.
- 13 Press YES to end detection verification.
- 14 The display shows ADD A NEW DEVICE? Repeat steps 1 - 13 for remaining detectors.
- 15 When finished programming, put control panel into operating mode.

## Mounting

- > Use proper tools and hardware.
- > Mount indoors in a temperature-controlled environment.
- > Mount the detector 2.1 to 2.3 m (6.9 to 7.5 feet) from the floor.
- > Mount the detector on an outside wall, aimed at area to be protected.
- > 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, or animals in cages.

- 1 Separate base from detector.
- 2 Hold detector base against mounting surface and mark the two appropriate mounting holes.
- 3 Drill pilot holes and install anchors where needed.
- 4 Mount detector base to surface using appropriate screws
- 5 Install battery into detector, observing correct polarity.
- 6 Place unit on the mounting surface so mounting holes line up with pilot holes/anchors and secure the device with the appropriate screws.
- 7 Attach detector 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
Operating Frequency	868/915 MHz
Radio /type	Spread Spectrum Bidirectional RF
Power Requirements	One 3.6 V lithium battery
Battery Type	LS14500
Detection	Distance: 12 m/40 ft. Angle: 90°
Operating Temperature	0°/+40°C (32°/104°F)
Maximum Relative Humidity	70%, non-condensing
Dimensions (LxWxD)	75 mm x 55 mm x 55 mm 3 in. x 2 in. x 2 in.
Weight	82 g/3 oz. (without battery)
Approvals	CE / EN50131 (ITR110) FCC (ITR600)



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