

Description

The PIR model ITR is a wireless, indoor motion detector designed for use in Videofied™ security systems.

The detector is powered by one lithium battery that can last up to 4 years depending on the amount of detector activity.

The detector transmits a check-in signal every eight minutes that includes its unique identification code along with the current detection sensor state, tamper condition, serial number, date of manufacture, software revision, and battery status.

Features

- > Lithium battery for long life.
- > Standard coverage lens (12m/40 ft. distance)
- > Dual tamper function provides detection for both wall and cover tamper.
- > Transmits check-in/status signal every 8 minutes.



Electrical Data

Panel Compatibility	XL, Visio, XT, XTIP
Power requirements	One 3.6 V Lithium battery
Nominal Voltage	3.6v
Low battery limit	2.7v
Battery type	SAFT AA Lithium, LS14500
Battery life (estimated)	Up to 4 years

Current Consumption	
Standby (1h average)	35 uA
Max	70mA

RF technology	S ² View®
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Radio type	Spread Spectrum Bidirectional RF
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Operating frequency	686,915,920 MHz
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Transmission security	AES algorithm encryption
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Supervision	Panel polls devices every 8 minutes
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Antenna	Integrated
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Tamper detection	Wall and cover tampered
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Video sequence in intrusion	5 frames/s for 10 seconds
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Motion detector technology	Passive infrared DSP
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Motion detector type	Dual element
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Motion Lens	Fresnel
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Motion Detection angle	90°
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Motion Detection distance	Up to 26 ft / 8m
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Motion Detection pattern	24 facets
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Operating temperature	14° - 104° F (-10° - 40° C)
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Maximum relative humidity	75%, non-condensing
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Certifications

ITR110	CE, EN50131-Grade2, EN300220
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ITR601	FCC Part 15C
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Physical Data

Material	ABS-ULV0
Dimensions	(LxWxD): 2.95in x 2.16in x 2.16in (75 mm x 55 mm x 55 mm)
Weight	3 oz./82 g (without battery)

Installation/Mounting

Camera/Base	One screw secures camera to base; two screws secure camera base to mounting surface, flat or corner mount.
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Mounting Height	6.9-7.5 Feet (2.1-2.3 meters)
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FCC Regulatory Information for USA and CANADA

FCC Part 15.21 Changes or modifications made to this equipment not expressly approved by RSI VideoTechnologies may void the FCC authorization to operate this equipment.

FCC Part 15.105 Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radio frequency radiation exposure information according 2.1091 / 2.1093 / OET bulletin 65

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

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



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