

Product presentation

The IRT indoor relay transmitter is designed for use with Videofied™ wireless security systems.

The contact includes the following features :

- Completely wireless and powered by a Lithium battery
- Dual tamper function provides detection for both wall and cover tamper
- Transmits check-in/status signal every 8 minutes
- Programmable radio output for wired devices trigger

Programming/RF Testing/Mounting

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

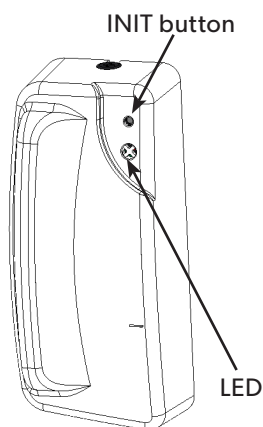
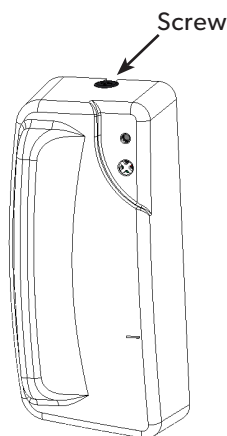
- 1 Loosen the screw, open the box and insert the batteries.
- 2 Close the box and tighten the screw.
- 3 Access to the panel configuration menu.
- 4 Proceed through menus until the display shows ADD A NEW DEVICE.
- 5 Press YES/OK. The display shows PRESS PROGRAM BUTTON OF DEVICE.
- 6 Using a paperclip, press and release the relay INIT button.

The contact LED flashes. Wait for the keypad to display TRANSMITTER (1-24) RECORDED.

- 7 Press YES/OK. The display shows RADIO RANGE TEST?

Press YES/OK again. The IRT LED starts flashing and keypad display shows TEST IN PROGRESS.

- 8 Take the transmitter to its intended mounting location and make sure that the LED flashes continuously, indicating good communication with the control panel.



Installation guidelines

For easier installation, programming and RF testing should be done to check proper 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 the relay and all other devices into the control panel and test RF communication from each intended device location to the control panel.
- > Mounting - Mount the relay at the tested location.

- 9 Press YES/OK to end the radio range test then press ESC NO.

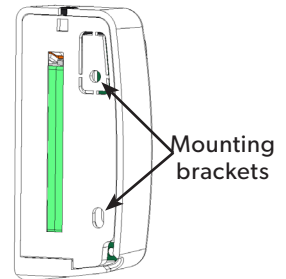
- 10 The display shows NAME + LOCATION:

Enter appropriate device name/location (up to 16 characters), then press YES/OK. The display shows the device number and name for confirmation.

- 11 The display shows ENTERING A NEW DEVICE?

Repeat steps 1 - 14 for remaining devices.

- 1 Remove the base from the contact.
- 2 Hold the base against the wall and mark the mounting points.
- 3 Drill.
- 4 Mount the base on the wall.
- 5 Connect 2 AWG22 wires from the devices to trigger (sirens, flashes, cameras, smoke generators, garage doors, etc.) to the input terminals.
- 6 Mount the IRT on its base and lock with the screw.



Security notes / (FR) Notes de sécurité / (DE) Hinweise zur Sicherheit**English**

- Remove the batteries before any maintenance !
- **WARNING**, there is a risk of explosion if a battery is replaced by an improper model !
- Observe polarity when setting up the batteries!
- Do not litter the batteries when they are used! Dispose of them properly according to Lithium Metal requirements

Français

- Retirez les piles avant toute opération de maintenance !
- **Attention !** Il ya un risque d'explosion si la batterie utilisée est remplacée par un mauvais modèle !
- Respectez la polarité lors de la mise en place des piles !
- Ne jetez pas les batteries usagées ! Ramenez-les à votre installateur ou à un point de collecte spécialisé.

Deutsch

- Batterien vor jeglichen Wartungsarbeiten entfernen!
- **Vorsicht**, es besteht Explosionsgefahr, wenn eine Batterie durch eine falschen Modells ersetzt wird!
- Achten Sie beim Einsetzen der Batterien auf die Polung!
- Entsorgen Sie Batterien nicht im normalen Haushaltsmüll! Bringen Sie Ihre verbrauchten Batterien zu den öffentlichen Sammelstellen.

FCC Regulatory Information for USA and CANADA

FCC Part 15.21 Changes or modifications made to this equipment not expressly approved by RSI Video Technologies 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.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

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 Industry Canada licence-exempt RSS standard(s)

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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- 1 L'appareil ne doit pas produire de brouillage, et
- 2 L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ELECTRICAL PROPERTIES

Panel compatibility	W panels
Battery	Type C - CR123A - Lithium battery
Nominal voltage	3 V
Low battery limit	2.8 V
Estimated battery life	Up to 3 years
Current consumption	
Standby (1h average)	45 µA
Max	35 mA
Trigger properties	Open-collector

RADIO PROPERTIES

RF S2View® technology	
Radio type	Spread spectrum RF bidirectional
Operating frequency	<ul style="list-style-type: none"> • 868MHz - IRT200 (Europe, Africa, Asia) • 915MHz - IRT601 (Americas) • 920MHz - IRT702 (Australia, Chile, Peru, Paraguay)
Transmission security	AES algorithm encryption
Supervision	Radio, batteries, tamper
Radio antenna	Integrated
Tamper	
Tamper detection	Cover and wall tamper

BOX

Physical properties	
Material	ABS UL94-V0
Dimensions	79.3 mm x 35 mm x 24.6 mm
Weight	32 g (without battery)
Environmental properties	
Operating temperature	-10°/+55°C
Max relative humidity	75%, without condensing
Installation / Mounting	
Wall mounting	2 screws
Box sealing	1 screw

STANDARDS AND CERTIFICATIONS


868MHz (IRT 200)

Compliant with the annex IV of the R&TTE Directive 1999/5/EC


915MHz (IRT 601)

USA FCC

Part 15C

Canada IC

RSS-247 Issue 1


920MHz (IRT 702)

Australia RCM

AS/NZS4268



This symbol on the product or on its packaging indicates that this product should not be treated as household waste. It must be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health. The recycling of materials will help to conserve natural resources. For more information about recycling of this product, please contact your local municipality, your waste disposal service or the company that installed the product.

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The EC declaration of conformity of this product is available by flashing that QR code :

