



# INDOOR RELAY TRANSMITTER IRT200 IRT601 IRT702

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- Wireless programmable output
- Compatible with all models of smoke generators, sirens, strobes, garage doors, etc.
- Dual tamper
- Lithium powered 4 years battery life



The IRT Input Relay Transmitter is a battery operated, wireless, radio controlled dry contact designed for use in Videofied® security systems.

The relay transmitter is intended for use in triggering wired devices when a specific event is occuring on the control panel.

The IRT consist of a dry contact with S2View<sup>®</sup> spread spectrum, Videofied, interactive, encrypted wireless circuitry for secure two-way communications with the control panel.

A dual tamper function provides detection for both wall and cover tamper.

The transmitter must be installed with a wired device to be triggered when a programmed event is occurring on the control panel.

For example triggering a smoke generator upon intrusion or opening a garage door when the system is disarmed.

The IRT can generate a a normally-closed or normally-open remote switch. It is powered by one lithium battery that can last up to four years, depending on the amount of activity.

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



#### **Features**

- > S2View® Spread Spectrum, Videofied, Interactive, AES Encrypted Wireless technology provides optimum signal integrity and security.
- > Supervised transmits a check-in/status signal every 8 minutes indicating open/closed state, tamper conditions, serial number, date of manufacture, software revision and battery status.
- > Dual tamper provides detection for both wall and cover tamper.
- > External output provides a normally-closed (NC) or normally-open (NO) dry (no power) contact.
- > Lithium battery up to four years battery life.







1 screw

AS/NZS4268



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## **ELECTRICAL PROPERTIES**

Panel compatibility	W, X and VISIO panels
Battery	Type C - CR123A - Lithium battery
Nominal voltage	3 V
Low battery limit	2.8 V
Estimated battery life	Up to 3 years
<b>Current consumption</b>	
Standby (1h average)	45 µA
Max	35 mA (with alarm and communication)

## RADIO PROPERTIES

**Trigger properties** 

RF S2View <sup>®</sup> technology		
Radio type	Spread spectrum RF bidirectional	
Operating frequency	<ul> <li>868MHz - IRT200 (Europe, Africa, Asia)</li> <li>915MHz - IRT601 (Americas)</li> <li>920MHz - IRT702 (Australia, Chile, Peru, Paraguay)</li> </ul>	
Transmission security	AES algorithm encryption	
Supervision	Radio, batteries, tamper	
Radio antenna	Integrated	
Tamper		
Tamper detection	Cover and wall tamper	

#### BOX

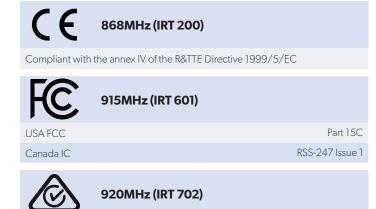
Box sealing

Australia RCM

Open-collector

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

## STANDARDS AND CERTIFICATIONS



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