



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

Description

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 triggering wired devices when a specific event is occurring on the control panel.

The IRT consist of a dry contact with S2View® 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 is as a **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 relay transmits a check-in signal every eight minutes that includes its unique identification code along with the tamper status, 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 tamper status, serial number, date of manufacture, software revision and battery status.
- > Dual tamper - provides detection for both wall and cover tamper.
- > Programmable radio output - provides a normally-open (NO) dry (no power) contact.
- > Lithium battery - up to four years battery life.

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

CE 868MHz (IRT 200)

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

FCC 915MHz (IRT 601)

USA FCC Part 15C

Canada IC RSS-247 Issue 1

RCM 920MHz (IRT 702)

Australia RCM AS/NZS4268

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