

# SA-25

## Wire to RF Transmitter



No need to throw away wired intrusion sensors when upgrading to Rosslare's Wireless Intrusion system. The SA-25 provides two channels for connection to wired sensors, giving them a wireless functionality and the ability to be monitored by a Rosslare wireless receiver or control panel. The SA-25 also acts as a door/window sensor, with an integrated magnetic switch, making this unit even more versatile for the growing system. The wireless device is available in the following frequency: G:433.92 MHz or H:868.35 MHz.

### GENERAL DESCRIPTION

Upgrading systems doesn't have to mean throwing away the old. Rosslare's wireless intrusion systems allow high security without the need for invasive installation. The SA-25 Wired-to-RF Transmitter provides the means to connect wired sensors to the Rosslare wireless intrusion system.

In its aesthetic housing, the unit also contains an additional magnetic switch internally, allowing it to operate as a door/window sensor.

The full-featured sensor/transmitter is delivered with a programming/configuration package that provides the tools for installers to quickly test and configure the unit for any situation. The unit can also be programmed locally via internal buttons and LED status.

SA-25 Wired-to-RF Transmitter has room for a 3 vdc replaceable battery and terminal connections for a backup power supply input.

### MAIN FEATURES

- Three channels programmable as three independent zone ID's or as a single zone ID (2 wired, 1 local magnetic contact)

- Programmable enable/disable of local magnetic contact sensor
- Ultra low-power nanowatt microcontroller design with real-time monitoring software, including non-volatile settings
- Two universal, programmable N.O and N.C inputs
- Selectable cover and wall tamper detection

### PROFESSIONAL GRADE FEATURES

- One LED used for programming and operation
- Compatible with the full range of Rosslare's wireless receivers and panels
- 1300 mAh battery-powered
- Programmable locally or by PC software utility (RS232)
- Full supervised, every 20 minutes, with low battery detection and reporting to Rosslare's RF control panels

# SPECIFICATIONS

## TECHNICAL SPECIFICATIONS

Primary Power Supply	3-volt Lithium 1300 mAh, Model CR123A
Current Consumption	Standby – 17 uA ; Transmit – 14 mA

## OPERATIONAL SPECIFICATIONS

Channel 1	Wired input has two terminal blocks; CH1 is programmable Normally Open (N.O.), Normally Closed (N.C.), or End of Line Resistor.
Channel 2	Wired input has two terminal blocks; CH2 is programmable Normally Open (N.O.) or Normally Closed (N.C.).
Channel 3	Built-in magnetic contact sensor. CH3 is programmable Normally Closed (N.C.); can be disabled when not in use.

## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range	0°C to 60°C (32°F to 140°F)
Operating Humidity Range	0 to 95% (non-condensing) (max.)

## PHYSICAL SPECIFICATIONS

Dimensions (L x W x H)	90 x 50 x 29 mm (3.5 x 2.0 x 1.1 in.)
Weight	63 g (2.2 oz)

## SYSTEM COMPATIBILITY

The SA-25 Wired-to-RF Transmitter is compatible with Rosslare's HomeLogix™ wireless control panel or receiver unit. It can receive the signal from any contact switch wired sensor device.

## PRODUCT WARRANTY

2-Year Limited Product Warranty

## ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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