

WIRELESS ALARM TECHNOLOGY

With diversity reception and advanced signal processing, the Class VI EchoStream technology is designed to minimise “nulls” or dead spots in transmission areas. Case tamper, jam detection, and internal antennae results in secure wireless implementation.

CASTLE RADIO-ZONE EXPANDER

The Castle Radio-Zone expander (EUR-037R) will accept signals from 7 (in EoL mode) or 29 (in iD mode) Class VI wireless detectors or repeaters, depending on its mode of operation. Each detector may be fully supervised, and there is provision for low battery warning. Assigning wireless detectors to individual zones is simplicity itself, and signal strength is displayed for each detector.



RELAY MODULE

By combining the relay module with the radio ZEM (RAD-KIT), a complete radio stand-alone solution is possible that can be wired to any alarm panel. With the ZEM in ‘Autonomous Mode 0’ up to 7 wireless detectors can be assigned (with individual tampers), and in ‘Autonomous Mode 1’ it will accept up to 13 wireless detectors (with one global tamper).



COMPATIBILITY ACROSS THE RANGE

EURO-10 ID	EURO-12 EoL	EURO-22 EoL	EURO-28 ID	EURO-44 EoL	EURO-44 ID	EURO-134 EoL	EURO-134 ID	EURO-256 EoL	EURO-256 ID
1 x Autonomous	1 x Autonomous	1 x EoL	1 x Autonomous	4 x EoL	1 x Autonomous	10 x EoL	3 x iD	3 x iD 7 x EoL	7 x EoL

Note: When used in Autonomous mode, the maximum number of ZEMs feasible is dependant on how many hard wired zones the panel can accept

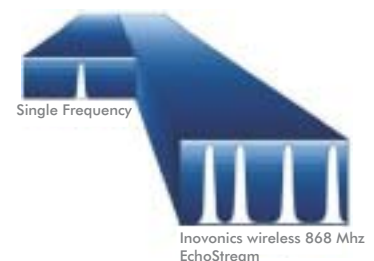
WHY INSTALL WIRELESS?

No False Alarms from Interference

Inovonics Wireless sophisticated 56-bit protocol eliminates false alarms due to radio interference. With over 1.3 million products installed worldwide, not a single false alarm due to RF interference has ever been reported.

Virtually all other 868 MHz systems send information on one narrow-band channel (0.1 MHz wide). This is broadcast at only 10mW of power, and any in-band interference can result in missed signals.

Inovonics wireless 868 MHz Echostream technology sends redundant information with **25mW of power** on a number of different channels across a 10MHz band to **maximize range and reliability**.



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EE5000 REPEATER

This sophisticated line-powered 868MHz repeater receives, decodes and re-transmits signals from our Wireless Multiple Frequency series transmitters. The EE5000 acts as a range expander for any EchoStream transmission it hears. It includes an on board state-of-the-art lithium-ion battery and can be placed in an outdoor waterproof enclosure. Open Field Range = 1 km



UNIVERSAL TRANSMITTERS

Make nearly any NO/NC sensor wireless. Based on the EchoStream technology, they have superior range and reliability. Can be used with door contacts, shock sensors, hold-up buttons, pressure mats, temperature sensors and a wealth of other applications.



ES 1242 SMOKE DETECTOR

The ES1242 residential grade smoke detector features CleanMe™ technology which monitors its own sensitivity and operational status. If the detector drifts out of desired sensitivity range or fails its internal diagnostics the LED will go out and will send a "CleanMe" fault to the receiver.



ES SERIES TRANSMITTERS

ES1260: High traffic area PIR for extended battery life

ES1262: Pet Immune PIR that includes optional wall tamper and screw enclosures

ES1265: 360 degree PIR for covering large open spaces



PENDANTS

Worn on a necklace, belt clip, wrist band, or mounted in a fixed location, these pendants can be adapted to a wide range of installations. Water resistant models are also available.

