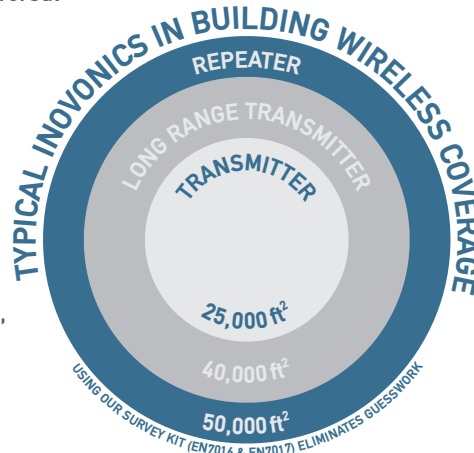# Inovonics Wireless Solutions

Inovonics' line of EchoStream® wireless intrusion detection devices and mobile duress (panic) buttons are designed with today's applications in mind. Supporting installations with thousands of security devices across a campus, the EchoStream family of pendant transmitters, universal transmitters, motion detectors and add-on receivers can connect to virtually any security system.

Unique to Inovonics is the high power repeater mesh that intelligently amplifies transmissions from EchoStream transmitters. Providing coverage in all types of building construction, thus eliminating the need for labor associated with wired installs. EchoStream provides the flexibility to cover small, medium and large commercial buildings as well as complete campuses.

TYPICAL INOVONICS IN BUILDING WIRELESS COVERAGE

REPEATER
LONG RANGE TRANSMITTER
TRANSMITTER
25,000 ft²
40,000 ft²
50,000 ft²
USING OUR SURVEY KIT (EN7016 & EN7017) ELIMINATES GUESSWORK

ENKIT-SDI2

- UL and CSFM listed
- Includes B820 direct connection interface board and EN4200 receiver
  - The B820 mounts inside the EN4200 housing, no separate enclosure required
- May be installed up to 1000 feet from panel for optimal reception
- Capacity to store up to eight repeater ID's
  - For systems with more than 8 repeaters, use the ENKIT-01 on the ZONEX bus
- Compatible with control panels employing the Bosch SDI2 communications device bus including all versions of the D9412GV4, D7412GV4 and D7212GV4, as well as the B3512, B4512, B5512, B6512, B8512G and B9512G

ENKIT-01 (GV3 and Older Systems)

- Internal interface keypad with diagnostic functions
- Compatible with G series panels
  - D9412GV3, D9412GV2 and D9412 v6.30 or higher
  - D7412GV3, D7412GV2 and D7412 v6.30 or higher
  - D7212GV3, D7212GV2 and D7212 v6.41 or higher

Panel Interface Options

BOSCH® - EN4200		
D7212G - 32 pts.	B4512 - 20 pts.	B5512 - 40 pts.
B3512 - 8 pts.	B8512G - 91 pts.	
B6512 - 88 pts.	B9512G - 350 pts.	

Security System Configuration

Security Panel

Add On or Serial Receiver

Repeater Network*

Wireless Transmitters

●—●	= Wired Connection
((●o	= Wireless Connection

Water Resistant Pendant Transmitters

Compact single or double button pendant that can be supervised. LED flashes when transmitting. Ideal for healthcare applications.

Single Button EN1223S

Double Button EN1223D

Necklace Pendant Transmitters

Sleek single or double button pendant that can be supervised. LED flashes when transmitting. Easy to wear with included necklace.

Single Button EN1233S

Double Button EN1233D

Belt Clip Pendant Transmitters

Sleek single or double button pendant that can be supervised. LED flashes when transmitting. Durable belt clip included..

Single Button EN1235S

Double Button EN1235D

Fixed Position Hold Up Pendant Transmitters

Fixed position transmitters include mounting hardware for easy installation and back tamper for removal alarms

Single Button EN1235SF

Double Button EN1235DF

Four Condition Pendant Transmitters

Multiple condition pendants require the use of a multi-condition receiver and application designed to support advanced functionality

Four Condition EN1224

Four Condition On/Off EN1224-ON

Multi Condition Pendant Transmitters

Multiple condition pendants require the use of a multi-condition receiver and application designed to support advanced functionality.

Three Condition EN1236D

Two Condition EN1238D

Universal Transmitters

Universal transmitters can be used with any standard N/O or N/C sensor and include a case tamper switch.

Universal Transmitter EN1210

With EOL Resistor EN1210EOL

Door/Window Transmitte with Reed Switch EN1210W

Universal Transmitters with Wall Tamper

Wall tamper switch adds protection from device removal.

Universal Transmitter with Wall Tamper EN1215EOL

With Reed Switch and Magnet EN1215WEOL

Dual Input Universal Transmitter

Dual input universal transmitters can be used with any standard N/O or N/C sensor and include an additional N/C input.

Dual Input Universal Transmitter EN1212

With Wall Tamper EN1216

Long Range EN1252

Smoke Detector

The EN1244 features an onboard sounder, an LED indicator, tamper, EchoStream® network supervision, and local test capability.

Wireless CO Detector

The EN1245 features an onboard sounder, a CO sensor, LED indicators and local test capability to allow the user total visibility of its functionality.

Billtrap Transmitter

The EN1249 provides the flexibility for use in cash drawers for use in any financial or retail environment. Features case and back tamper, Smart Baiting with LED confirmation, and two or ten second delay transmission modes.

Glassbreak Detector

The EN1247 uses acoustic pattern recognition technology for proven performance, extended range, and increased immunity to false alarms. 20ft radius allows for multiple window coverage.

Glassbreak Detector

The EN1248 glassbreak detector is a wireless omin-directional glassbreak detector, providing detection coverage of 180°.

This is a direct replacemnt of the EN1247.

Wall Mount Motion Detector

The EN1260 features digital signal processing that recognizes human signatures to reduce false alarms.

Curtain Lens Kit ACC672CT

Long Range Lens Kit (99ft) ACC672LR

Pet Alley Lens Kit ACC672PA

360° Ceiling Mount Motion Detector

The EN1265 four element motion detector offers a 360° coverage pattern, case tamper switch, and up to an 18ft mounting height with the included lens.

High Ceiling Lens (25ft) ACC669

360° Ceiling Mount Motion Detector

The EN1266 360° ceiling mount motion detector is a four element passive infrared intrusion detector for use in electonic seciurity systems in ceiling mount applications.

This is a direct replacement for the EN1265.

Motion Detector with Pet Immunity

The EN1262 is designed for low traffic applications and features pet immunity to reduce false alarms from animals. Includes a case tamper switch and optional wall tamper.

Wall Mount Motion Detector with Pet Immunity

The EN1263 motion detector with pet immunity is an advanced, fully supervised low-current wireless motion detector with the most advanced optics detection method for reliable system operation.

This is a direct replacement for the EN1260/EN1262.

Water Detector

The EN1751 water detector provides early warning against damage caused by leaking appliances and standing water when used with the Honeywell® FP280 or Flair Electronics® 1010-H2OS36-EN1751

Probes sold separately.

Temperature Detector

The EN1752 temperature detector enables programmable temperature threshold alarming for ambient temperatures and external monitoring when used with the Honeywell® T280R temperature probe.

Probe sold separately.

Serial Receivers - Direct to Panel Integration

Serial receivers integrate directly to partner panels used in commercial access control/intrusion. These integrations leverage programming and wiring familiarity to expedite inclusion, or expansion, of wireless end points.

Panel integration list on front

Staff Badge with RFID

The ADVL2291 staff badge with RFID allows you to accurately locate employees in near real time for alarm response and other critical needs.

Staff Badge

The ADVL1290 staff badge allows you to accurately locate employees in near real time for alarm response and other critical needs.

Asset Tag

The ADVL1280 tasset tag allows you to accurately locate essential equipment in near real time to improve efficiency and support loss prevention measures.

High Power Repeater

The high power repeater amplifies transmissions from any transmitter.

High Power Repeater with Transformer EN5040-T

Without Transformer EN5040

Weatherproof Enclosure ACC650

IP Gateway (requires an IP gateway license)

The EN4080 IP gateway combines EN4000 receiver and third party IP gateway functionality into a single product.

LICBACNET
Enables output EchoStream messages into BACnet/IP systems

LICMQTT
Enables output EchoStream messages into MQTT- based Amazon Web Services applications

Add-On Receivers

Add-on receivers cost effectively add EchoStream wireless transmitters to any installation. Includes form C relays with dedicated alarm and fault output. The EN4216MR and EN4232MR are UL listed, support multi-condition transmitters, and include event logging.

Receiver	Transmitters	Outputs
EN4204R	4	4 Alarm / 1 Fault
EN4216MR	16	5 Alarm / 1 Fault
EN4232MR	32	11 Alarm / 1 Fault

* EN1224-ON compatible with ENKIT-01 and ENKIT-SDI2 systems for on/off button functions only.

The range and performance of any wireless product depends on the structure and environment in which it operates.
Continual enhancements to our products may cause specifications to change without notice. Visit our website for UL information.