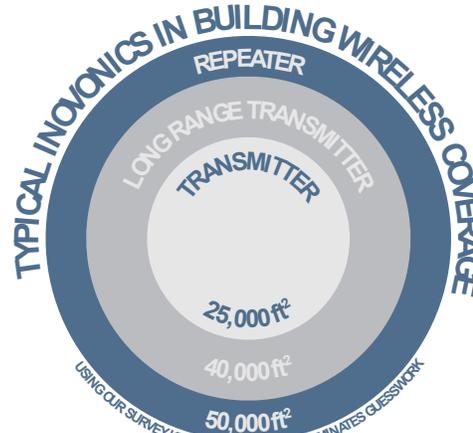


Inovonics Wireless Solutions

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.



Security System Configuration



Security Panel



Panel Interface / Receiver



Repeater Network*



Wireless Transmitters



PANEL INTERFACE OPTIONS

JOHNSON CONTROLS Interface - EN7290*

TYCMSM128 - 127 pts.	TYCMSM250/TYC250F - 249 pts.
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JOHNSON CONTROLS panel supports multiple condition devices (EN1212, EN1216, EN1224, EN1224-ON, EN1236D, EN1238D)

HONEYWELL Interface - EN7290*

VISTA-128 - 127 pts.	VISTA-250 - 249 pts.
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HONEYWELL panel supports multiple condition devices (EN1212, EN1216, EN1224, EN1224-ON, EN1236D, EN1238D)

BOSCH® Interface - EN4200

BOSCH D7212G 32 pts.	BOSCH D7412G 67 pts.	BOSCH D9412G 238* pts.
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Requires ENKIT-01 (GV3) or ENKIT-SDI2 (GV4) - available from BOSCH. The ENKIT-01 and ENKIT-SDI2 include both EN4200 and interface module. May require multiple interface modules.

Other Commercial Panels - Add On Receivers

Connect almost any panel or I/O device through the receivers form C relay outputs.

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

EN4232MR and EN4216MR includes support for multiple condition devices.

* Serial interface supports multi-condition pendants.

**User assigned fault outputs

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 Transmitter 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**



Mobile Duress Card, Three-Condition

The **EN2242** is a discreet mobile duress transmitter that can activate up to three unique alarm conditions.



Wireless CO Detector

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



Smoke Detector

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



Glassbreak Detector

The **EN1248** glass break detector is a wireless omnidirectional glass break detector, providing detection coverage of 180°



360° Ceiling Mount Motion Detector

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



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.



High Traffic Motion Detector

The **EN1262HT** high traffic motion detector uses an intelligent sleep timer and low current technology. It features a pet immune PIR detection element, and wall and housing tamper switches.



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.



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.



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.



High Power Repeater

The high power repeater amplifies transmissions from any transmitter.

High Power Repeater with Transformer **EN5040-T**

Without Transformer **EN5040**



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



Security Gateway

The **EN7295** security gateway receives EchoStream messages from pendants, locators and repeaters, filtering out unregistered transmitter IDs before sending data to the security cloud.



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.



Survey Kit & App

The **EN7017** survey kit and app reduces bid risk, decreases installation time, and builds credibility with clients. Quickly prepare accurate quotes for even the most complex jobs.

Mobile app available on Android and iOS devices.



Billtrap Transmitter

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



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.