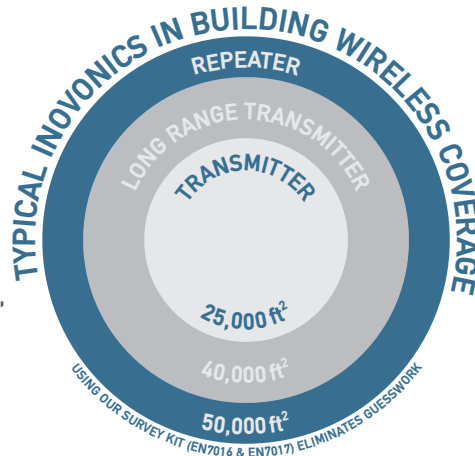


Inovonics Wireless Solutions

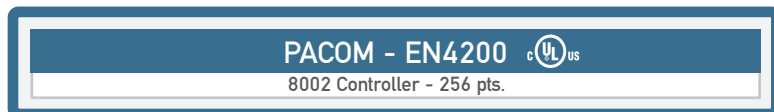
Inovonics' line of EchoStream® wireless intrusion detection devices and mobile duress (panic) buttons are designed with today's applications in mind. Supporting installations with thousands of security devices across a campus, the EchoStream family of pendant transmitters, universal transmitters, motion 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.

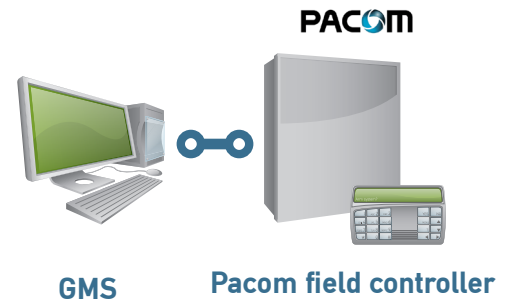


Features

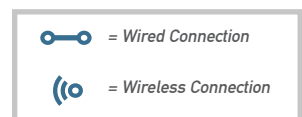
- Wireless integration and alarm management
- RS232 communication with Pacom field controllers
- RF signal strength diagnostics
- Remote arming and disarming with transmitters
- Flexible supervision prevents false alarms if pendant is taken off site
- Support for up to 256 transmitters per field controller
- Can be seamlessly integrated with existing Pacom field controllers
- Transmitters and repeaters can be programmed via Pacom keypad or GMS software
- View transmitter and repeater status on keypad
- Auto-detection of EN4200 receivers
- Intelligent redundancy ensures that critical alarms from a transmitter can be received by multiple EN4200 receivers at a site but only reported once to the GMS



Security System Configuration



Wireless Transmitters



Water Resistant Pendant Transmitters

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

Single Button **EN12335**

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 **EN12335**

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 **EN12355**

Double Button **EN1235D**



Fixed Position Hold Up Pendant Transmitters

Fixed position transmitters include mounting hardware for easy installation and back tamper for clip included.

Single Button **EN12355F**

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**



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 omnidirectional glassbreak detector, providing detection coverage of 180°.

This is a direct replacement 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 electronic security 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** asset 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



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.