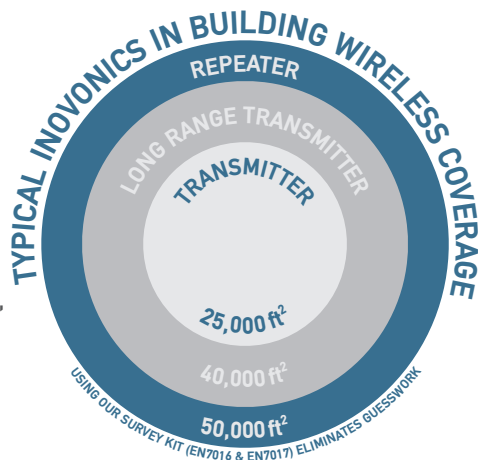


### Inovonics Wireless Solutions

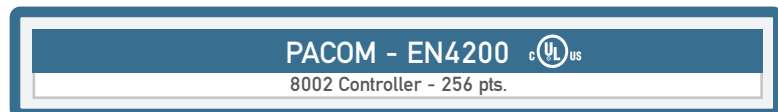
Inovonics' line of EchoStream® wireless intrusion detection devices and mobile duress (panic) buttons are designed with today's applications in mind. Supporting installations with thousands of security devices across a campus, the EchoStream family of pendant transmitters, universal transmitters, motion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

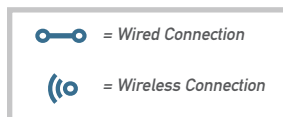
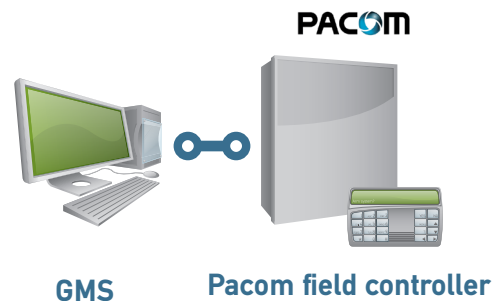


### Features

- 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



**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** 

Wristband **ACC623**



**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**



**Smoke Detector**

The **EN1244** features an onboard sounder, an LED indicator, tamper, EchoStream<sup>®</sup> 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.



**Water Detector**

The **EN1751** water detector provides early warning against damage caused by leaking appliances and standing water when used with the Honeywell<sup>®</sup> FP280 or Flair Electronics<sup>®</sup> 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<sup>®</sup> T280R temperature probe.


*Probe sold separately.*



**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**

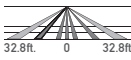


**360° Ceiling Mount Motion Detector Coverage**

Top View



Side View



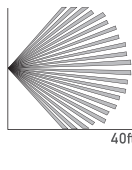
**Motion Detector with Pet Immunity**

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.

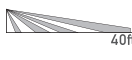


**Motion Detector with Pet Immunity Coverage**

Top View



Side View



**High Traffic Four Element Motion Detector**

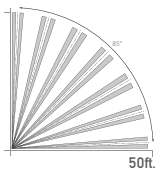
The **EN1261HT** is developed specifically for high-traffic environments delivering approximately four years of battery life. Includes case and back tamper, and features pet immunity up to 33lbs/lft

Long Range Lens (60ft) **ACC668**




**High Traffic Four Element Motion Detector Coverage**

Top View



Side View



**Wall Mount Motion Detector**

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

Curtain Lens Kit **ACC672CT**

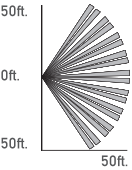
Long Range Lens Kit (99ft) **ACC672LR**

Pet Alley Lens Kit **ACC672PA**




**Wall Mount Motion Detector Coverage**

Top View




Side View



**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
<b>EN4204R</b>	4	4 Alarm / 1 Fault
<b>EN4216MR</b>	16	5 Alarm / 1 Fault
<b>EN4232MR</b>	32	11 Alarm / 1 Fault



**Security 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**

Weatherproof Enclosure **ACC650**



**Survey Receiver**

The **EN4016SK** survey receiver is a portable and easy to use tool for determining the optimal location for transmitters and repeaters. Reduce bid risk, decrease installation time, and build credibility with clients.




**Survey Transmitters**

Survey transmitters are used with the EN4016SK survey receiver to help determine optimal location for transmitters and repeaters.

Survey Universal **EN1210SK**

Survey Pendant **EN1223SK**



**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.



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.