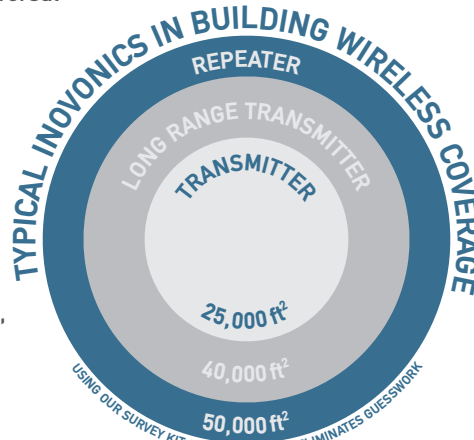


Inovonics Wireless Solutions

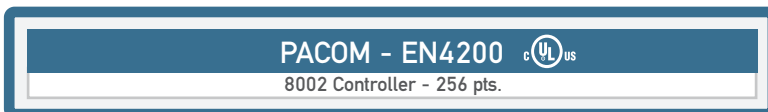
Inovonics' line of EchoStream® wireless intrusion detection devices and mobile duress (panic) buttons are designed with today's applications in mind. Supporting installations with thousands of security devices across a campus, the EchoStream family of pendant transmitters, universal transmitters, motion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



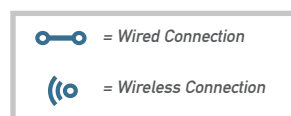
Panel Interface / Receiver



Repeater Network*



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 **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® network supervision, and local test capability.




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® FP280 probe.


Probe 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.

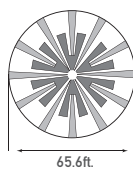



360° Ceiling Mount Motion Detector

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 

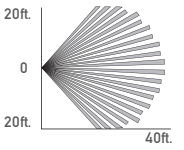
Side View 


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 

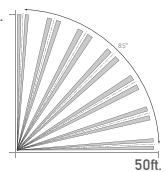
Side View 


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/1ft.

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

High Traffic Four Element Motion Detector Coverage

Top View 


Side View 

Wall Mount Motion Detector

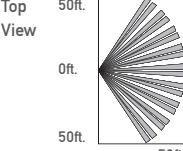
The **EN1260** features digital signal processing that recognizes human signatures to reduce false alarms.


Curtain Lens Kit **ACC672CT**

Long Range Lens Kit (99ft) 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
EN4204R	4	4 Alarm / 1 Fault
EN4216MR	16	5 Alarm / 1 Fault
EN4232MR	32	11 Alarm / 1 Fault



Security Only Serial Receiver

The **EN4200** provides the direct connection to the Pacom field controller through a serial connection.

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** 

Wireless Survey Kit



The **EN7016** wireless survey kit is a portable and easy to use tool for determining the optimal location for transmitters and repeaters. The wireless survey kit reduces bid risk, decreases installation time, and builds credibility with clients.

Includes both **EN1223SK** and **EN1210SK** survey transmitters 

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.

GET IT ON  **Google Play** Download on the  **App Store** 