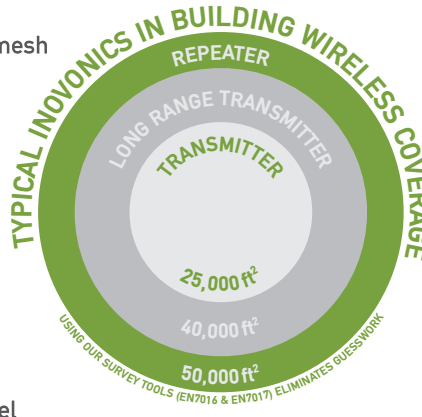## Inovonics Wireless Solutions

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 ft$^2$
40,000 ft$^2$
50,000 ft$^2$
USING OUR SURVEY TOOLS (EN7016 & EN7017) ELIMINATES GUESSWORK

## Security Panel Partners

Inovonics offers direct integration to various panel partners along with add-on receivers that integrate with nearly any security system.

## Direct to Panel Integrations

### HONEYWELL - EN7290 [1]  c(UL)us

| | |
|---|---|
| VISTA-128 - 127 pts. | VISTA-250 - 249 pts. |

### BOSCH® - EN4200 [3]

| | | |
|---|---|---|
| BOSCH D7212G - 32 pts. | BOSCH D7412G - 67 pts. | BOSCH D9412G - 238* pts. |
| BOSCH B3512 - 8 pts. | BOSCH B4512 - 20 pts. | BOSCH B5512 - 40 pts. |
| BOSCH B6512 - 88 pts. | BOSCH B8512G - 91 pts. | BOSCH B9512G - 350 pts. |

### DMP - EN7472DMP

| | |
|---|---|
| XR500 - 200 pts. | XR200 - 200 pts. |

### INTERLOGIX - EN4200 [3]  c(UL)us

| |
|---|
| Verex Monitor XL - 32 pts. |

### INTERLOGIX - EN7286NX

| | | | |
|---|---|---|---|
| NetworX NX-8 - 48 pts. | NetworX NX-8E - 192 pts. | NetworX NX-6 - 16 pts. | NetworX NX-4 - 8 pts. |

### PACOM - EN4200 [3]  c(UL)us

| |
|---|
| 8002 Controller - 256 pts. |

### SONITROL - EN4200 [3]  c(UL)us

| | |
|---|---|
| iBase - 64 pts. | FlexiBase - 64 pts. |

### TYCO - EN7290 [1]  c(UL)us

| | |
|---|---|
| TYCMSM128 - 127 pts. | TYCMSM250FB - 249 pts. |

### 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 c(UL)us | 4 | 4 | 1 |
| EN4216MR c(UL)us | 16 | 5 | 1 [2] |
| EN4232MR c(UL)us | 32 | 11 | 1 [2] |

(1) Serial interface supports multi-condition pendants   (2) User assigned fault outputs
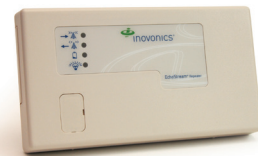(3) EN4200 purchase required through system integration partners

## Security System Configuration

Arm system?

**Security Panel**

**Add On or Serial Receiver**

inovonics

**Repeater Network**

**Wireless Transmitters**

|  |  |
|---|---|
| o—o | = 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**

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.*

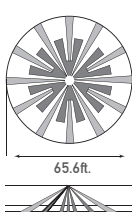## 360° Ceiling Mount Motion Detector

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

65.6ft.

Side View
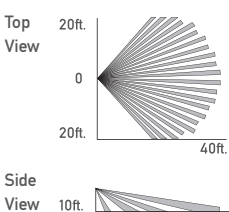
32.8ft.    0    32.8ft.

## 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

20ft.

0

20ft.

40ft.

Side View

10ft.

40ft.

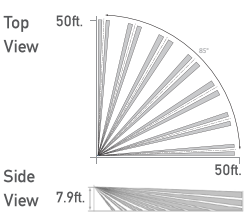## High Traffic Four Element Motion Detector

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

50ft.

85°

50ft.

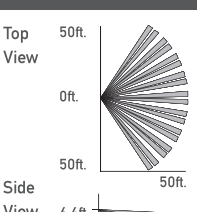Side View

7.9ft.

50ft.

## 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

50ft.

0ft.

50ft.

50ft.

Side View

6.4ft.

50ft.

## 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 |

## 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**

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 sa 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 Andriod and iOs devices.

GET IT ON **Google Play**

Download on the **App Store**

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 at *www.inovonics.com/support/regulatory-compliance* for UL information.

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