

# Wireless for Commercial Security

For commercial buildings and campus-based coverage, Inovonics wireless intrusion detection devices, panic alarms and scalable network integrates easily into access control, intrusion and video management systems.



# Simple and Flexible Integration

Through a variety of RF gateways, Inovonics wireless devices can be added to virtually any intrusion, access or video management system (VMS).

## Integrating Devices Panel Partners - Inovonics Products

### Serial Receivers

Serial receivers use a predefined and matched serial data stream as input to Intrusion, Access or VMS's.



EN4200: Refer to Panel Partners for product details.

### Add-On Receivers

Add-on receivers use hardwired form C relays as inputs to Intrusion, Access or VMS's.



EN4232MR, EN4216MR, EN4204R

HONEYWELL® - EN7290 <sup>(1)</sup> US			
VISTA - 128 - 127 pts.		VISTA - 250 - 249 pts.	
BOSCH - EN4200 <sup>(3)</sup>			
BOSCH D7212G - 32 pts.	BOSCH B4512 - 20 pts.	BOSCH B5512 - 40 pts.	
BOSCH B3512 - 8 pts.	BOSCH B8512G - 91 pts.		
BOSCH B6512 - 88 pts.	BOSCH B9512G - 350 pts.		
CHUBB EDWARDS - EN4200 <sup>(1)</sup> US			
AFx - 32 pts.			
ICT - EN4200 <sup>(3)</sup>			
Protege WX - up to 255 pts.		Protege GX - up to 255 pts.	
INTERLOGIX - EN4200 <sup>(3)</sup> US			
Verex Monitor XL - 32 pts.			
JOHNSON CONTROLS - EN7290 <sup>(1)</sup> US			
TYCMSM128 - 127 pts.		TYCMSM250FB - 249 pts.	
PACOM - EN4200 <sup>(3)</sup> US			
8002 Controller - 256 pts.			
SONITROL <sup>(1)</sup> US			
iBase - 64 pts.	FlexiBase - 64 pts.	FlexiIP - 64 pts.	
Other Commercial Panels - Add On Receivers Connect almost any panel I/O device through the receivers form C relay outputs.			
Receiver	Transmitters	Outputs	
		Alarm	Fault
EN4204R <sup>(1)</sup> US	4	4	1
EN4216MR <sup>(1)</sup> US	16	5	1 <sup>(2)</sup>
EN4232MR <sup>(1)</sup> US	32	11	1 <sup>(2)</sup>

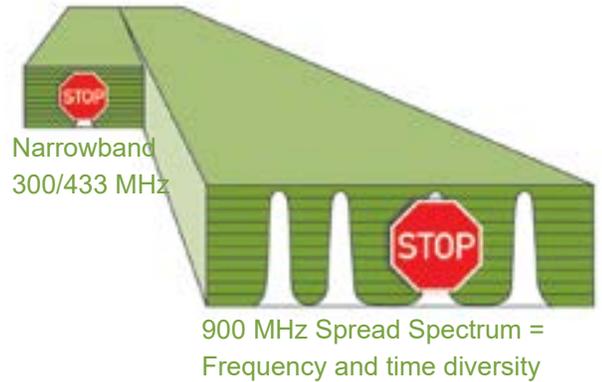
(1) Serial interface supports multi-condition pendants (2) User assigned fault outputs

(3) EN4200 may have a different part number and must be purchased through system integration partners



## Mission Critical Reliability For Panic Alarm Signalling

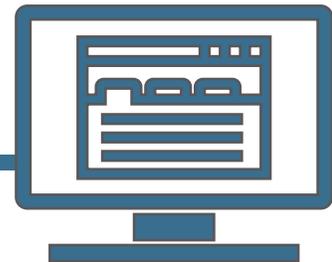
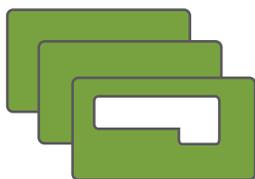
The Inovonics commercial mesh network uses a frequency-hopping, spread-spectrum technology that sends redundant messages across multiple channels to avoid interference obstacles. The scalability of the network is provided by high-power repeaters that auto-configure to receive, decode, prioritize and retransmit signals from wireless transmitters. In short, repeaters act as multi-path range expanders to provide wireless coverage in commercial buildings and accross campuses.



Designed to move small amounts of data over a moderate range. Inovonics network offers a key functional advantage in that, the panic button gives mobile employees the ability to trigger an alarm from anywhere coverage is provided.

### Inovonics Network

### Your Network



**Transmitter**  
Detects and sends sensor and alarm state of health messages.

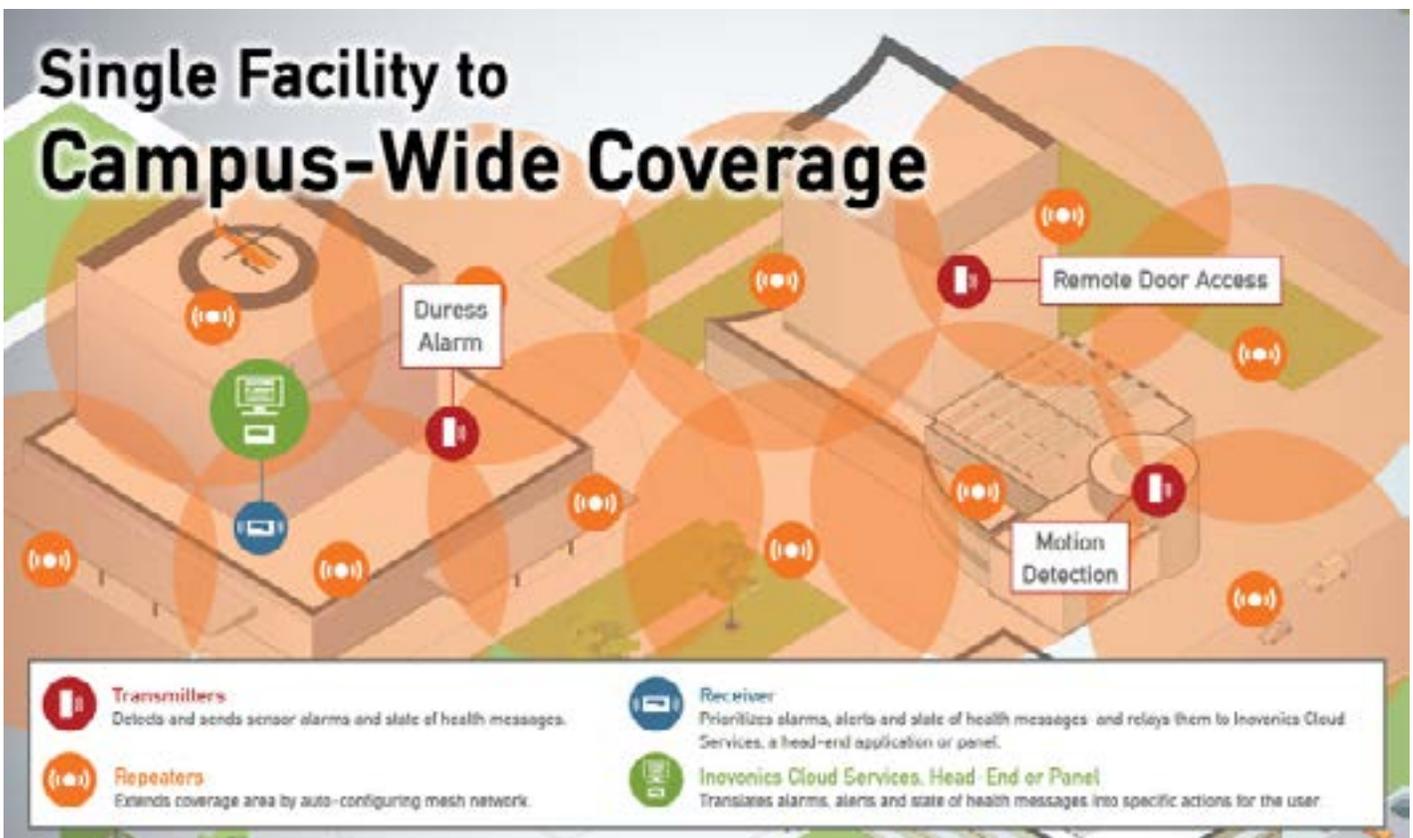
**Repeater**  
Extends coverage area by auto-configuring mesh network.

**Receiver**  
Prioritizes alarms, alerts and state of health messages and relays them to the head-end application.

**Head-End Application**  
Translates alarms, alerts and state of health messages into specific actions for the user.

# Single Facility to Campus-Wide Coverage

The Inovonics network is scalable to cover areas from square feet to acres, providing coverage for large commercial buildings as well as multi-building campuses. For 30 years, Inovonics has covered government facilities, historic and national landmarks, critical infrastructure facilities, K-12 schools, banks, hospitals, and retail establishments.



**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**



**Mobile Duress Card, Three-Condition**

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



**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**



**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.



**Smoke Detector**

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



**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.



**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**



**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*



**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**



**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.



**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.



**IP Gateway (requires an IP gateway)**

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



**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



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.

### 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 Pendant

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

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.



### 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.



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.

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