inovonics ®

Inovonics Wireless Solutions

Inovonics is the industry leader in reliable wireless technology. Providing flexible, cost-effective solutions by leveraging an extensible cloud platform, value-add software, APIs, dependable hardware components and unparalleled network infrastructure. Supporting installations with thousands of security devices across a campus, the Inovonics 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 network that intelligently amplifies transmissions from Inovonics transmitters. Providing coverage in all types of building construction, thus eliminating the need for labor associated with wired installs. Inovonics provides the flexibility to cover small, medium and large commercial buildings as well as complete campuses.

Security Panel Partners

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

HONEYWELL® - EN7290[1] c(UL)us		
VISTA – 128 – 127 pts.	VISTA - 250 - 249 pts.	
BOSCH - ENKIT-SD12 c(UL)us		
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[3] c(UL)us		
AFx - 32 pts.		
ICT - PRV-IVO-IF		
Protege WX - up to 255 pts.	Protege GX - up to 255 pts.	
INNER RANGE - IR-996008 c(UL)us		
32 pts. per receiver, Inception: up to 512 pts., Integriti: up to 3,168 pts.		
JOHNSON CONTROLS - EN7290[1] c(UL)us		
TYCMSM128 - 127 pts.	TYCMSM250FB - 249 pts.	
PACOM - EN4200[3] c(UL)us		
8002 Controller - 256 pts.		
SONITROL c(UL)us		
iBase - 64 pts.	FlexiBase - 64 pts.	FlexIP - 64 pts.
GALLAGHER – EN4200		
Command Centre		
GENETEC – EN4080 with LICBACNET		
Security Center – 100 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
c(UL)us EN4204R	4	4	1
c(UL)us EN4216MR	16	5	1[2]
c(UL)us EN4232MR	32	11	1[2]

(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.

Security System Configuration

Security Panel

Add On or Serial Receiver

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**

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 on board sounder, an LED indicator, tamper, EchoStream® network supervision, and local test capability.

Wireless CO Detector

The **EN1245** features an on board 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 black tamper, Smart Baiting with LED confirmation, and two or ten second delay transmission modes.

Glassbreak Detector

The **EN1248** glass break detector is a wireless omin-directional glass break detector, providing detection coverage of 180°

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.

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.

High Traffic Motion Detector

The **EN1262HT** high traffic motion detector uses an intelligent sleep timer and low current technology. It features a pet immune PIR detection element, and wall and housing tamper switches.

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.

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** tasset tag allows you to accurately locate essential equipment in near real time to improve efficiency and support loss prevention measures.

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

High Power Repeater

The high power repeater amplifies transmissions from any transmitter.

High Power Repeater with Transformer **EN5040-T**

Without Transformer **EN5040**

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

Security Gateway

The **EN7295** security gateway receives EchoStream messages from pendants, locators and repeaters, filtering out unregistered transmitter IDs before sending data to the security cloud.

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	c(UL)us	4	4 Alarm / 1 Fault
EN4216MR	c(UL)us	16	5 Alarm / 1 Fault
EN4232MR	c(UL)us	32	11 Alarm / 1 Fault

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.

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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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