



inovonics[®]

Product Catalog: North America

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NOTE: All products with a UL certification are labeled as such throughout the catalog with the logo. 

Commercial Security

Transmitters

Pendant

Part Number	UL Certification	Description
EN1223D	UL	Double-button water-resistant pendant
EN1223S		Single-button water-resistant pendant
EN1223S-BU		Single-button water-resistant pendant - bulk 50
EN1223S-60*		Single-button water-resistant pendant, 60 minute check in
EN1223S-60BU		Single-button water-resistant pendant, 60 minute check in - bulk 50
EN1224		Multiple condition pendant
EN1224-ON		Multiple condition on/off pendant
EN1233D		Double-button necklace pendant
EN1233S		Single-button necklace pendant
EN1235D		Double-button belt clip pendant
EN1235DF	UL	Double-button fixed position hold up transmitter
EN1235S		Single-button belt clip pendant transmitter
EN1235SF	UL	Single-button fixed position hold up transmitter
EN1236D		Double-button three condition pendant transmitter
EN1238D		Double-button dual condition pendant transmitter
EN2233S		Mobile duress pendant, single-button necklace
EN2233D		Mobile duress pendant, double-button necklace
EN2235S		Mobile duress pendant, single-button belt clip
EN2235D		Mobile duress pendant, double-button necklace
EN2224		Mobile duress pendant, multiple condition
EN2236D		Mobile duress pendant, double-button 3-condition
EN2238D		Mobile duress pendant, double-button dual condition

Universal

Part Number	UL Certification	Description
EN1210		Single input universal
EN1210-60*		Single input universal, 60 minute check in
EN1210-240-BU		Single input universal, 4 hour check in - bulk 50
EN1210-BU		Single input universal - bulk 50
EN1210EOL		Single input universal with EOL
EN1212		Dual input universal
EN1212-60*		Dual input universal, 60 minute check in
EN1215EOL	UL	Universal with wall tamper
EN1216		Dual input transmitter with wall tamper
EN1252		Long range dual input universal transmitter

Commercial Monitoring

Part Number	UL Certification	Description
EN1721		Integrated temperature/humidity transmitter
EN1723		Dual input temperature transmitter
EN1723-BU		Dual input temperature transmitter - bulk 50
EN1751		Water detector
EN1752		Temperature detector

*UL 2560 fundamental device with UL unlisted component certification. Partners must achieve Emergency Call System certification from a Nationally Recognized Testing Laboratory to claim compliance with UL 2560.

Specialized

Part Number	UL Certification	Description
EN1210W		Door/window with reed switch
EN1210W-60*		Door/window with reed switch, 60 minute check in
EN1215WEOL	UL	Door/window with wall tamper and EOL protection
EN1244	UL	Smoke Detector
EN1245	UL	CO detector
EN1247		Glassbreak detector transmitter
EN1248		Glassbreak detector
EN1249	UL	Billtrap transmitter

Motion Detectors

Motion Detector

Part Number	UL Certification	Description
EN1260		Wall mount motion detector
EN1262		Motion detector with pet immunity
EN1262HT		High Traffic Motion Detector
EN1263		Motion detector with pet immunity
EN1261HT	UL	High traffic four element motion detector
EN1265		360° Ceiling mount motion detector
EN1266		360° Ceiling mount motion detector

Locators

Locator

Part Number	UL Certification	Description
EN5060		Locator, outlet mount

Receivers

Receiver

Part Number	UL Certification	Description
EN4200	UL	Security only serial receiver

Add-On

Part Number	UL Certification	Description
EN4204R	UL	Four zone add-on receiver with relays
EN4216MR	UL	16 zone multi-condition receiver with relays
EN4232MR	UL	32 zone multi-condition receiver with relays

IP

Part Number	UL Certification	Description
EN4080		IP gateway (requires an IP gateway license)
LICBACNET		BACnet license for IP gateway
LICMQTT		MQTT license for IP gateway
EN7295		Security gate

Panel Partner

Part Number	UL Certification	Description
EN4200	UL	Serial receiver/interface kit for Bosch panel (D7212G, D7412G, D9412G, B3512, B4512, B5512, B6512, B8512G and B9512G)
EN4200	UL	Serial receiver/interface for Pacom field controllers (8002 controller)
EN4200	UL	Serial receiver/interface for Sonitrol panels (iBase, FlexiBase, FlexIP)
EN4200	UL	Serial receiver/interface for Interlogix panels (Verex Monitor XL)
EN4200	UL	Serial receiver/interface for Chubb Edwards panel (AFx)
EN4200	UL	Serial receiver/interface for ICT panels (Protege WX, Protege GX)
EN7290	UL	Serial receiver/interface for Honeywell panel (VISTA-128/-250)
EN7290	UL	Serial receiver/interface for Johnson Controls panel (TYCMSM128, TYCMSM250FB)

Transmitters

Pendant

Part Number	UL Certification	Description
EN1221S-60N*		Waterproof pendant with lanyard - <i>Senior living use only</i>
EN1221S-60NBU		Waterproof pendant with lanyard - bulk 50 - <i>Senior living use only</i>
EN1221S-60W*		Waterproof pendant with wristband - <i>Senior living use only</i>
EN1221S-60WBU		Waterproof pendant with wristband - bulk 10 - <i>Senior living use only</i>
EN1221S-60WLBU		Waterproof pendant with long wristband - bulk 10- <i>Senior living use only</i>
EN1223S		Single-button, water-resistant pendant
EN1223S-BU		Single-button, water-resistant pendant - bulk 50
EN1223S-60*		Single-button, water-resistant pendant, 60 minute check in
EN1223S-60BU		Single-button, water-resistant pendant, 60 minute check in - bulk 50
EN2221-60N		Location pendant with lanyard - <i>Senior living use only</i>
EN2221-60NBU		Location pendant with lanyard - bulk 50 - <i>Senior living use only</i>
EN2221-60W		Location pendant with wristband - <i>Senior living use only</i>
EN2221-60WBU		Location pendant with wristband - bulk 50 - <i>Senior living use only</i>
EN2221-60WLBU		Location pendant with long wristband - <i>Senior living use only</i>
EN2222-60N		Fall detection pendant with lanyard - <i>Senior living use only</i>
EN2222-60NBU		Fall detection pendant with lanyard - bulk 20 - <i>Senior living use only</i>

Universal

Part Number	UL Certification	Description
EN1210		Single input universal
EN1210-BU		Single input universal - bulk 50
EN1210-60*		Single input universal, 60 minute check in
EN1210-240		Single input universal, 4 hour check in
EN1210-240BU		Single input universal, 4 hour check in - bulk 50
EN1210EOL		Single input universal, EOL protection
EN1212		Dual input universal
EN1212-60*		Dual input universal, 60 minute check in
EN1215EOL	UL	Universal with wall tamper
EN1216		Dual input universal transmitter with wall tamper
EN1252		Long range, dual input universal transmitter

Commercial Monitoring

Part Number	UL Certification	Description
EN1721		Integrated temperature/humidity transmitter
EN1723		Dual input temperature transmitter
EN1723-BU		Dual input temperature transmitter - bulk 50
EN1751		Water detector
EN1752		Temperature detector

Specialized

Part Number	UL Certification	Description
EN1210W		Door/window with reed switch
EN1210W-60*		Door/window with reed switch, 60 minute check in
EN1244	UL	Smoke detector
EN1245	UL	CO detector
EN1248		Glassbreak detector
EN1941	UL	One-way binary RF module
EN1941-BU		One-way binary RF module - bulk 50

*UL 2560 fundamental device with UL unlisted component certification. Partners must achieve Emergency Call System certification from a Nationally Recognized Testing Laboratory to claim compliance with UL 2560.

Specialized (Continued)

Part Number	UL Certification	Description
EN1941-60BU		One-way binary RF module, 60 minute check in - bulk 50
EN1941XS*		One-way serial data RF module
EN1941XS-BU		One-way serial data RF module - bulk 50
EN3942XS		Two-way serial data RF module

Motion Detectors

Motion Detector

Part Number	UL Certification	Description
EN1241-60*		Activity sensor, 60 minute check in
EN1260		Wall mount motion detector
EN1261HT	UL	High traffic four element motion detector
EN1262		Motion detector with pet immunity
EN1262HT		High Traffic Motion Detector
EN1263		Motional detector with pet immunity
EN1265		360° Ceiling mount motion detector
EN1266		360° Ceiling mount motion detector
EN1342-60*		Activity monitoring detector

Locators

Locator

Part Number	UL Certification	Description
EN5060		Locator, outlet mount

Receivers

Serial

Part Number	UL Certification	Description
EN4000		Universal serial receiver
EN6040-T*		Network coordinator with transformer

IP

Part Number	UL Certification	Description
EN7380		Senior living gateway (requires subscription for enhanced features)

Repeaters

Repeater

Part Number	UL Certification	Description
EN5040		High power repeater
EN5040-T	UL	High power repeater with transformer
EN5040-20T*		High power repeater with transformer, 20 minute check in

Other Infrastructure

System Tools

Part Number	UL Certification	Description
EN1223SK		Survey pendant
EN4016SK		Survey receiver
EN7017		Survey kit and app

*UL 2560 fundamental device with UL unlisted component certification. Partners must achieve Emergency Call System certification from a Nationally Recognized Testing Laboratory to claim compliance with UL 2560.

MultiFamily Submetering

Transmitters

Specialized

Part Number	UL Certification	Description
EN1501		Pulse meter transmitter
EN1501-EXT		Pulse meter transmitter board for integration
EN1501-XL		Pulse meter transmitter with extended life battery
EN1550EP		Encoder Pulse Transmitter

IP

Part Number	UL Certification	Description
EN7580		TapWatch gateway
EN7581		TapWatch gateway lite

Repeaters

Repeater

Part Number	UL Certification	Description
EN5040		High power repeater
EN5040-T	UL	High power repeater with transformer

Other Infrastructure

System Tools

Part Number	UL Certification	Description
EN1223SK		Survey pendant
EN4016SK		Survey receiver
EN7017		Survey kit and app


Commercial Monitoring

Transmitters

Commercial Monitoring

Part Number	UL Certification	Description
EN1721		Integrated temperature/humidity transmitter
EN1723		Dual input temperature transmitter
EN1723-BU		Dual input temperature transmitter - bulk 50
EN1751		Water detector
EN1752		Temperature detector

Specialized

Part Number	UL Certification	Description
EN1941		One-way binary RF module
EN1941-BU		One-way binary RF module - bulk 50
EN1941-60-BU		One-way binary RF module, 60 minute check in - bulk 50
EN1941XS*		One-way serial data RF module
EN1941XS-BU		One-way, serial data RF module - bulk 50

Receivers

Serial

Part Number	UL Certification	Description
EN4000		Universal serial receiver
EN6040-T*		Network coordinator with transformer

IP

Part Number	UL Certification	Description
EN4080		IP gateway (requires an IP gateway license)
LICBACNET		BACnet license for IP gateway
LICMQTT		MQTT license for IP gateway

Repeaters

Repeater

Part Number	UL Certification	Description
EN5040		High power repeater
EN5040-T		High power repeater with transformer

Other Infrastructure

System Tools

Part Number	UL Certification	Description
EN1223SK		Survey pendant
EN4016SK		Survey receiver
EN7017		Survey kit and app

*UL 2560 fundamental device with UL unlisted component certification. Partners must achieve Emergency Call System certification from a Nationally Recognized Testing Laboratory to claim compliance with UL 2560.



EN2222S-60N Fall detection pendant with lanyard
*Senior living use only**

- Sends an automatic alarm message when sensors indicate that a resident may have fallen, even if the resident is unable to press the alarm button.
- Gray outer ring differentiates from standard small pendants
- Includes Bluetooth® transmitter to enable advanced location features
- Vibration feature confirms alarm activation
- Adjustable lanyard with breakaway feature
- Alarm clearance with magnetic card or button press pattern



EN2221S-60N Location pendant with lanyard
*Senior living use only**

- Small, light and comfortable to wear
- Includes a Bluetooth® radio that enables advanced locating features
- Provides precise location for alarm events when used with Inovonics locators
- Lights signal alarm activation, alarm clearance and low battery conditions
- Vibration feature confirms alarm activation
- Adjustable lanyard with breakaway feature included with EN2221S-60N
- Alarm clearance with magnetic card or button press pattern



EN2221S-60W Location pendant with wristband
*Senior living use only**

- Small, light and comfortable to wear
- Includes a Bluetooth® radio that enables advanced locating features
- Provides precise location for alarm events when used with Inovonics locators



EN1221S-60N Waterproof pendant with lanyard
*Senior living use only**

- Small, light and waterproof to IP67
- Bright lights signal alarm activation, alarm clearance and low battery
- Vibration feature confirms alarm activation
- Adjustable, breakaway lanyard
- Alarm clearance with magnetic card or button press pattern
- Lanyard included



EN1221S-60W Waterproof pendant with wristband
*Senior living use only**

- Small, light and waterproof to IP67
- Bright lights signal alarm activation, alarm clearance and low battery
- Vibration feature confirms alarm activation
- Adjustable, latex-free, silicone wristband
- Alarm clearance with magnetic card or button press pattern



EN1223D Double-button water-resistant pendant

- Double-button design provides protection against accidental activation
- Lightweight, rugged design
- Necklace and belt clip included



EN1223S Single-button water-resistant pendant

- Simple, single-button activation
- Lightweight, rugged design
- Necklace and belt clip included



EN1223S-60 Single-button water-resistant pendant*

- Simple, single-button activation
- Lightweight, rugged design
- Necklace and belt clip included
- 60 minute check in



EN1224 Multiple condition pendant

- Activates four different alarm conditions
- Belt clip not included
- Easily mounted for fixed position signaling



EN1224-ON Multiple condition on/off pendant

- Activates four different alarm conditions
- Easily mounted for fixed position signaling
- Belt clip is not included



EN1233D Double-button necklace pendant

- Double-button design provides protection against accidental activation
- Necklace included
- Easily mounted for fixed position signaling



EN1233S Single-button necklace pendant

- Simple, single-button activation
- Necklace included
- Easily mounted for fixed position signaling



EN1235D Double-button belt clip pendant

- Double-button design provides protection against accidental activation
- Belt clip included
- Available as fixed mount with back tamper (EN1235DF)



EN1235DF Double-button fixed position hold up transmitter [®]

- Double-button design helps prevent false alarms
- Includes back tamper for secure fixed position alarm signaling
- LED flashes with all transmissions, ensuring operation at a glance



EN1235S Single-button belt clip pendant

- Simple, single-button activation
- Belt clip included
- Available as fixed mount with back tamper (EN1235SF)



EN1235SF Single-button fixed position hold up transmitter [®]

- Easy single-button activation
- Include back tamper for secure fixed position alarm signaling
- LED flashes with all transmissions, ensuring operation at a glance



EN1236D Double-button three condition pendant

- Activates three different alarm conditions
- Belt clip included
- Easily mounted for fixed position signaling



EN1238D Double-button dual condition pendant

- Activates two different alarm conditions
- Belt clip included
- Easily mounted for fixed position signaling



EN2233S Mobile duress pendant, single-button necklace

- Provides precise location for alarm events when used with Inovonics locators
- LED flashes with all transmissions, ensuring operation at a glance
- 24/7 monitoring to maintain system health
- Works with existing security system, eliminating forklift upgrades



EN2233D Mobile duress pendant, double-button necklace

- Provides precise location for alarm events when used with Inovonics locators
- LED flashes with all transmissions, ensuring operation at a glance
- 24/7 monitoring to maintain system health
- Works with existing security system, eliminating forklift upgrades



EN2235S Mobile duress pendant, single-button belt clip

- Provides precise location for alarm events when used with Inovonics locators
- LED flashes with all transmissions, ensuring operation at a glance
- 24/7 monitoring to maintain system health
- Works with existing security system, eliminating forklift upgrades



EN2235D Mobile duress pendant, double-button necklace

- Provides precise location for alarm events when used with Inovonics locators
- LED flashes with all transmissions, ensuring operation at a glance
- 24/7 monitoring to maintain system health
- Works with existing security system, eliminating forklift upgrades



EN2224 Mobile duress pendant, multiple condition

- Provides precise location for alarm events when used with Inovonics locators
- LED flashes with all transmissions, ensuring operation at a glance
- 24/7 monitoring to maintain system health
- Works with existing security system, eliminating forklift upgrades



EN2236D Mobile duress pendant, double-button 3-condition

- Provides precise location for alarm events when used with Inovonics locators
- LED flashes with all transmissions, ensuring operation at a glance
- 24/7 monitoring to maintain system health
- Works with existing security system, eliminating forklift upgrades



EN2238D Mobile duress pendant, double-button dual condition

- Provides precise location for alarm events when used with Inovonics locators
- LED flashes with all transmissions, ensuring operation at a glance
- 24/7 monitoring to maintain system health
- Works with existing security system, eliminating forklift upgrades



EN1210 Single input universal

- For use with almost any standard NO/NC contact or sensor
- Includes case tamper protection
- Available as board only version - EN1210BO-4H



EN1210-60 Single input universal*

- For use with almost any standard NO/NC contact or sensor
- Includes case tamper protection
- Available as board only version - EN1210BO-4H
- 60 minute check in



EN1210-240 Single input universal

- For use with almost any standard NO/NC contact or sensor
- Includes case tamper protection
- Available as board only version - EN1210BO-4H
- 240 minute check in



EN1210EOL Single input universal with EOL

- End of line resistor supervision (EOL resistor required)
- For use with almost any standard NO/NC contact or sensor
- Includes case tamper protection



EN1212 Dual input universal

- Supports dual inputs
- For use with any standard NO/NC contact or sensor
- Includes case tamper protection



EN1212-60 Dual input universal*

- Supports dual inputs
- For use with any standard NO/NC contact or sensor
- Includes case tamper protection
- 60 minute check in



EN1215EOL Universal with wall tamper [®]

- End of line resistor supervision (EOL resistor required)
- Screw closure housing and wall tamper switch provide additional security
- For use with any standard NO/NC contact or sensor
- Includes both case and back tamper protection

EN1216 Dual input transmitter with wall tamper

- Supports dual inputs
- Screw closure housing and wall tamper switch provide additional security
- For use with any standard NO/NC contact or sensor
- Includes both case and back tamper protection

EN1252 Long range dual input universal transmitter

- Provides five times the output power of other Inovonics universal transmitters
- Provides complete Inovonics EchoStream functionality to your product
- Operates using the dedicated, secure and fully-supervised Inovonics commercial mesh network to ensure critical messages are delivered
- Housing tamper helps ensure transmitter security

EN1721 Integrated temperature/humidity transmitter - Commercial monitoring use only

- Transmits temperature and humidity periodically and upon significant change
- Measurement range: -40° to 140°F and 0 to 90% relative humidity
- Typical accuracy of 0.5°F and 2.0% relative humidity

EN1723 Dual input temperature transmitter - Commercial monitoring use only

- Transmits temperature measurement periodically and on significant change
- Transmission intervals from 10 seconds to 30 minutes
- Sensor measurement range: Internal: -13° to 140°F, External: -22° to 212°F

EN1751 Water detector

- Alarms upon detection of 1/4" non distilled water
- Tampers if probe wire is cut or disconnected
- Fully supervised, with a 60-minute check-in interval

EN1752 Temperature detector

- 80°F high threshold for server rooms monitoring; 40°F low threshold for pre-freeze warning
- Programmable thresholds with the ACC17XX programming cable and transmitter programmer app (supports Windows 10 and higher)
- Compatible with Honeywell T280R probe for external monitoring applications



EN1210W Door/window with reed switch

- Contains wired input and magnetic reed switch input
- Built-in magnetic reed switch that supports up to a 0.6" gap
- For use with any standard NO/NC contact or sensor
- Includes case tamper protection



EN1210W-60 Door/window with reed switch*

- Contains wired input and magnetic reed switch input
- Built-in magnetic reed switch that supports up to a 0.6" gap
- For use with any standard NO/NC contact or sensor
- Includes case tamper protection
- 60 minute check in



EN1215WEOL Door/window with wall tamper and EOL ^{UL}

- End of line resistor supervision (EOL resistor required)
- Built-in magnetic reed switch that supports up to a 0.6" gap
- Screw closure housing and wall tamper switch provide additional security
- For use with any standard NO/NC contact or sensor
- Includes both case and back tamper protection



EN1244 Smoke detector ^{UL}

- Local test and silence alarm functions
- Low battery detection
- Maintenance warning
- Tamper switch for prevention against sensor removal



EN1245 CO detector ^{UL}

- Local test and silence alarm functions
- Low battery detection
- Maintenance warning
- Tamper switch for prevention against sensor removal
- Ten year CO sensor life



EN1247 Glassbreak detector transmitter

- Interlogix's ShatterPro II pattern recognition technology provides extended range (25 ft. radius, 360° coverage)



EN1248 Glassbreak detector

- Supervision of low battery and tamper for reliability
- Walk test capability to help ensure functionality



EN1249 Billtrap transmitter ^{UL}

- Two alarm transmission modes, two and ten second delay, to reduce false alarms
- Wireless design provides ease of installation and drawer removal
- Back and case tamper
- LED indication confirms when bill has been inserted into the billtrap

EN1501 Pulse meter transmitter - *Submetering use only*

- TapWatch submetering system compatible
- Compatible with virtually any meter with a pulsed output
- Case tamper protection

EN1501-EXT Pulse meter transmitter board for integration - *Submetering use only*

- TapWatch submetering system compatible
- Compatible with virtually any meter with a pulsed output

EN1501-XL Pulse meter transmitter with extended life battery - *Submetering use only*

- TapWatch submetering system compatible
- Compatible with virtually any meter with a pulsed output
- Includes a non-replaceable, long-life battery, with a life expectancy of 20 years

EN1550EP Encoder Pulse Transmitter - *Submetering use only*

- Compatible with Neptune E-CODER®, ProRead™, ProCoder™ register
- TapWatch submetering system compatible
- Includes case tamper protection

EN1941 One-way binary RF module

- Powered by input device - low current draw
- Easy to integrate to any binary switch device
- Small form factor

EN1941-60 One-way binary RF module*

- 60 minute check-in
- Excludes 8-pin header

EN1941-60XHR One-way binary RF module without header*

- 60 minute check-in
- Excludes 8-pin header

EN1941XS One-way serial data RF module* ^{UL}

- Powered by input device - low current draw
- Easy to integrate to any serial output device
- 50 byte serial data payload





EN1241-60 Activity sensor for senior living*

- Low current detector highly sensitive to moving heat infrared radiation for increased immunity to interface, and false alarms
- Adjustable sensitivity
- Case tamper and back tamper switches
- 60 minute check in



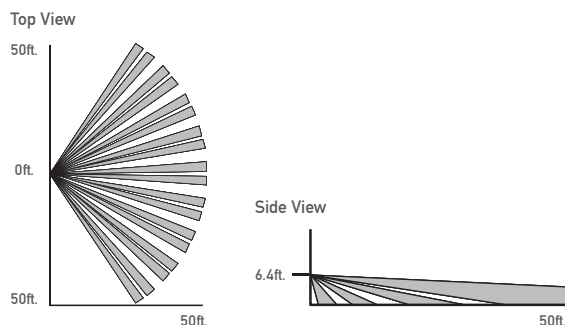
EN1342-60 Activity monitoring detector*

- Wall mount quad element PIR sensor
- Intelligent sleep timer extends battery life in high traffic environments
- Supervision of low battery and tamper for reliability
- Walk test capability to help ensure functionality
- UL2560 unlisted component



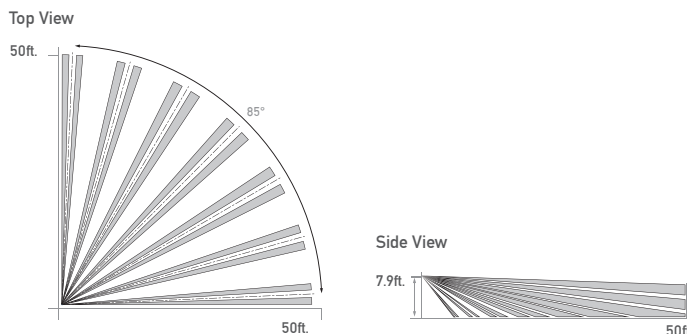
EN1260 Wall mount motion detector

- Intelligent sleep timer extends battery life in high traffic environments
- Digital signal processing recognizes human signatures to reduce false alarms
- Highly sensitive to moving infrared radiation
- Increased immunity to radio frequency interference, vibration, static, lightning, ambient temperature changes, and other causes of false alarms
- Detection range of 50 feet



EN1261HT High traffic four element motion detector

- Increased immunity to radio frequency interference, vibration, static, lightning, ambient temperature changes, or other causes of false activation
- Case tamper and back tamper switches
- Pet immunity (up to 33lbs/1ft)
- Four year battery life in high traffic applications (200 activations a day)
- Selectable sleep modes
- Adjustable sensitivity

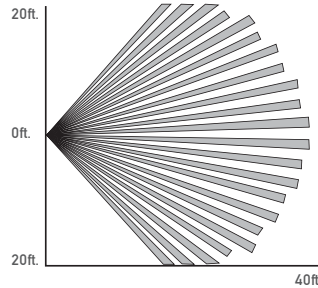




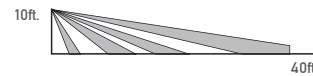
EN1262 Motion detector with pet immunity

- For residential and low traffic (less than 100 activations a day) commercial applications
- Features Pet Friendly® pet immunity for animals up to 30 lbs
- Uses advanced signal processing to provide false activation immunity
- 90 second sleep time

Top View



Side View



EN1262HT High Traffic Motion Detector

- Wall mount quad element PIR sensor
- Intelligent sleep timer extends battery life in high traffic environments
- Supervision of low battery and tamper for reliability
- Walk test capability to help ensure functionality



EN1263 Motion detector with pet immunity

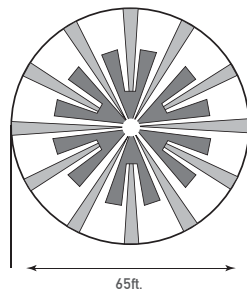
- Wall mount quad element PIR sensor
- Intelligent sleep timer extends battery life in high traffic environments
- Supervision of low battery and tamper for reliability
- Walk test capability to help ensure functionality



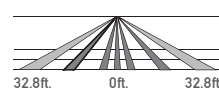
EN1265 360° Ceiling mount motion detector

- Wireless four element passive infrared intrusion detector for use in ceiling mount applications
- Provides wide coverage patterns even at low mounting heights
- Increased immunity to radio frequency interference, vibration, static, lightning, ambient temperature changes, or other causes of false activation
- Intelligent sleep timer extends battery life in high traffic environments

Top View



Side View



EN1266 360° Ceiling mount motion detector

- 360° quad element PIR sensor
- Intelligent sleep timer extends battery life in high traffic environments
- Supervision of low battery and tamper for reliability
- Walk test capability to help ensure functionality



EN4000 Universal serial receiver

- Wireless gateway between EchoStream one-way transmitters (security, temperature, or analog) and a head end application using an RS-232 serial interface
- Serial receiver transmits EchoStream formatted messages to the head end application
- Supervised connection between the receiver and application
- Serial integration enables hundreds to thousands of wireless devices



EN4200 Security only serial receiver

- Wireless gateway between EchoStream one-way security transmitters and an head end application using an RS-232 serial interface
- Serial receiver transmits EchoStream formatted messages to the head end application
- Supervised connection between the receiver and application
- Serial integration enables hundreds to thousands of wireless devices



EN6040-T Network coordinator with transformer*

- Supports EchoStream end devices
- RS-232 serial interface with VAR's head end application



EN4204R Four zone add-on receiver with relays

- Add up to four high performance EchoStream wireless transmitters to any installation
- LED allows the user to view the current status of all four transmitters
- Five form C relays for connecting to any panel: four alarm, one fault
- Outputs can be configured in follower, latching, momentary, or toggle modes independently
- Case tamper protection, jam detection, and internal antennas for a secure wireless implementation
- Wireless programming routine built into the receiver



EN4216MR 16 zone multi-condition receiver with relays

- Add up to 16 high performance wireless transmitters and/or repeaters to any installation
- Two line text display shows condition of each transmitter, provides log of past events, and view signal strength
- Six form C relays for connecting to any panel: five alarm, one fault
- Supports single condition and multiple condition transmitters
- Momentary output duration programmable from 0.5 to 99.5 seconds
- Case tamper protection, jam detection, and internal antennas for a secure wireless implementation
- Wireless programming routine built into the receiver



EN4232MR 32 zone multi-condition receiver with relays

- Add up to 32 wireless high performance EchoStream wireless transmitters and/or repeaters to any installation
- 12 form C relays for connecting to any panel: 11 alarm, one fault
- Supports single condition and multiple condition transmitters
- Password protected access levels for end user, authorized user, and authorized installer
- Jam detection monitors all RF channels for interference.
- Supports a normally open (N/O) or normally closed (N/C) configuration.
- Reset terminal to allow for externalized receiver resets.
- Tamper terminal to allow for externalized tampers.



EN4080 IP gateway (requires an IP gateway license)

- Combines EN4000 receiver and third party IP gateway functionality into a single product
- Optional Power over Ethernet (PoE) feature
- Supports over-the-air updates
- Compatible with select Inovonics transmitters (see website for more details)
- External LEDs indicate power, IP connectivity and message receipt

LICBACNET BACnet license for IP gateway

- Enables an EN4080 IP gateway to output EchoStream messages in BACnet/IP systems

LICMQTT MQTT license for IP gateway

- Enables an EN4080 IP gateway to output EchoStream messages into MQTT-based Amazon Web Services (AWS) applications



EN7380 Senior Gateway Gateway

- Optional Power over Ethernet (PoE) feature
- Supports over-the-air updates
- External LEDs indicate power, IP connectivity and message receipt.



EN7380 Senior Living Gateway

- Optional Power over Ethernet (PoE) feature
- Supports over-the-air updates
- External LEDs indicate power, IP connectivity and message receipt.



EN7580 TapWatch gateway - *Submetering use only*

- Combines the receiver and date logger functionality into a single gateway
- Supports over-the-air updates
- Full compatibility with previously installed EchoStream systems



EN7581 TapWatch gateway lite - *Submetering use only*

- Ideal for smaller residential or light commercial properties
- Combines the receiver and date logger functionality into a single gateway
- Supports over-the-air updates
- Full compatibility with previously installed EchoStream systems



EN4200 Serial receiver/interface for Bosch panels

- Wireless integration requires an ENKIT-01 (GV3) or ENKIT-SDI2 (GV4) kit - available through Bosch
 - The ENKIT-01 (GV3) and ENKIT-SDI2 (GV4) include both EN4200 and interface module
- Wireless integration with Bosch D7212G, D7412G and D9412G panels
- May require multiple interface modules
- The Bosch D7212G interface has 32 wireless points
- The Bosch D7412G interface has 67 wireless points
- The Bosch D9412G has 238 wireless points
- Compatible with control panels including all versions of the D9412GV4, D7412GV4 and D7212GV4, as well as the B3512, B4512, B5512, B6512, B8512G and B9512G

EN4200 Serial receiver/interface for Pacom field controllers

- Wireless integration with Pacom 8002 controller and alarm management
- RS232 communication with Pacom field controllers
- Remote transmitter arm and disarm
- The Pacom 8002 controller has 256 wireless points

EN4200 Serial receiver/interface for Sonitrol panels

- Wireless integration with Sonitrol iBase, FlexiBase, and FlexIP panels
- Based on Sonitrol IP panel programming, the panel will send alarms to a central station
- The iBase interface has 64 wireless points

EN4200 Serial receiver/interface for Interlogix panels

- Wireless integration with Interlogix Verex Monitor XL panel
- Supports up to 32 zones per receiver
- The Verex Monitor XL interface has 32 wireless points

EN4200 Serial receiver/interface for Chubb Edwards panels

- Wireless integration with AFx panel
- The AFx interface has 32 wireless points

EN4200 Serial receiver/interface for ICT panels

- Wireless integration with ICT Protege WX and Protege GX panels requires an Inovonics Wireless Receiver Module (ICT product # PRV-IVO-IF available through ICT).
- The Protege WX interface has 255 wireless points
- The Protege GX interface has 255 wireless points



EN7290 Serial receiver/interface for Honeywell panels

- Wireless integration with Honeywell VISTA-128 and VISTA-250 panels
- Honeywell panels support multiple condition devices including the EN1212, EN1216, EN1224, EN1224-ON, EN1236D and EN1238D
- The Honeywell VISTA-128 interface has 127 wireless points
- The Honeywell VISTA-250 interface has 249 wireless points

EN7290 Serial receiver/interface for Johnson Controls panels

- Wireless integration with Johnson Controls TYCMSM128 and TYCMSM250FB panels
- Johnson Controls panels support multiple condition devices including the EN1212, EN1216, EN1224, EN1224-ON, EN1236D and EN1238D
- The Johnson Controls TYCMSM128 interface has 127 wireless points
- The Johnson Controls TYCMSM250FB interface has 249 wireless points



EN5040 High power repeater

- Includes backup battery
- No wires or programming required
- Self configuring
- Case and wall tamper protection

EN5040-T High power repeater with transformer

- Includes 120 VAC power transformer
- Includes backup battery
- No wires or programming needed
- Self configuring
- Case tamper protection

EN5040-20T High power repeater with transformer*

- Supervises for low battery, loss of line power, case tamper, back tamper and jam protection
- Incorporates sophisticated signal management
- Includes backup battery
- Self configuring
- Case tamper protection
- Sends check in message every 20 minutes



EN5060 Locator

- Provides precise location for alarm events when used with Inovonics location-enabled pendants
- LED flashes with all transmissions, ensuring operation at a glance
- Outlet mount provides flexibility for installation
- 24/7 monitoring to maintain system health
- Works with existing Inovonics security and senior living systems, eliminating forklift upgrades



EN1223SK Survey pendant

The Inovonics EN1223SK survey pendant is used with the EN4016SK survey receiver to help determine the optimal location for transmitters. Button turns transmitter on/off to generate a "heartbeat" RF signal.



EN4016SK Survey receiver

The EN4016SK survey receiver is a portable and easy-to-use tool for determining the optimal location for transmitters and repeaters. Use the survey receiver to determine optimal location for EchoStream transmitters and repeaters or to demonstrate the range of 900MHz EchoStream devices to potential customers.

- Survey any facility quickly and easily
- Completely portable
- Battery operates the system for up to eight hours
- Requires four AA batteries, not included



EN7017 Survey kit and app

The EN7017 survey kit and app provides security integrators with a wireless blueprint in advance of installing devices, allowing the quick preparation of accurate quotes.

- Automatic notification of both signal repeater signal strength
- Intuitive display
- Protective and professional storage
- Mobile flexibility

Transmitters

Pendant Transmitters

Part Number	Description
EN1221S-60N	Waterproof pendant with lanyard - <i>Senior living use only</i>
EN1221S-60NBU	Waterproof pendant with lanyard - bulk 50 - <i>Senior living use only</i>
EN1221S-60W	Waterproof pendant with wristband - <i>Senior living use only</i>
EN1221S-60WBU	Waterproof pendant with wristband - bulk 10 - <i>Senior living use only</i>
EN1221S-60WLB	Waterproof pendant with long wristband - bulk 10 - <i>Senior living use only</i>
EN1223D	Double-button water-resistant pendant
EN1223S	Single-button water-resistant pendant
EN1223S-BU	Single-button water-resistant pendant - bulk 50
EN1223S-60	Single-button water-resistant pendant, 60 minute check in
EN1223S-60BU	Single-button water-resistant pendant, 60 minute check in - bulk 50
EN1224	Multiple condition pendant
EN1224-ON	Multi-condition on/off pendant
EN1233D	Double-button necklace pendant
EN1233S	Single-button necklace pendant
EN1235D	Double-button belt clip pendant
EN1235DF	Double-button fixed position hold up transmitter
EN1235S	Single-button belt clip pendant
EN1235SF	Single-button fixed position hold up transmitter
EN1236D	Double-button three condition pendant transmitter
EN1238D	Double-button dual condition pendant transmitter
EN2221S-60N	Fall detection pendant with lanyard - <i>Senior living use only</i>
EN2222S-60	Location pendant with lanyard - <i>Senior living use only</i>

Universal Transmitters

Part Number	Description
EN1210	Single input universal
EN1210-BU	Single input universal - bulk 50
EN1210-60	Single input universal, 60 minute check in
EN1210-240	Single input universal, 4 hour check in
EN1210-240-BU	Single input universal, 4 hour check in - bulk 50
EN1210EOL	Single input universal with EOL
EN1212	Dual input universal
EN1212-60	Dual input universal, 60 minute check in
EN1215EOL	Universal with wall tamper
EN1216	Dual input transmitter with wall tamper
EN1252	Long range dual input universal transmitter

Commercial Monitoring Transmitters

Part Number	Description
EN1721	Integrated temperature/humidity transmitter
EN1723	Dual input temperature transmitter
EN1723-BU	Dual input temperature transmitter - bulk 50
EN1751	Water detector
EN1752	Temperature detector

Specialized Transmitters

Part Number	Description
EN1210W	Door/window with reed switch
EN1210W-60	Door/window with reed switch, 60 minute check in
EN1215WEOL	Door/window with wall tamper and EOL
EN1244	Smoke detector
EN1245	CO detector
EN1247	Glassbreak detector transmitter
EN1249	Billtrap transmitter
EN1501	Pulse meter transmitter
EN1501-EXT	Pulse meter transmitter board for integration
EN1501-XL	Pulse meter transmitter with extended life battery
EN1550EP	Encoder Pulse Transmitter

Specialized Transmitters (Continued)

Part Number	Description
EN1941	One-way binary RF module
EN1941-BU	One-way binary RF module - bulk 50
EN1941-60-BU	One-way binary RF module, 60 minute check in - bulk 50
EN1941-60XHR	One-way binary RF module without header
EN1941-60XHR-BU	One-way binary RF module without header - bulk 50
EN1941XS	One-way serial data RF module
EN1941XS-BU	One-way serial data RF module - bulk 50

Motion Detectors

Part Number	Description
EN1241-60	Activity sensor, 60 minute check in
EN1260	Wall mount motion detector
EN1261HT	High traffic four element motion detector
EN1262	Motion detector with pet immunity
EN1262HT	High Traffic Motion Detector
EN1265	360° Ceiling mount motion detector

Receivers

Serial Receivers

Part Number	Description
EN4000	Universal serial receiver
EN4200	Security only serial receiver
EN6040-T	Network coordinator with transformer

Add-On Receivers

Part Number	Description
EN4204R	Four zone add-on receiver with relays
EN4216MR	16 zone multi-condition receiver with relays
EN4232MR	32 zone multi-condition receiver with relays

IP Receivers

Part Number	Description
EN4080	IP gateway (requires an IP gateway license)
LICBACNET	BACnet license for IP gateway
LICMQTT	MQTT license for IP gateway
EN7295	Security gateway
EN7380	Senior living gateway
EN7580	TapWatch gateway
EN7581	TapWatch gateway lite

Panel Partner Receivers

Part Number	Description
EN4200	Serial receiver/interface kit for Bosch panel (D7212G, D7412G, D9412G, B3512, B4512, B5512, B6512, B8512G and B9512G)
EN4200	Serial receiver/interface for Pacom field controllers (8002 controller)
EN4200	Serial receiver/interface for Sonitrol panels (iBase, FlexiBase, FlexIP)
EN4200	Serial receiver/interface for Interlogix panels (Verex Monitor XL)
EN7290	Serial receiver/interface for Honeywell panel (VISTA 128/250)
EN7290	Serial receiver/interface for Johnson Controls panel (TYCMSM128, TYCMSM250FB)

Repeaters

Repeaters

Part Number	Description
EN5040	High power repeater
EN5040-T	High power repeater with transformer
EN5040-20T	High power repeater with transformer, 20 minute check in

Other Infrastructure

System Tools

Part Number	Description
EN1223SK	Survey pendant
EN4016SK	Survey receiver
EN7017	Survey kit and app

Accessory Index

Part Number	Description
ACC1223D-25	E*1223D GRAY HOUSING 25PK
ACC1223S-25	E*1223S WHITE HOUSING 25PK
ACC520-25	EN1235S/SF-1 BUTTON COVER-25PK
ACC521-25	EN1235D/DF/36D/38D-2 BUTTON COVER-25PK
ACC522-25	EN1235S/D/36D/38D-BASE HSG-25PK
ACC523-25	EN1235SF/DF-BASE HOUSING-25PK
ACC524-25	EN1224/ON-HOUSING KIT-25PK
ACC525-25	EN1233/35S-1 BTN-KPD-W/LT PIPE-25PK
ACC526-25	EN1233/35D-2 BTN-KPD-W/LT PIPE-25PK
ACC530-25	MAGNET-DOOR/WINDOW-WHITE-25PK
ACC531-5000	TAMPER SPRING-5000PK
ACC532-100	TERMINAL BLOCK-2 INPUT-100PK
ACC551	Big Green Battery Recycling Box
ACC603M	Metal Necklace
ACC603P	Plastic Necklace
ACC605-BK10	Pendant Belt Clip Replacement, 10Pk
ACC610	14VAC/20VA Transformer
ACC612	AC/DC Power Supply - RDL8500
ACC620	Programming Cable
ACC623A	Accessory Pack for E*1223 Pendant
ACC623B	Accessory Pack Black for E*1223 Pendant
ACC624BG-50	E*1223D GRAY BELT-CLIP 50PK
ACC624BW-50	E*1223S WHITE BELT-CLIP 50PK
ACC624NG-50	E*1223D GRAY NECK-CLIP 50PK
ACC624NW-50	E*1223S WHITE NECK-CLIP 50PK
ACC625-50	E*1223S RESET BUTTON & SEAL 50PK
ACC626-50	E*1223D RESET BUTTON/SEAL 50PK
ACC627-200	E*1223S HOUSING SCREWS SILVER 200PK
ACC628-200	E*1223D HOUSING SCREWS BLACK 200PK
ACC631	Continuous Alarm Trigger Module
ACC643	Serial/Power Cable
ACC647	Serial Cable for TW
ACC650	Repeater Outdoor Housing Encloser
ACC653	RF Gateway Serial and Power Cable
ACC665	Wall/Ceiling Mount Bracket
ACC667	Filter-White Light-E*1261
ACC668	Lens-Long Range-E*1261
ACC669	High Ceiling Lens for EN1265 PIR
ACC672CT	Curtain Lens-EN1260 PIR
ACC672LR	Long Range Lens-EN1260 PIR
ACC672PA	Pet Alley Lens-EN1260 PIR
ACC680-BU	Alarm Clearance Cards for EN1221S-60-Bulk 10
ACC681-BU	Neck Lanyards for EN1221S-60N - Bulk 10
ACC682-BU	Wristbands for EN1221S-60W - Bulk 10
ACC683-BU	Belt Loop Kits for EN1221S-60N - Bulk 10
ACC684-BU	Battery Doors for EN1221S-60 - Bulk 10
ACC710	Temperature/Humidity Probe
ACC8500	RDL8500 TapWatch.com Upgrade USB

Replacement Battery Index

Part Number

BAT601B	Box of four 4.5V Replacement Battery
BAT604	3.0V Lith Batt (Duracell)
BAT604-400	3.0V Replacement Battery-Panasonic
BAT604-50	3.0V Lith D- multiples 50
BAT607	3.0 V Lithium Replacement Battery
BAT608	3.0 Lithium Replacement Battery
BAT609	3.0V Lithium Coin Cell
BAT610	Replacement Battery 3.0V,2.2AH, High Traffic
BAT850	Replacement Battery, EE/EN5040

UL Standards & Descriptions

Part Number

UL 217
UL 365
UL 634
UL 636
UL 639
UL 1023
UL 1076
UL 1610
UL 2075
UL 2560
cUL
ULC / ORD-C634-86
ULC/ ORD-C1023-74
ULC-S306-03
ULC/ORD-C1076

Certifications

Single & Multiple Station Smoke Alarms
Police Station Connected Burglar Alarm Units & Systems
Connectors & Switches for Use w/Burglar Alarm Systems
Holdup Alarm Units & Systems
Intrusion - Detection Units
Household Burglar Alarm Units
Proprietary Burglar Alarm Units & Systems
Central Station Burglar Alarm Units
Gas and Vapor Detectors and Sensors
Emergency Call Systems for Assisted Living and Independent Living Facilities
Certified for Canada
Connectors & Switches for Use w/Burglar Alarm Systems for Canada
Household Burglar Alarm Units for Canada
Intrusion - Detection Units for Canada
Proprietary Burglar Alarm Units & Systems for Canada

Inovonics UL Certifications - by Product Number

Part Number	Certifications
EN1215EOL	UL365, UL1023, UL1076, UL1610, cUL
EN1215WEOL	UL365, UL634, UL1023, UL1076, UL1610, cUL, ULC/ORD-C634-86
EN1221S-60N	UL2560
EN1221S-60W	UL2560
EN1223D	UL1023, cUL
EN1223S-60	UL2560
EN1235DF	UL365, UL636, UL1076, UL1610
EN1235SF	UL365, UL636, UL1076, UL1610
EN1242	UL217
EN1244	UL268
EN1245	UL2075, UL2560
EN1249	UL365, UL636, UL1076, UL1610
EN1261HT	UL365, UL369, UL1023, UL1076, UL1610, cUL
EN1342-60	UL2560
EN1941	UL639, UL1076, UL1610, cUL, ULC-S306-03, ULC/ORD-C1076
EN1941XS	UL2560
EN1941-60	UL2560
EN4200	UL365, UL636, UL985, UL1023, UL1076, UL1610, cUL
EN4204R	UL365, UL636, UL985, UL1023, UL1076, UL1610, cUL, ULC/ORD-C1023-74
EN4216MR	UL365, UL636, UL985, UL1023, UL1076, UL1610, cUL
EN4232MR	UL365, UL636, UL985, UL1023, UL1076, UL1610, cUL
EN5040-T	UL985, UL2560
EN5040-20T	UL2560
EN6040-T	UL2560
EN7290	UL365, UL609, UL1023, UL1076, UL1610, ULC/ORD-C1023-74

Inovonics UL Certifications - by UL Number

UL Number	Part Number
UL 217	EN1242
UL 365	EN1215EOL, EN1215WEOL, EN1235DF, EN1235SF, EN1249, EN1261HT, EN4216MR, EN4232MR, EN5040-T, EN7290, EN4200
UL 609	EN7290
UL 634	EN1215WEOL
UL 636	EN1235DF, EN1235SF, EN1249, EN4216MR, EN4232MR, EN5040-T, EN4200
UL 639	EN1261HT, EN1941
UL 1023	EN1215EOL, EN1215WEOL, EN1223D, EN1261HT, EN4216MR, EN4232MR, EN5040-T, EN7290, EN4200
UL 1076	EN1215EOL, EN1215WEOL, EN1235DF, EN1235SF, EN1249, EN1261HT, EN4216MR, EN4232MR, EN5040-T, EN7290, EN4200, EN1941
UL 1610	EN1215EOL, EN1215WEOL, EN1235DF, EN1235SF, EN1249, EN1261HT, EN4216MR, EN4232MR, EN5040-T, EN7290, EN4200, EN1941
UL 2075	EN1245
UL 2560	EN1221S-60N, EN1221S-60W, EN1223S-60, EN1245, EN1342-60, EN5040-20T, EN6040-T, EN1941XS, EN1941-60
cUL	EN1215EOL, EN1215WEOL, EN1223D, EN1261HT, EN4216MR, EN4232MR, EN5040-T, EN4200, EN1941
ULC / ORD-C634-86	EN1215WEOL
ULC/ ORD-C1023-74	EN1215EOL, EN1215WEOL, EN1223D, EN1261HT, EN4216MR, EN4232MR, EN5040-T, EN7290, EN4200
ULC-S306-03	EN1261HT, EN1941
ULC/ORD-C1076	EN1941

