inovonics®

PACTechnika

Aged Care

Your Wireless FUSION Infrastructure Partner

For nearly 20 years, Inovonics has provided the best-selling wireless pendants and network infrastructure to help FUSION system providers deliver effective and innovative solutions for aged care communities.

Our proven, UL 2560 certified EchoStream® network is reliable, flexible and scalable, providing complete campus coverage, enhancing resident satisfaction, improving staff productivity and ensuring that your FUSION system provides timely responses to resident needs across an entire campus.

Collaboration That Delivers Results

As partners, we collaborate in the delivery of an effective wireless FUSION system that enhances resident safety and satisfaction and improves staff productivity.

- Inovonics provides network infrastructure that delivers alarm and other event information to your application software.
- You design, integrate, install and support the FUSION system which intelligently interprets wireless alerts and notifies staff, helping to ensure a timely response.

Inovonics

Wireless Transmitters
Send Wireless Alerts

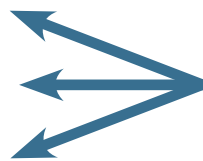**Repeater Network**
Extends Area Coverage

Area Control Gateway or Network Coordinator
Relays Alerts to Application Software

FUSION System Partner

Notification Methods

FUSION Appliances

Inovonics Wireless FUSION Infrastructure Benefits

Community Operator Benefits

UL 2560 Certification

Inovonics UL 2560* component certification ensures:

- 99.99% alarm message delivery**.
- Timely identification of missing devices.
- Reliable device performance: tested for water exposure, impact, drop and durability.

Alarm Location for Faster Response Times

Knowing the location of an alarm can help reduce caregiver response times

- The EN6080 area control gateway offers an on-board algorithm that sends area level alarm location information to the application software over an IP connection.
- FUSION providers can develop their own alarm location algorithms using serial data sent through the EN6040 network coordinator.

FUSION Provider Benefits

System Reliability

- Patented EchoStream technology avoids RF interference obstacles inherent to commercial properties.
- Our secure and dedicated network is removed from common faults and down times associated with shared wireless networks.

Scalability and Flexibility

EchoStream wireless technology is flexible and scalable to cover large multi-building campuses. Simply add transmitters and repeaters as needed to extend coverage to parking facilities, court yards, walking trails, etc.

Installer Benefits

Simplicity

Wireless technology reduces set-up time compared to wired solutions.

Ease of Maintenance

Proven performance means less system maintenance and fewer service calls.

World Class Technical Support

Free, unlimited access to our experienced Inovonics technical services team for integration, ongoing support and troubleshooting.

*FUSION system providers must achieve system certification from a nationally recognized testing laboratory to claim compliance with UL 2560, The Standard for Safety for Assisted Living and Independent Living Facilities. Applicable to the United States and Canada only.

**Requires the use of repeaters with check-in times of 20 minutes and transmitters with check-in times of ≥60 minutes.

UL 2560 Certified Fundamental Devices

Part of the minimum fundamental configuration of a UL 2560 FUSION system* as defined in the standard

Area Control Gateway

The **EN6080** area control gateway enables IP integration of the EchoStream network to the aged care head end in directed network systems. Browser-based configuration simplifies the set-up process, and the optional location algorithm sends location data with alarms.

Network Coordinator

The **EN6040-T** network coordinator manages signals between end devices, repeaters and the application controller in EchoStream directed network systems.

High Power Repeater

The high power repeater **EN5040** amplifies transmissions from any transmitter. Multiple repeaters can be used to provide campuswide coverage.

Weatherproof Enclosure
ACC650

One-Way RF Modules for Pullcord Stations

The **EN1941-60** one-way binary RF module integrates into pullcord stations allowing them to send wireless signals through the network.

One-Way Binary
EN1941-60

One-Way Serial Data
EN1941XS

Waterproof Pendant with Neck Lanyard

Small, light and waterproof. Bright lights for alarm activation, alarm clearance and low battery. Vibrates to confirm alarm activation. Includes adjustable lanyard with breakaway feature.
Neck Lanyard Pendant
EN1221S-60ANBU (AU)
EN1221S-60ZNBU (NZ)

Available in 50 pack bulk configuration only in Australia and New Zealand

Waterproof Pendant with Wristband

Small, light and waterproof. Bright lights for alarm activation, alarm clearance and low battery. Vibrates to confirm alarm activation. Includes 16mm silicone wristband with adjustable buckle closure.

Wristband Pendant
EN1221S-60AWBU (AU)
EN1221S-60ZWBU (NZ)

Available in 10 pack bulk configuration only in Australia and New Zealand

Single Button Pendant

Water-resistant pendant with single button press and hold activation. Includes plastic neck chain and belt clip.

Single Button
EN1223S-60

Wrist straps
ACC623S - Small
ACC623L - Large

UL 2560 Supplemental Devices

May be included in the FUSION system, but do not affect the fundamental operation of the system

Universal Transmitters

Universal transmitters can be used with any standard N/O or N/C sensor and include a case tamper switch. One hour and four hour check-in interval versions are available.
Universal Transmitter
EN1210-60

Universal Transmitter
EN1210-240

Universal Transmitter with Reed Switch

Universal transmitters can be used with any standard N/O or N/C sensor and include a case tamper switch. The **EN1210W-60** is designed for door/window use and requires use of included magnet.

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
EN1212-60

Two-Way RF Module

The **E3942XS** two-way serial data RF module can be integrated into various remote application controller devices including dome light controllers.

Two-Way Serial Data
EN3942XS

Activity Sensor

The **EN1241-60** activity sensor is designed specifically for residential and aged care environments where a notification of daily activity is necessary.

Selectable fixed intervals of two, four, or six hours are used to minimize wireless traffic in large installations, while confirming daily resident activity.

Wireless CO Detector

The **EN1245-60** features an onboard sounder, a CO sensor, LED indicators and local test capability to allow the user total visibility of its functionality.

*FUSION system providers must achieve system certification from a nationally recognized testing laboratory to claim compliance with UL 2560, The Standard for Safety for Assisted Living and Independent Living Facilities.

Non-UL 2560 Components

Transmitters and repeaters shown here feature a three minute check-in interval and are therefore not allowed for use in UL 2560 installations.

RF Modules

RF modules can be integrated into a device for applications such as call notification and any switch or alarm condition.

One-Way Binary
EN1941

One-Way Serial Data
EN1941XS

Two-Way Serial Data
EN3942XS

Single Button Pendant

Water-resistant pendant with single button press and hold activation. Includes plastic neck chain and belt clip.

Single Button
EN1223S

Wrist straps
ACC623S - Small
ACC623L - Large

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**

Three Condition Pendant Transmitter

Multiple condition pendants require the use of a multi-condition receiver and application designed to support advanced functionality.

Three Condition **EN1236D**

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 Universal Transmitter

The **EN1252** long range dual input universal transmitter provides five times the power of a standard Inovonics universal transmitter allowing for use in remotely located buildings.

Long Range Dual Input Universal Transmitter
EN1252

Smoke Detector

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

Wireless CO Detector

The **EN1245-60** features an onboard sounder, a CO sensor, LED indicators and local test capability to allow the user total visibility of its functionality.

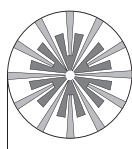## 360° Ceiling Mount Motion Detector

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

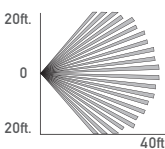65.6ft.

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.
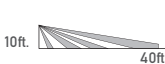
Motion Detector with Pet Immunity Coverage

Top View

20ft.
0
20ft.
40ft.

Side View
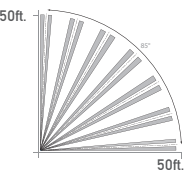
10ft.
40ft.

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.

50ft.

Side View

7.9ft.

50ft.

Wall Mount Motion Detector

The **EN1260** features digital signal processing that recognizes human signatures to reduce false alarms.
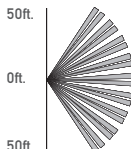
Curtain Lens Kit
ACC672CT

Long Range Lens Kit (99ft)
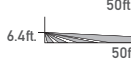**ACC672LR**

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

Universal Serial Receiver

The **EN4000** universal serial receiver is a wireless gateway between EchoStream one-way transmitters and a software application using an RS-232 serial interface.

High Power Repeater

The high power repeater amplifies transmissions from any transmitter. Multiple repeaters can be used to provide campus wide coverage.

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 Andriod and iOs devices.

GET IT ON Google Play

Download on the App Store