



## EE5000 - High power repeater

This sophisticated line-powered 868MHz repeater receives, decodes, and re-transmits signals from Inovonics EchoStream® transmitters. The EE5000 acts as a range expander for any Inovonics EchoStream transmission that it hears, allowing the Inovonics installation to scale from smaller commercial sites to large campuses with several buildings. It includes an on-board, state of the art, lithium-ion battery. For applications that require protection for the EE5000 from environmental elements, it may be placed in an outdoor weatherproof enclosure (ACC640).

## Why Inovonics Wireless is Best

The Inovonics Commercial Mesh Network has been specifically developed for commercial applications to provide the most cost-effective solution for a wide range of applications, while setting new standards for performance and reliability in a wireless sensor network.

### Reliability

Inovonics EchoStream 868MHz radio utilizes a unique multi-frequency, spread spectrum technology to meet the demands of an increasingly cluttered wireless world.

### Flexibility

The flexibility of wireless is a necessity in today's dynamic commercial environments. The self-configuring EchoStream Commercial Mesh Network allows you to adapt to changing floor plans and requirements in a matter of minutes. New sensors can be added to the network as fast as they can be mounted.

### Scalability

The EchoStream Commercial Mesh Network's backbone of intelligent repeaters can extend coverage to thousands of sensors across entire commercial campuses.

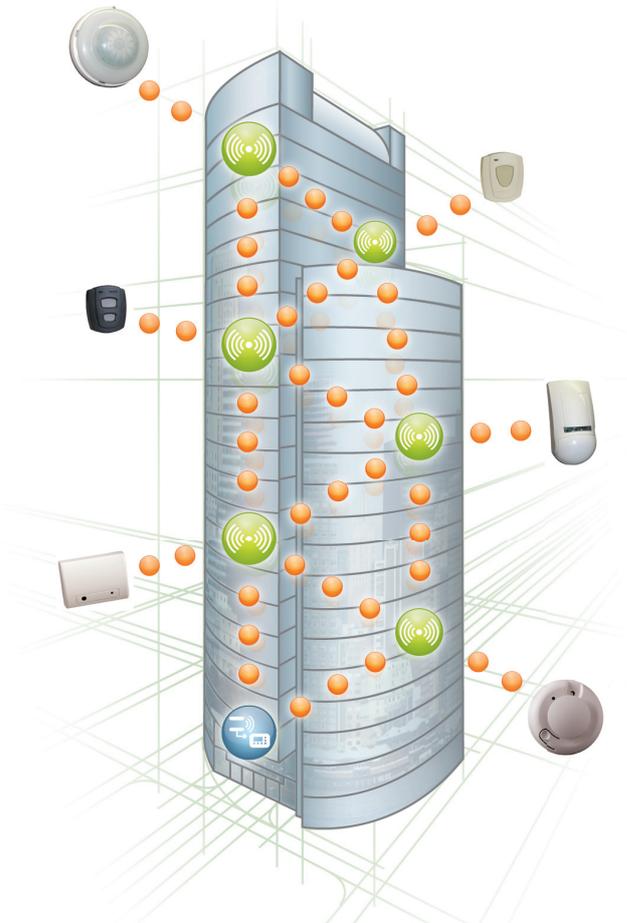
### EE5000 Specifications

Radio	Inovonics EchoStream 868MHz
Housing	
Material	ABS
Closure	Latching with optional screws for high security installs
Dimensions	162.0 x 91.4 x 27.9mm
Weight	204g
Power requirements	12-16.5 VAC or VDC
Battery capacity	2450mAh @ 3.7V
Back-up battery life	Up to 24 hours (varies on repeater usage)
Operating environment	-20° to 60°C up to 90% relative humidity (non-condensing)
Battery charger operating environment	0° to 40°C

### Accessories

ACC640	Weatherproof plastic enclosure for outdoor installations
BAT850	Replacement lithium-ion battery assembly

### Repeater Network



The Inovonics transmitter sends out a signal.



Repeaters receive the signal and re-broadcast it, allowing you to extend the range of your RF system so you can cover large areas such as installations in campuses, sites with detached buildings, or multi-story complexes.



The receiver hears the signal from the repeaters and processes them accordingly.

EE5000 compliance: EN50131 Security Grade 2; EN50130 Environmental class II

Visit [www.inovonics.com](http://www.inovonics.com) for regulatory compliance information.

- 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.