

EN5000 Repeater

This sophisticated line-powered 900 MHz repeater receives, decodes, and re-transmits signals from Inovonics Wireless EchoStream[®] series transmitters. The EN5000 acts as a “range expander” for any Inovonics Wireless EchoStream transmission that it “hears”, allowing the Inovonics Wireless 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 EN5000 from environmental elements, it may be placed in an outdoor weatherproof enclosure (ACC640).

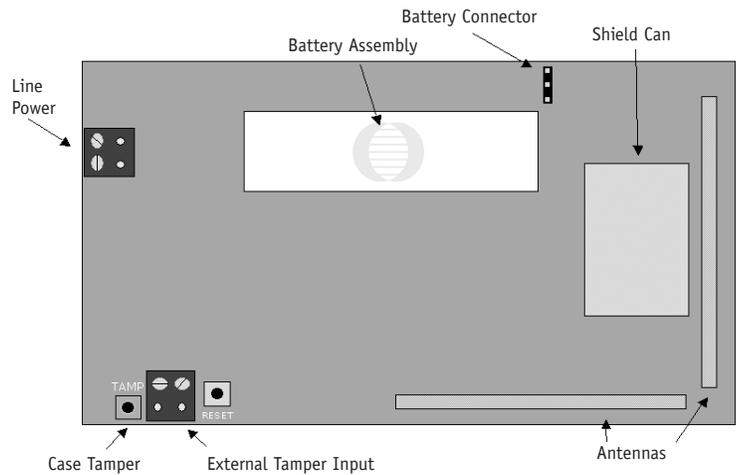
Advantages

- **Easy to install.** Just mount and plug in. No wires or programming required, though registration is required for a fully supervised system.
- **Reliable.** Supervises for low battery, loss of line power, case tamper, and jam detection (interference on all channels is greater than 30 seconds). Also includes an on-board lithium-ion battery, which:
 - Provides backup with no additional expense.
 - Offers up to 24 hours of continuous operation when line power is not available.
 - Reports loss of power when programmed/supervised to slave receiver.
- **Expandable.** Several “layers” of repeaters can be employed to provide coverage of large facilities, multi-story buildings, or sites with multiple buildings.
- **Efficient.** Incorporates sophisticated signal management, preventing “ping-pong” messages and maximizes reliability.



EN5000 Specifications

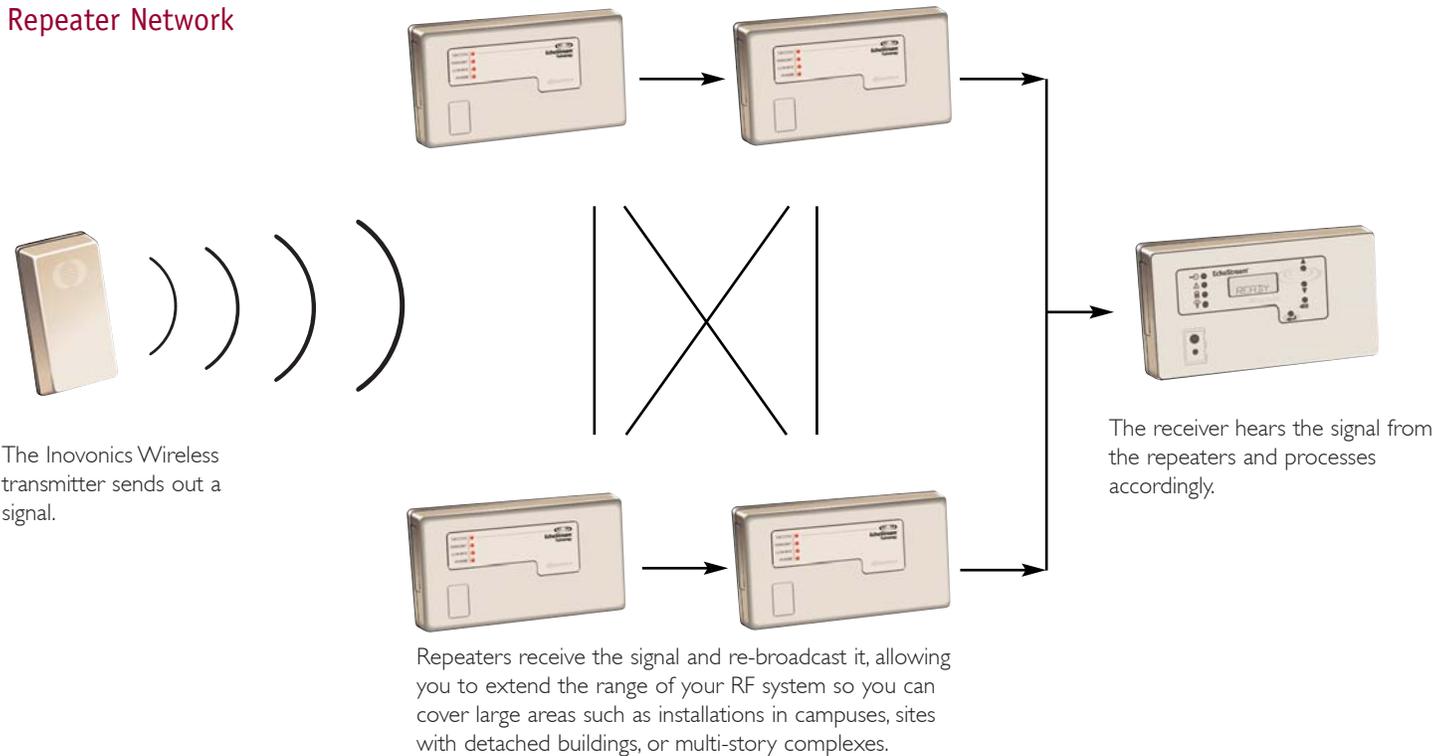
Radio	Inovonics Wireless EchoStream using 900 MHz
Housing	
Material	ABS
Closure	Latching with optional screws for high security installs
Dimensions	162.0 x 91.4 x 27.9 mm (6.38 x 3.60 x 1.10")
Weight	204 gm (7.2 oz)
Power requirements	14VAC
Battery capacity	1800mAH @ 3.7V
Back-up battery life	24 hours typical
Operating environment	0° - 60°C (32° - 140°F) up to 90% relative humidity (non-condensing)
Battery charger operating environment	0° - 40°C (32° - 104°F)
Conformity	Meets or exceeds BSI DD244 (Class VI)



Accessories

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

Repeater Network



ES - EchoStream Select, suitable for 868 & 900 MHz applications
 EE - EchoStream Eight-Six-Eight, 868 MHz applications only
 EN - EchoStream Nine-Hundred, 900 MHz applications only

CE 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.

