



## EN5040-20T High Power Repeater with Transformer

The EN5040-20T high power repeater with transformer decodes and re-transmits signals from Inovonics transmitters, acting as a range expander for any Inovonics EchoStream transmission that it hears. Several layers of repeaters can be employed to provide coverage of large facilities, multi-story buildings or sites with multiple buildings. It is a line-powered device, and includes an on-board lithium-ion battery for backup power. For applications that require protection from the environmental elements, the EN5040-20T may be placed in an outdoor weatherproof enclosure (ACC650).

### Product Features

Supervises for low battery, loss of line power, case tamper, back tamper and jam detection

Incorporates sophisticated signal management

Includes backup battery

Includes power transformer

Self configuring

Case tamper protection

### Product Specifications

Dimensions:	6.5" x 3.5" x 1"
Weight:	7.14 oz.
Power requirement:	14 VAC, 60Hz, 250 mA; transformer included
Battery capacity:	3.6 V, 2900 mAh
Typical back-up battery life:	24 hours
Accessories:	ACC650: weatherproof plastic enclosure for outdoor installations; BAT850: replacement lithium-ion battery assembly
Operating environment:	
Temperature:	32 to 140°F for UL installations (-4° to 140°F)
Humidity:	Up to 90% (non-condensing)
Market:	North America
EchoStream® frequency:	902-928 MHz, frequency hopping spread spectrum
Check-in time frequency:	20 minutes
Regulatory compliance:	FCC, RoHS, UL 2560 <sup>1</sup>

## Reference Materials (available at [www.inovonics.com](http://www.inovonics.com))

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### EN5040-20T EchoStream High Power Repeater Installation and Operation Manual

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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.
  - Patents: 7,154,866; 7,554,932; 7,746,804; others pending.
- <sup>1</sup> Partners must achieve emergency call system certification from a nationally recognized testing laboratory to claim compliance with UL 2560.