Datasheet

EN5040-T High Power Repeater with Transformer



The EN5040-T high power repeater with transformer intelligently amplifies transmission from any EchoStream series transmitter while ignoring background noise. The repeater is perfect for large facilities such as multi-floor buildings, multi-building sites, shopping malls, campuses and other open-air installations. Virtually any number of repeaters can be added to a system, scaling the system size as needed.

Product Features

- Supervises for low battery, loss of line power, case tamper, back tamper and jam detection
- Incorporates sophisticated signal management
- Includes backup battery
- No wires or programming needed
- Self configuring
- Case tamper protection

Product Specifications

Dimensions:	6.5" x 3.6" x 1.1" (165 mm x 91 mm x 28 mm)
Weight:	7.14 oz (202 g)
Power requirement:	14 VAC, 60 Hz, 250 mA
Battery capacity:	3.6V, 3250 mAh
Typical back-up battery life:	24 hours
Accessories:	ACC650: weatherproof plastic enclosure for outdoor installations; BAT851: replacement lithium-ion battery assembly
Operating environment:	
Temperature:	All UL installations: 32 to 140°F (0 to 60°C); all other installations: -4 to 140°F (-20 to 60°C)
Environment:	Up to 90% (non-condensing)
Market:	North America, Australia, New Zealand
EchoStream® frequency:	902-928 MHz, frequency hopping spread spectrum
Check-in time frequency:	3 minutes
Regulatory compliance:	Security Level 1 CAN/ULC S304:2016, UL 985, UL 1023, UL 2610

Reference Materials (available at www.inovonics.com)

EN5040/EN5040-T/EN5040-20T High Power Repeater with Transformer Installation and Operation Manual

EchoStream Developer Guide

Inovonics Product Catalog: North America

- 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.
- Inovonics supports recycling and reuse whenever possible. Please recycle these parts using a certified electronics recycler.

Technical documents

For technical documents visit us at http://www.inovonics.com/support/tech-documents/ or use the QR code below.

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