

ZENNER Stealth Battery Enhanced Repeater High Speed Range Extender

Add a High Speed Backbone to your Water Fixed Network to extend its range.

Simple

- Automatically discovers and joins network
- Endpoint meters automatically discover repeater
- Graphical installation software
- Integrated GPS
- Local programming via USB or wireless tablet
- OTA (Over-the-Air) firmware updates

Secure

- Mesh: 128-bit symmetric-key encryption
- Management: Password protected
- Physical: Intrusion detection/reporting

Rugged

- IP67 Waterproof
- Operating temperature: -40°C to +85°C
- Hinged heavy Polymer plastic housing
- 4 cell Lithium Chloride Batteries
- DC/Solar power options

Reliable

- Easy to replace batteries
- Redundant configurations with fail-over
- Automatic battery monitoring and maintenance
- Hot swappable batteries



Specifications

Repeater		
Dual Function	Range Extender	<ul style="list-style-type: none"> High transmit power and high-gain antennas bridge gaps between sections of a mesh. (e.g. across lakes, on peaks between valleys)
	High Speed Backbone	<ul style="list-style-type: none"> Battery Enhanced Repeaters make a "fast-lane" for data in your water/gas fixed networks
Installation	Controls Location Indicators	<ul style="list-style-type: none"> Menu buttons for common actions GPS receiver auto-detects and reports location Status confirm successful installation
User Interface	USB RF Network	<ul style="list-style-type: none"> Graphical User Interface Remote and local management

General	
Power Requirements	<ul style="list-style-type: none"> 4 Lithium Chloride Batteries
Frequency Requirements	<ul style="list-style-type: none"> FCC Licensing: Exempt under Part 15
4 D Cell Batteries	<ul style="list-style-type: none"> Maintains full operation for up to 5 years
Enclosure	<ul style="list-style-type: none"> IP67 Rated Polymer Plastic
Physical Size	<ul style="list-style-type: none"> 9"H x 8"W x 4"D
Mounting	<ul style="list-style-type: none"> Pole or Wall Mount
Environmental	<ul style="list-style-type: none"> -40°C to +85°C
Weight	<ul style="list-style-type: none"> 2.7 Pounds (Not including the Antenna)

Radio	
Frequency	<ul style="list-style-type: none"> 902 MHz to 928 MHz license free ISM band
Spread Spectrum	<ul style="list-style-type: none"> Frequency Hopping
Transmit Power	<ul style="list-style-type: none"> 27 dBm
Receiver Sensitivity	<ul style="list-style-type: none"> -112 dBm
Encryption	<ul style="list-style-type: none"> 128 Bit Symmetric Key
Antenna	<ul style="list-style-type: none"> Up to 8dBi — N-type Connector