FORTERRA

GOTENNA

EdgeRelay® FLEX

Technical Specification Sheet - v01.202601

The EdgeRelay® family provides the mission-critical foundation for wide-area and extended duration goTenna mesh coverage in the world's most austere environments. Offering a dual-radio configuration, FLEX allows for relay and coverage augmentation for two different mesh networks. Utilizing both solar input and integrated AC charging, EdgeRelay FLEX can run from AC mains (shore) or DC solar sources or simultaneous AC/DC power for diversity operation.

The EdgeRelay® FLEX comes in a Flight-Ready form factor, with a battery architecture designed to simplify logistics and deployment. The EdgeRelay FLEX's internal 97 Watt Hour Lithium Ion battery eliminates IATA (International Air Transport Association) HAZMAT shipping constraints, enabling rapid global deployment via air transport shipping or as a carry-on device, allowing for faster deployment. Made in USA.

For inquiries please contact prosales@goTenna.com



EdgeRelay FLEX Properties	Property Values
Dimensions (in / cm)	10.89" x 13.92" x 6.89" / 27.66cm x 35.36cm x 17.50cm
Weight (lbs / kg)	15 lbs (~6.8 Kg)
Integrated Battery Capacity	97 Watt Hour Lithium Ion
Mounting Features	Included Pole Mounting Kit with Anti-theft features. Available accessories for hollow wall, concrete and tripod mounting surfaces.
Intrusion Characteristics (IP Rating)	IP65
Power Input (DC Solar, AC, Dual)	Either 19-60 VDC Solar (200 W Max) or 110-240V AC Simultaneous operations though dual-power cable accessory.
RF Operational Band(s)	VHF: 142 to 175 MHz (FCC Part 90) UHF: 406-450 NTIA (JF-12) / 445-480 MHz (FCC Part 90)
RF Output	Qty 2 N-Type RF antenna connectors. Flexible Dipole antennas included.
Data / Control Interfaces	Micro-USB and Bluetooth (BLE)
Operating Temperatures	Max 60°C / Min -20°C
Safety Compliance	UN38.3
Solar Charging Option	Available 50 Watt Solar Panel, cables assembly and mounting accessories.