



Spectrum Datasheet

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Scout Spectrum

Features

- IP67 or IP68 waterproof ratings
- Onboard geofencing available
- 32-bit ARM® Cortex®-M4 processor
- Hardwire capable
- Mount capable
- Secure & encrypted data transfer
- GPS location & accelerometer data transmitted by cellular
- Wideband 4G & 5G/LTE antenna for worldwide cellular connectivity
- Over-the-Air capability for automatic firmware/feature updates



Spectrum Specifications

Dimensions	109.22 mm x 60.96 mm x 15.24 mm
Weight	77g
Battery	Lithium-Polymer (LiPo) rechargeable. 3.7V
Battery Capacity	1300mAh
Sensors	Accelerometer
Data transmission	4G & 5G/Cat-M1 IoT cellular
Firmware Update	Over cellular
Operating Temperature	-20C to +60C
Care Material	ABS

Capabilities

- 24/7 cellular connectivity to Internet
- Data transmission from nearby Bluetooth sensors
- Highly accurate GPS location, speed & direction of travel
- Recording/reporting any movement, shock, drop or tilt
- Alerting via app upon tampering or movement
- Precise geofence zones
- Zone-crossing alerts for user-established geo-fenced zones
- Accurate “turn-by-turn” location tracking
- Recording of location, movement history, and historical Bluetooth data
- Google IoT; customizable iOS & Android mobile apps and Desktop web-app

App/Database

- Multi-unit/multi-manager/multi-location fleet tracking capabilities
- Mobile apps in iOS, Android & Desktop web-app customizable to application
- Secure data transmission to customer host servers or via API

Power Consumption

- 36 to 96+ hours post power-source disconnect (user-set based on update rate)
- Charging port for connection to external power or battery
- Customizable to all fleets, power sources & size configurations
- Battery life up to 12+ months in custom applications needing less frequent updates



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