

Bolt2 Specs

Connectivity

LTE-M Nordic nRF9160 Modem operates LTE-M bands

SIM Size & Access Internal Nano 4FF SIM

Location

GNSS Module UBLOX EVA-M8Q with TCXO Constellation: Concurrent GPS / GLONASS / Galileo

Tracking Sensitivity -167dBm industry-leading tracking performance

Location Accuracy ~2.0m CEP, 50%, 24 hours static, GPS, SBAS, -130dBm, > 6SVs

Cell Tower Location Cell tower location fallback for positioning when GPS can't get a fix

Power

Input Voltage 8-36V DC (max). OBDII connector draws power from vehicle's OBD port

Self-Resetting Fuse Built-in self-resetting fuse makes installation simple and safe. Stringent automotive power "load dump" tests are conducted to ensure operation in the harshest electrical systems

Backup Battery 200mAh LiPo internal backup battery pack

Mechanics / Design

Dimensions 71 x 46 x 24 mm (2.8 x 1.81 x 0.94")

Weight 48 g (1.69 oz)

Housing ABS Polycarbonate Plastic. Non-branded housing for optional white-labeling

Installation OBDII standard connector draws power from the OBDII port to operate

Operating Temperature -30°C to +60°C

GPS Antenna Internal

Cellular Antenna Internal

RF Antenna Internal

3-Axis Accelerometer 3-Axis Accelerometer to detect movement, high G-force events, and more

Diagnostic LED Diagnostic LED indicates operation status

Flash Memory Store weeks of records if device is out of cellular coverage. Storage capacity for over 10 days of continuous 30-second logging

Device Management

Flexible Configuration Configure device parameters such as position update rate, movement and accelerometer settings, and more to fit any tracking application

Device Management Platform Manage, monitor, configure, debug, update, and restart devices remotely from our cloud-based device management system

Integration

Third-Party Integration TCP Direct or HTTPS Webhook Integration

Security

Data Security Military-level AES-256 Encryption from device to OEM Server to protect the integrity and confidentiality of telematics data. Data forwarded to third-party systems is sent via HTTPS for end-to-end security.

Warranty

Manufacturer's Warranty Two-year manufacturer's warranty