

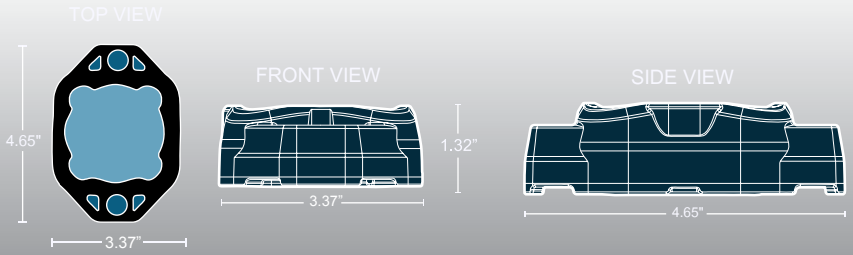
PHYSICAL

Dimensions: **4.65" L x 3.37" W x 1.32" H**
 (118mm x 86mm x 34mm)

Weight: **1.80 lbs (0.82 kilograms)**

Housing: **Metallic**

Protection: **Outdoor Rated Plastic with Heavy Duty Stainless Steel Mounting Bezel**



REPORTING MODES & OPTIONS

- Scheduled / Interval Reporting
- Time Interval Based Reporting
- GPS Based Motion Reporting

DEVICE ID/INTERFACES

- 1D Bar Code - Unique ESN ID
- QR Code - Unique ID, Device URL
- Bluetooth Beacon ID for Mobile Field Tools



ENVIRONMENTAL STANDARDS

- Operating Temperature: **-40°F to 185°F (-40°C to 85°C)**
- Storage Temperature: **90°F (32°C) MAX for best results**
- Ingress Protection: **IP68 per IEC 60529 to 160ft (50 meters) / IP69K per DIN 40050-9**
- Immersion: **MIL-STD-810G: 512.5 to 160ft (50 meters)**
- Salt Fog Exposure: **MIL-STD-810G:509.5, to 1000 hours**
- Acidic Atmosphere Exposure: **ASTM D543-95, MIL-STD-810G: 518.2**
- Operational Vibration: **MIL-STD-810G: 514.7, to 7.5 Grms Random (5Hz – 2000Hz)**
- Mechanical Shock: **MIL-STD-810G: 516.7 to 300Gpk**
- Reliability: **IPC9592a**
- RoHS2/WEEE

66LW6B556FK6DLE6W6R6V6SS6FK6W6H6R6W6L6V6H6G

CERTIFICATIONS



- ATEX:** EN 60079-0, 60079-11, CE0359 II, 1 G Ex ia IIC T4 Ga, -40°C Ta 64°C, IP68
- IECEx:** IEC 60079-0,60079-11, Ex ia IIC T4 Ga, -40°C Ta 64°C
- OSHA Hazardous Location Classification:** Class I: Division 1 Gas Groups A-D T4, Class I: Zone 0 | AEx ia IIC T4 Ga
- USA Hazardous Location Safety:** UL 60079-0, UL 60079-11, UL 913
- Canada Hazardous Location Safety:** CSA 22.2 No. 60079-0,11, No. 157-92
- FCC Part 15/25 Industry Canada, Rss210/ECES-003, CE R&TTE Directive 1999/5/EC (EU/ETSI), Brazil ANATEL, AUS/NZ RCM-CISPE22

SATELLITE NETWORK

- Protocol: **Globalstar Simplex**
- Frequency: **1611.25 MHz to 1618.75 MHz**
- Max Transmit Power: **23 dBm EIRP (200 milliwatts)**
- Max Transmit Time: **1500 milliseconds**

BATTERY LIFE

Configuration	Estimated Range
1 transmit per 3 days	6 to 9 years
1 transmit per day	5 to 8 years
2 transmits per day	3 to 6 years
4 transmits per day	2 to 4 years
6 transmits per day	1.5 to 2.5 years

6HUR6H6L6H6L666D6LE6V6H6R6B6SH6UD6C6R6B6L6R6V6