

PHYSICAL

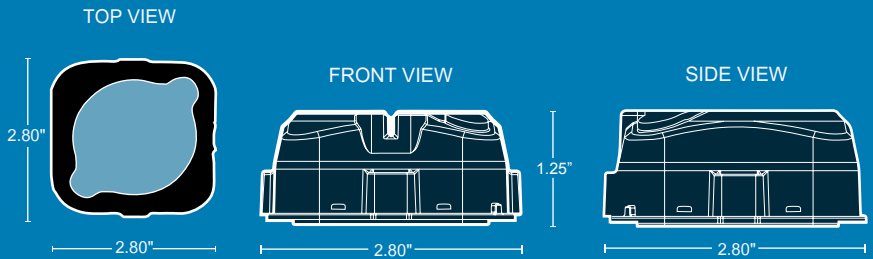
Dimensions: **2.80" L x 2.80" W x 1.25" H**
(71mm x 71mm x 32mm)

Weight: **0.44 lbs (0.20 kilograms)**

With Optional Metal Mounting Bezel:

Dimensions: **4.65" L x 3.37" W x 1.32" H**
(188mm x 86mm x 34mm)

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



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

Additional qualifications apply but are not listed

CERTIFICATIONS

FCC: **Part 15, Part 25**

Industry Canada (IC): **RSS-210, 247, ICES-003 Class B**

EU: **R&TTE Directive 1999/5/EC**

Brazil: **ANATEL Resolucao N° 506 e Resolucao N° 442**

Australia/New Zealand: **RCM - CISPR22**

Mexico: **IFITEL, NOM121**

CB Ordinary Locations Classification: **IEC/EN 60950-1, EIC/EN 60950-22, CAN / CSA C22.2 N° 60950-1-03, N°. 60950-22-03**

OSHA Ordinary Locations Safety: **ANSI / UL 60950-1, 60950-22**

SATELLITE NETWORK



Protocol: **Globalstar Simplex**

Frequency: **1611.25 MHz to 1618.75 MHz**

Maximum Transmit Power: **23 dBm EIRP (200 milliwatts)**

Maximum 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

Service life will vary based on operating conditions