

Specifications

Mechanical

Dimensions :	4.32" L x 2.32" W x 0.87" D (110 mm x 59 mm x 22 mm)
Weight:	~9.4 ounces (266.5 grams)
I/O Interface:	USB-micro-B
Cooling:	Convection
Enclosure:	Hard-Anodized Aluminum (EMI shielded)

Electrical

Input Voltage Range:	2.7VDC to 5.5VDC
Battery:	3.6A-Hr rechargeable Lithium Ion
Battery Life (GNSS):	1500 reports
Battery Life (SAASM):	600 Reports

Iridium Transceiver

Operating Frequency:	1616 to 1626.5 MHz
Link Margin Downlink:	13 dB average
Link Margin Uplink:	7 dB average
Average Power Transmission:	1.0 W

GPS Receiver

Receiver Type:	1575.42 MHz (L1), 72 channel, C/A code
Accuracy:	2.5 CEPm
Update Rate:	4 Hz
Start-up Times:	< 1 sec hot start, 29 sec warm start, and 29 sec cold start
Sensitivity:	-160 dBm

SAASM Receiver

Receiver Type:	L1/L2 MicroGRAM with C/A code and P(Y) code
PPS Accuracy:	<12 meters CEP
Encryption Keys:	Compatible with standard key fll devices

Environmental

Operating Temperature:	-40°F to +140°F (-20°C to +60°C)
Operating Humidity:	< 75% RH

Key Features:

- Body-worn tracker and messaging device