

# Sky



## Specifications

### Key Features

- Two-Way Voice and Wi-Fi
- Built-in 3-axis Accelerometer for Motion Sense
- Ultra Low Power sleep Mode
- Bluetooth Option
- Voltage Monitoring and Low Battery notification
- Waterproof (rated IP67) Enclosure



### Cellular

- Internal Cellular Antenna
- Data Support SMS, CDMA 1xRTT packet data
- Operating Bands (MHz): SMS, CDMA 1xRTT: 800/1900
- Transmitter Power CDMA 1xRTT:
  - CDMA BCO: Power class 3 (24.5dBm) for 1xRTT
  - CDMA BC1: Power class 2 (24.5dBm) for 1xRTT
- CDMA 1xRTT Data Rates 153.6Kbps upload/153.6Kbps download

### Location Technology

- 56 channel GPS (with SBAS)
- SBAS: WAAS
- Location Accuracy 2.0 meter CEP (with SBAS)
- Tracking Sensitivity - 162 dBm
- Acquisition Sensitivity -147dBm
- AGPS Capable
- Wi-Fi for indoor tracking

### Environmental

- Temperature  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  (operating);  $-40^{\circ}\text{C}$  to  $85^{\circ}\text{C}$  (storage)
- Humidity Up to 95%RH @  $50^{\circ}\text{C}$  non-condensing
- RoHS Compliant

### Electrical

- Operating Voltage 4.35V internal Battery
- Power Consumption
  - Typical 200 uA @ 4.2V (deep sleep)
  - Typical 35.1 mA @ 4.2V (SMS+UDP connection, GPS off)
  - Typical 105 mA @ 4.2V (continuous transmit)
- Ultra Low Power sleep Mode

### Physical

- Dimensions 74.2 x 42.1 x 21.2 mm
- Weight 65g
- Waterproof (rated IP67) Enclosure
- Battery Rechargeable Lithium-Ion 850mAh