



IQ102 Mobile Tracking Unit

Characteristics

Dimensions (L x W x H) 3.684 x 2.002 x 0.775 inches
Weight 2.4 oz

Radio Performance

Frequency (MHz) 850/1900

GSM Functionality

Data Support SMS, HSPA (3G/UDP)
HSPA Data Rates 5.6Mbps upload/7.2 Mbps download
Antenna Internal Antenna

GPS Functionality

Location Technology GPS; GLONASS and QZSS capable
Location Accuracy 2.0m CEP
Location Update Rate up to 10Hz (this means between 1 and 10 times per second)
Antenna Internal Antenna

Over-the-Air-Commands

Over the air unit configuration on power-up

SIM/LED

Sim Internal
LED GPS and Cellular

Environment

Operating -30°C to +75°C
Storage -40°C to +85°C
Humidity 95% RH @ 50°C non-condensing
Shock and Vibration US Military Standards 202G and 810F, SAE J1455

Power

Operating Voltage DC Voltage: 7 - 32 V
Power Consumption <3mA @ 12V (Deep Sleep)
<20mA @ 12V (Sleep on network)
<70mA @ 12V (Active Tracking)

Certifications

Fully certified FCC, CE, IC, PTCRB, Applicable Carriers

Key Features:

- Internal GSM and GPS antenna
- Super sensitive GPS (-162 dBm)
- Internal back-up 200mAh battery
- 3-axis accelerometer for motion sense and tilt
- 5 input and 3 output
- Low battery notification
- 20,000 buffered messages
- Automatic, over-the-air unit configuration on power-up
- Over-the-air firmware download