



## **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  
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