



IQ 201 Tracking Unit

Characteristics

Dimensions (L x W x H)	2.25 x 2.25 x 10.5" (55 x 55 x 260mm)
Weight	32 oz (907 g)
Housing	IP67 sealed and rugged enclosure

Radio Performance

Frequency (MHz)	850/900/1800/1900 MHz
Transmit Power	Class 4 (2W@900 MHz), Class 1 (1W@1800/1900 MHz)

GPS Functionality

Location Technology	50-channel GPS
Location Accuracy	2.0 meter CEP

SIM

Sim	Internal 1.8/3V SIM accessed via battery compartment
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Environment

Operating	-30°C to +75°C
Storage	-40°C to +85°C
Humidity	95%RH @ 50°C non-condensing
Shock and Vibration	U.S. Military Standards 202G and 810F, SAE J1455
EMC/EMI	SAE J1113; FCC-Part 15B; Industry Canada RoHS Compliant

Power

Battery Capacity	57 amp hour
Battery Operating Voltage	3.6 volts
Battery Technology	Lithium Field Replaceable Battery Pack

Certifications

Certifications	Fully certified FCC, CE, IC PTCRB, Applicable Carriers
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IQ 201 Tracking Unit Included basic unit, internal SIM card, and internal battery pack.

Key Features:

- **Up to 5 years depending on message cycle from fully charged battery**
- **57 Ah lithium field replaceable battery pack**
- **IP67 sealed and rugged enclosure**
- **Internal cellular and GPS antennas**
- **Super Sensitive GPS (-162 dBm tracking)**
- **Built-in 3-axis accelerometer for motion sense**
- **Ultra-low power sleep mode (<1mA)**
- **Over-The-Air unit configuration on Power-Up**