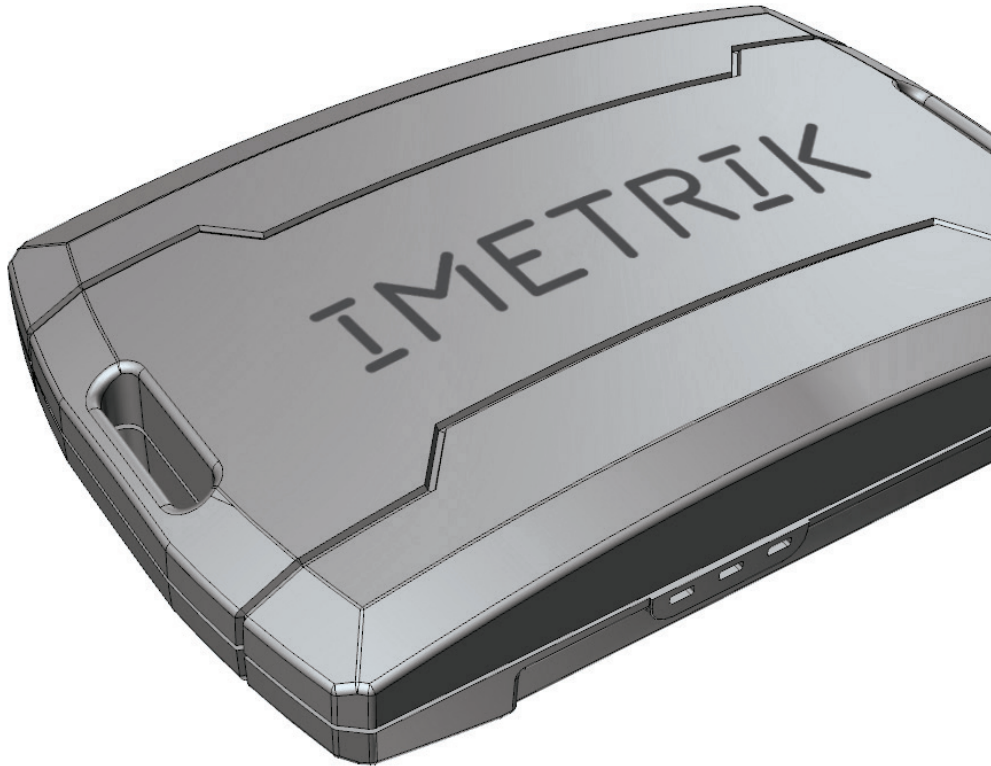


3.5G LOCATE / RECOVER-S

PRODUCT FEATURES

- Global Quad Band GSM/SMS/UMTS (850/900/1800/1900)
- Embedded SIM Chip
- Extremely Accurate Embedded GPS Chipset
- Over-the-Air Firmware Upgrade
- Payment Reminder (RECOVER-S only)
- Starter Disable (RECOVER-S only)
- Geofence Alert (up to 10)
- Daily Locate
- Sleep Mode (9mA)
- Odometer Reading

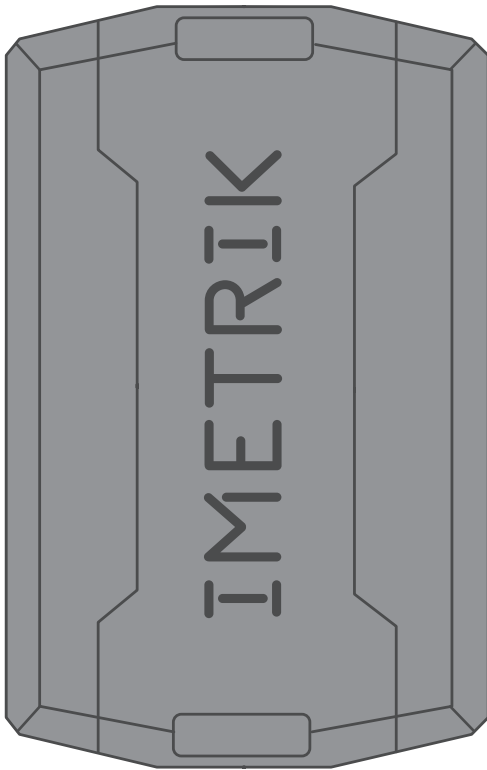


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SIMPLIFY THINGS

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3.5G LOCATE /
RECOVER-S



Real size device

Dimensions (mm)	92.5 x 60.3 x 18
Weight	58 grams

Certifications

PTCRB



Industry
Canada



KEY FEATURES:

GSM/UMTS General Specifications	<p>UMTS/HSPA+ (800/850,AWS1700,1900) Full quad band (EGSM850, EGSM900, DCS1800, PCS1900)</p> <p>Output power -Class4(2W,33dBm)@GSM850/900 -Class1(1W,30dBm)@GSM1800/1900 -Class3(0.25W,24dBm)@UMTS -ClassE2(0.5W,27dBm)@EDGE 850/900 -Class E2(0.4W,26dBm)@EDGE1800/1900</p> <p>Sensitivity -111dBm@UMTS -109dBm@GSM850/900Mhz -110dBm@DCS1800/PCS1900Mhz</p> <p>Embedded internet connectivity (TCP, FTP, UDP, SMTP, POP3)</p> <p>3V & 1.8V SIM support</p> <p>Very low power consumption (<1.5mA in Idle mode)</p> <p>Antenna: Internal Hexaband</p>
GPS General Specifications	<p>Software GPS Position accuracy < 5m (outdoor) Navigation update rate of 2 times per second (Max) Sensitivity of -158dBm (acquisition assisted) TTFF Hot Start: <1s (TBD) Cold Start: <38s (TBD) L1 band Antenna : Internal Patch 18mmx18mm</p>
Relay (RECOVER-S only)	Automotive 40amp external relay
Power Supply Unit	Operational voltage ranging from 4.5V to 18V Reverse polarity protection Load dump protection up to 100V
Application Processor	32 Bit ARM Cortex M3 Up to 72 MHz clock rate (Application runs at 32Mhz) 512 KB NOR Flash 64 KB SRAM
External Memory	Board EEPROM (1Kb) Application EEPROM (128Kb) SDRAM (1Mb) Flash (64Mb)
Accelerometer	3 axis ±2g/±4g/±8g capabilities 1000g high shock survivability 16 bit data representation
Main connector	3.3V TTL serial interface 1 general Input/Output (1 pin) (for relay control) 1 general Input (1 pin) (for relay sensing) Power Supply (2 pins)
Operating modes and power consumption	Standby mode: 9mA Normal mode: 48mA
Operating Temperature	-40°C to 85°C