

The SmartTrace 5000E Locator is a feature-rich wireless GPS locator device at the heart of the Quadrant Vehicle Services System for EDGE networks. Fleet managers can access the mapping and reporting capabilities of the Locators through the web-based Quadrant system.



Benefits - Experience the SmartTrace Difference

- Increase mobile workforce productivity
- Lower operating costs
- Improve the safety and security of mobile assets

Features - Get the SamTech Edge

Location Services on EDGE network

- GPS Tracking
- Geofencing
- Mapping
- Reporting
- In-vehicle Navigation

Communication Services (all are optional)

- Two-way Messaging (optional)
- Digital Forms (optional)
- MDT2000E (optional)

Internet Services

- Email
- Internet Access
- Enterprise Connectivity
- Maintenance Scheduling


Telemetry Services

- 2 digital inputs / 2 digital outputs
- Door Open/Close Sensor (optional)
- Door Lock/Unlock (optional)
- Remote Panic Button (optional)
- NMEA GPS Data (optional)

Additional supported options

- Internal Battery – Supports asset and trailer tracking applications, auto-recharging capability
- Navigation - Use the GPS NMEA port to enable in-vehicle mapping and turn-by-turn instructions from a laptop or hand held.
- Locator Driver ID (i-Button)
- Temperature Monitoring – 1-wire temperature sensors
- PLC Trailer ID



Certification	PTCRB/FCC/IC UL/CSA/CE 
Networks Supported	GSM/SMS/GPRS/ EDGE GSM 900/1800/850/1900 MHz
Physical Specifications	Dimensions - 105 x 95 x 30 mm (4.30" x 3.75" x 1.18") Weight - 125g (4.4 oz.)
Power Specifications	Power - Input Voltage 9 – 36 VDC Current (at 12 VDC) - Transit 1000 mA (maximum bursts) - Standby (receive) – 100 mA - Sleep (ignition off) – 10 mA
Environmental	Operating Temperature: -20°C to +60°C Storage Temperature: - 40°C to +80°C Humidity: 95% Max (non-condensing)
Connectors	RS-232 – DCE – DB-9 connector Power – 3 wire (ignition, battery, ground) RF – SMA (female) GPS – SMC (female)
Interoperable Devices	Windows CE/ Windows Mobile Laptop Computer Mobile Data Terminals
Protocols	PPP on serial port NMEA Transparent Pass Through
Included	Installation Manual Active GPS Antenna GSM ¼ Wave Stubby Antenna Power and Serial Cable Telemetry (2 inputs, 2 outputs)
Hardware Options	Internal lithium polymer battery (1900mA hour)
Optional Accessories	Panic button (in-vehicle/remote) External roof mount RF & GPS antennae Driver ID Kit MDT Locator Track Box And more...