

The SmartTrace 6000E Locator is a feature-rich wireless GPS locator device at the heart of the Quadrant Vehicle Services System. 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

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

Communication Services (all are optional)

- MDT Two-way Messaging
- MDT Digital Forms
- Voice Dialing

Internet Services

- Email
- Internet Access
- Enterprise Connectivity
- Maintenance Scheduling


Telemetry Services

- 6 digital inputs / 6 digital outputs / 1 A/D (standard)
- Door Open/Close Sensor (optional)
- Door Lock/Unlock (optional)
- Remote Panic Button (optional)
- NMEA GPS Data (optional)

Additional supported options

- J1708 Vehicle Diagnostics Monitoring
- Trip Recorder – second-by-second speed, heading and location log
- Auxiliary Serial Port – connect to external serial devices, Satellite communications modem
- 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 42 mm (4.30" x 3.75" x 1.63") Weight - 125g (4.4 oz.)
Power Specifications	Power - Input Voltage 9 – 36 VDC Current (at 12 VDC) - Transit 1000 mA (maximum bursts) - Standby (receive) – 150 mA - Sleep (ignition off) – 15 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/Mobile Laptop Computer (Windows 2000, XP, Vista) Messaging Data Terminals
Antennae	GPS Active antenna Standard RF antenna ¼ wave stubby GPS Antenna Presence Detection
Protocols	PPP on serial port GPS NMEA Transparent Pass Through
Standard Accessories	GSM ¼ wave stubby antenna Active GPS antenna Installation Manual Data Cable Telemetry port & cable (6inputs, 6outputs, 1 A/D)
Hardware Options	Internal lithium polymer battery (1900mA hour) Voice port J1708 interface Interface to satellite modem Extended Memory for trip Recorder
Optional Accessories	Panic button (in-vehicle/remote) Hands free kit (voice) External roof mount RF & GPS antennae Temperature sensor Locator Driver ID Kit PLC Trailer ID ST1900 Satellite Modem ST1700 Bluetooth Adapter