



FLEET TRACKER

Features:

- GSM/GPRS, CDMA 1xRTT, or HSPA configurations
- Internal cellular and GPS antenna for easy installation
- High sensitivity GPS
- 3-axis precision accelerometer for driver behavior and impact detection
- Power management sleep modes
- Automatic, over-the-air configuration and firmware download



Specifications:

GENERAL

Communication Modes	GPRS/EDGE/HSPA and CDMA 1xRTT packet data, UDP and SMS
Location Technology	50 channel GPS
Operating Voltage	12/24 volt vehicle systems

GPS

Location Technology	50 channel GPS (with SBAS) SBAS: WAAS, EGNOS, MSAS, GAGAN
Location Accuracy	2.0 meter CEP (with SBAS)
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity AGPS Capable	-147 dBm

DEVELOPMENT SUPPORT OPTIONS

Customized hardware and software development available on request.

Specifications: (cont.)**CELLULAR**

Data Support	SMS, UDP packet data	
Operating Bands (MHz)	GSM/GPRS 850/900/1800/1900 CDMA/1XRTT 850/1800 HSPA/UMTS 800(VI)/850(V)/900(VIII)/1700(IV)/1900(II)/2100(I)	
Transmitter Power	CSM/CPRS 850/900 32.5 dBm 1800/1900 29.3 dBm CDMA/1XRTT 850 24 dBm 1800 23 dBm HSPA/UMTS (all bands) 23 dBm	
HSPA data rates	5.6 Mbps upload/7.2 Mbps download	
HSPA Fallback	EDGE/GPRS/GSM quad band EDGE MCS1-MCS9 3GPP Release 6	

COMPREHENSIVE I/O

Digital Inputs	5 (1 xed bias low, 4 programmable bias)
Digital Outputs	3 relay driver (200 mA)
Serial Interface	2 (1 TTL serial, 1 switched power TTL)
Analog Inputs	2 (1 internal VCC monitor, 1 external A/D input)
1-Wire® Interface	Driver ID, temperature sense
Status LEDs	GPS and cellular

ELECTRICAL

Operating Voltage	6-32 VDC
Power Consumption	<3 mA @ 12V (deep sleep) <10 mA @ 12 V (sleep on network with SMS) <20 mA @ 12 V (sleep on network with GPRS) <70 mA @ 12 V (active tracking)

CERTIFICATIONS

Fully certified FCC, CE, IC, PTCRB, Applicable Carriers

ENVIRONMENTAL

Temperature	-30° to +75° C (operating) -40° to +85° C (storage)
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	

PHYSICAL

Dimensions	2" x 4" x 0.85", (51 x 102 x 22 mm)
Weight	74 g (external), 85 g (internal)

CONNECTORS, SIM ACCESS

Connection Type	20-pin Molex-type fused power harness
GPS Antenna	External SMA (w/tamper monitoring, 3V) or internal
Cellular Antenna	External SMC or internal
SIM Access	Internal (GSM/GPRS or HSPA variant only)

MOUNTINGTie-wrap, adhesive, or Velcro
Screw mounting bracket**OPTIONAL FEATURES/FUNCTIONS**

- Driver ID with 1-wire® protocol
- Garmin®, Magellan, and other advanced peripherals support

KNOW MORE GO TO:

www.peoplenetonline.com, call 888.346.3486, option 3 or email info@peoplenetonline.com.



Trimble is a leading provider of advanced location-based solutions that maximize productivity and enhance profitability. The company integrates its positioning expertise in GPS, laser, optical and inertial technologies with application software, wireless communications, and services to provide complete commercial solutions. Its integrated solutions allow customers to collect, manage and analyze complex information faster and easier, making them more productive, efficient and profitable. Trimble's knowledge of and experience serving oil/gas/chemical industry in exploration, drilling, production, storage, refining/ petrochemical and distribution serve as a formidable foundation for PeopleNet Energy Services.



U.S. HEADQUARTERS
PeopleNet
4400 Baker Road
Minnetonka, MN
55343-8684

CANADA
PeopleNet Canada
1100 Burloak Drive, Suite 300
Burlington, Ontario
Canada L7H 6B2

CONTACT
(888) 346-3486
(952) 908-6129 Fax
info@peoplenetonline.com
www.peoplenetonline.com