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Betrifft TachoTrack Telematics® Datenblatt OBD-2 Gerät

Features

- OBDII connectivity, easy to install
- Quad band GSM/GPRS frequencies 850/900/1800/1900 MHz
- Wide operating voltage range 8V to 32V DC
- Internal u-blox chipset
- Low power consumption, long standby time with internal battery
- Embedded full featured @Track protocol
- Internal 3-axis accelerometer for power conservation and motion detection
- Internal GSM antenna
- Internal GPS antenna

Specification

GSM Specifications

Frequency	Quad band: 850/900/1800/1900 MHz Compliant to GSM phase 2/2+ -Class 4 (2W @ 850/900 MHz) -Class 1 (1W @ 1800/1900 MHz)
GPRS	GPRS multi-slot class 12 GPRS mobile station class B
RMS Phase Error	5 deg
Max Out RF Power	GSM850/GSM900: 33.0±2 dBm DCS/PCS: 30.0±2 dBm
Dynamic Input Range	-15 ~ -108 dBm
Receiver Sensitivity	Class II RBER 2% (-107 dBm)
Stability Of Frequency	< 2.5 ppm
Max Frequency Error	±0.1 ppm

GPS Specification

GPS Chipset	u-blox All-In-One GPS receiver
Sensitivity	Autonomous: -147 dBm Hot start: -160 dBm



	Tracking: -162 dBm
Position Accuracy	Autonomous: < 3m SBAS: 2.0m
TTFB (Open sky, plug into OBDII port, AGPS)	Cold start: 25s average Warm start: < 25s Hot start: < 1s
Interfaces	
OBDII Port	Allow information to be read from OBDII port, and provide device power. Protocols support: J1850 PWM, J1850 VPW, ISO 9141-2, ISO 14230, ISO 15765, J1939, CAN_USER1, CAN_USER2, VW TP2.0
GSM Antenna	Internal only
GPS Antenna	Internal only
Indicator LED	CEL, GPS and OBD
Mini USB Port	Mini USB port for upgrading and debugging
General Specifications	
Dimensions	48mm*25mm*48mm
Weight	About 42g
Backup Battery	Li-Polymer 250 mAh
Standby Time	Without reporting: 56 hours 5 minutes reporting: 27 hours 10 minutes reporting: 36 hours
Operating Voltage	8V to 32V DC
Operating Temperature	-30°C ~ +80°C (without battery) -40°C ~ +85°C for storage (without battery)
Air Interface Protocol	
Transmit Protocol	TCP, UDP, SMS
Scheduled Timing Report	Report position and status at preset intervals
OBDII Disconnection Alarm	Alarm report of OBDII connection and disconnection status
Geo-fence	Geo-fence alarm and parking alarm, support up to 5 internal geo-fence regions
Low Power Alarm	Alarm when backup battery is low
Power On Report	Report when the device is powered on
Tow Alarm	Alarm trigger based on built-in 3-axis accelerometer