W2TRACK | W2-AT02

SMARTTRACKER | ADVANCED AND ECONOMICAL VEHICLE TRACKER



SmartTracker W2-AT02 is a GSM/GPS terminal for real-time vehicle tracking, fleet management and input/output monitoring. Internal antennas support discreet installation, while additional inputs and outputs enable monitoring and control of connected assets.

Typical applications
Logistics, taxis, heavy vehicles and construction machinery, rental cars, security and cash vans, and insurance asset tracking.

Key benefits
Remote configuration over SMS/GPRS, safe immobilization, case-open detection, rash-turn detection, and event-based alerts.

Product highlights

- Heading- and time-based data acquisition
- GPS position accuracy: autonomous <2.5 m CEP
- Three-axis accelerometer and rash-turn detection
- Case-open detection and safe immobilization
- Smart analog input filtering for fuel applications
- Compressed data format and up to 6,000 tracking records
- Over-the-air firmware upgrade (FOTA)
- Event-code-based alerts for rapid detection

W2TRACK fleet management

W2TRACK FMS supports trip mapping, mileage-versus-fuel analysis, dispatch monitoring, vehicle efficiency, geofencing, remote immobilization and mobile access. Field support and installation services are available subject to project scope.

Technical specifications

Cellular	Quad-band GSM 850 / 900 / 1800 / 1900 MHz
Data communication	TCP/IP over GPRS; internal antenna
GNSS	GPS + GLONASS; 99 acquisition / 33 tracking channels
Tracking sensitivity	-165 dBm
Speed / motion sensors	GNSS speed; 3-axis accelerometer
Input voltage	9-32 V DC; optional 9-90 V for EV support
Current consumption	<80 mA transmitting; <50 mA tracking; <10 mA sleep

Internal battery	Rechargeable Li-ion, 3.7 V, 700 mAh; 5-6 h backup
SIM	Standard 1.8 V / 3 V Micro SIM; embedded SIM optional
LED indicators	4: Process, GSM, GPS, Power
Offline memory	4 MB solid-state flash; 100K read/write cycles; 10-year retention
FOTA	Available

Interfaces, environmental and physical specifications

Ignition / digital inputs	1 ignition input; 1 digital input
Outputs / analog	1 digital output; 1 analog input
Optional accessories	Bluetooth 3.0 Classic
Operating temperature	-10 to +75 C without battery; -10 to +55 C with battery
Storage temperature	-10 to +85 C without battery
Humidity	95% non-condensing
Dimensions / weight	90 x 70 x 30 mm; 130 g
Enclosure	30% glass-filled PA6 casing; IP65 rating
Package	W2-AT02 device and vehicle harness cable with 8-pin connector

Warranty and installation

One-year limited warranty. The source document states support for W2-AT02 devices for a maximum of three years from the date of purchase. PAN-India installation service available.

For more information or Sales related queries, please contact W2track Team & visit us at www.w2track.com