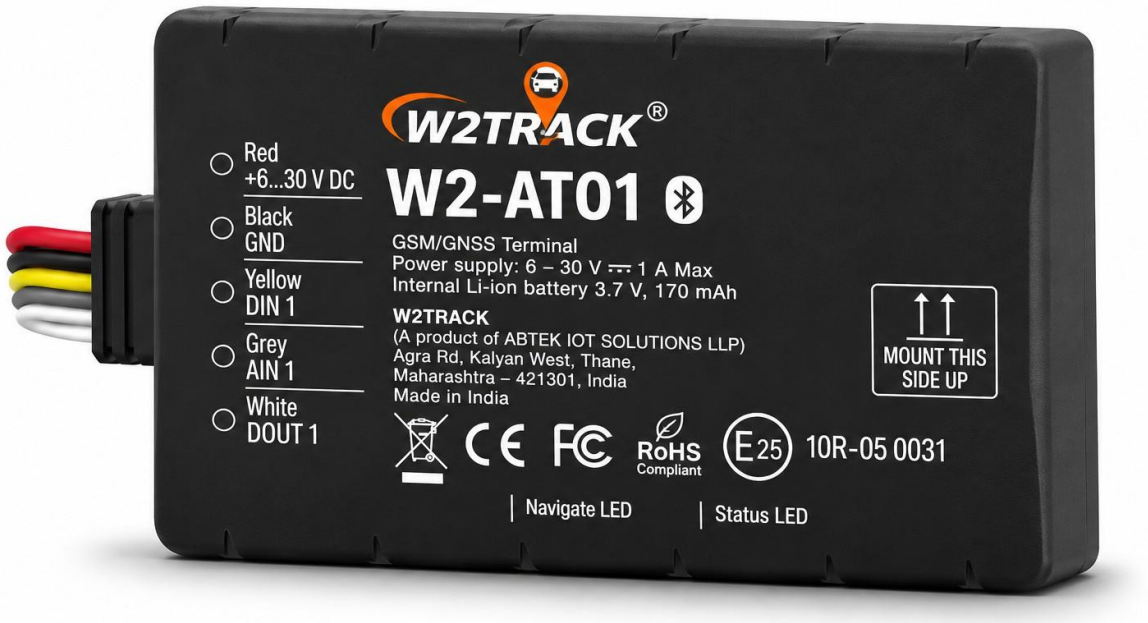
SMART GPS VEHICLE TRACKER

W2-AT01 | Multifunctional vehicle tracking with built-in GPS and GSM antennas



Product Overview

W2-AT01 is a compact GSM/GPS terminal for real-time vehicle tracking and advanced input/output applications. It supports reporting of distance travelled, speed, engine status and Trip ON/OFF activity based on driver key operation. Internal high-gain GNSS/GSM antennas, Bluetooth connectivity and a backup battery enable flexible installations.

Key Features

• Real-time vehicle tracking and trip reporting	• Crash detection and SMS/GPRS alerts
• Bluetooth 4.0 + LE for external peripherals	• Ignition, door or alarm status monitoring
• Digital output for remote immobilization	• Internal backup battery and low power consumption
• IP54 enclosure; internal GPS and GSM antennas	• Applications: rental cars, delivery vehicles, taxis, public safety and recovery of stolen vehicles

Technical Specifications

Category	Parameter	Specification
Physical	Dimensions	79 x 43 x 12 mm (L x W x H)
	Weight	54 g
	Ingress protection	IP54
Environmental	Operating temperature	-40 °C to +85 °C
	Humidity	5% to 95%, non-condensing
Power	Input voltage	6–30 V DC, overvoltage protection
	Backup battery	170 mAh Li-Ion (0.63 Wh)
	Nominal consumption	At 12 V: less than 25 mA
GSM	Modem	GPRS Multi-Slot Class 12 (up to 240 kbps); Mobile Station Class B
	Antenna	Internal
GPS / GNSS	Receiver	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
	Channels	33
	Position accuracy	Autonomous: less than 3 m
	Sensitivity	-165 dBm
I/O	Digital input	1 (ACC / ignition)
	Digital output	1 (immobilizer)
	Analog input	1 (fuel sensor, SOS button, trip switch)
	LED indicators	2 status LEDs
	SIM	Micro-SIM
	Memory	128 MB internal flash
Bluetooth	Version	4.0 + LE
	Supported peripherals	Temperature/humidity sensor, headset, OBD-II dongle, Intec barcode scanner
Approvals	Regulatory (as listed in source)	CE/RED, E-Mark, EAC, RoHS, MTBF, REACH

Warranty & Installation: One-year limited warranty. The supplied document states support for W2-AT01 devices for up to three years from purchase and PAN India installation service*; confirm applicable service terms.

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