

OBDII SERIES

BP57

LTE Cat-1 / 2G OBDII Plug-In Tracker

An LTE Cat-1 / 2G, plug-and-play OBDII tracking device designed for light and heavy-duty vehicles. Plugs directly into the OBDII port for install-free deployment, with driving behavior monitoring, crash detection, and BLE 5.0 accessory support built in.



LTE Cat-1 / 2G

Plug & Play

BLE 5.0

Crash Detection

KEY FEATURES

- ✓ Light & heavy vehicle data reading
- ✓ Firmware-over-the-air (FOTA) updates
- ✓ Built-in buzzer for driver coaching
- ✓ Global cellular band support
- ✓ Driving behavior monitoring
- ✓ Crash detection & accident analysis
- ✓ Bluetooth LE 5.0 accessory support
- ✓ Towing alarm
- ✓ Network jamming detection
- ✓ OBDII data reading & DTC codes
- ✓ External power status alarm
- ✓ Data roaming control

APPLICATIONS

Light Car Fleet Management

Heavy Duty Vehicle Tracking

Driver Behavior Monitoring & Coaching

Insurance Telematics

Vehicle Diagnostics & DTC Monitoring

BP57 — Full Technical Specifications

GNSS SPECIFICATIONS	
Chipset	All-in-one GNSS receiver
GNSS System	GPS + BeiDou + Galileo + QZSS + SBAS
Receiver	24 tracking / 64 acquisition channels
Cold TTFF	< 20 s (30 s without EASY)
Warm TTFF	< 2 s
Hot TTFF	< 2 s
Sensitivity	Acq -148 / Trk -162 / Reacq -159 dBm
Position CEP	< 2 m (< 6.6 ft)

NETWORK / OPERATING BAND	
LTE FDD Cat 1	B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28/B66
LTE TDD Cat 1	B34/B38/B39/B40/B41
GSM/EDGE	850 / 900 / 1800 / 1900 MHz
LTE-FDD DL/UL	10 / 5 Mbps
LTE-TDD DL/UL	8.96 / 3.1 Mbps
GPRS DL/UL	85.6 / 85.6 Kbps

OBDII PROTOCOLS	
CAN	ISO 15765, SAE J1939
KWP	ISO 14230 (KWP2000)
Legacy	ISO 9142-2, SAE J1708
DTC	Read and erase

INTERFACES & PROTOCOL	
Connector	OBDII
SIM Slot	Nano SIM
Antenna	Internal LTE / GNSS / Wi-Fi / BLE
Indicator LED	Network, GNSS, Wi-Fi, diagnostic
USB	Micro USB — config, upgrade, debug
Buzzer	Event-triggered driver coaching
BLE 5.0	Yes — accessory support
FOTA	Yes
Protocol	TCP, UDP, MQTT, SMS
Encryption	MD5 / AES128
Geo-fence	Up to 64 regions
Ext. Power	Alert on disconnect
Jamming	Network signal jamming detection
Crash	Accident data collection & analysis

POWER & PHYSICAL	
Weight	70.0 g (2.6 oz)
Dimensions	52.8 × 47.8 × 24.8 mm (2.08" × 1.88" × 0.98")
Backup Battery	Li-Polymer 100 mAh / 3.7V
Operating Voltage	7V – 32V DC
Operating Temp.	-30°C to +80°C (-22°F to +176°F)
Storage Temp.	-40°C to +85°C (-40°F to +185°F)

CERTIFICATIONS (PLANNED)

FCC IC CE RCM TDRA NBTC

CITC Anatel