

OBDII

Plug & track, easy installation, no wires required, save integrator's time and cost. Start the tracking immediately

TorchX 310 4G

LTE CAT-M1/2G easy Install OBDII tracking device ELD ready designed for light and heavy duty vehicles



- ELD Ready
- Light and Heavy Vehicle Data Reading
- Firmware Over the Air
- Built-in Buzzer for Driver Coaching
- Global Bands Supported
- Driving Behavior Monitoring
- Crash Detection
- BLE 5.0
- Towing Alarm

| 70.0g (2.5oz)

| 52.8mm × 47.8mm × 24.8mm (2.08″ × 1.88″ × 0.98″)

| -30℃ ~ +80℃ (-22°F ~ 176°F)

| Operating Voltage: 7V to 32V DC with internal Li-Polymer battery

Certificates (Completed):

FC IC PTCRB T-Mobile AT&T

*Please reach out to us if you need any certificates in particular

Light Duty Vehicle



Fleet Management



Heavy Duty Asset



TorchX 310 SPEC

Network/Operating Band	
Models	TorchX 310
Operating Band	LTE FDD Cat M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85 LTE FDD Cat NB2: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20 GSM/EDGE: 850/900/1800/1900MHz
Data Transmission	eMTC: Max. 588 (DL), Max. 1119 (UL) NB1: Max. 32Kbps (DL), Max. 70Kbps (UL) NB2: Max. 127 (DL), Max. 158.5 (UL) EDGE: Max. 296Kbps (DL), Max. 236.8Kbps (UL) GPRS: Max. 107Kbps (DL), Max. 85.6Kbps (UL)
GNSS Specifications	
GNSS Chipset	All-In-One GNSS Receiver
Parallel GNSS	GPS+Beidou+Galileo+QZSS（SBAS）
Receiver Type	24 tracking / 64 acquisitions- channel GNSS receiver
Sensitivity	Acquisition: -148 dBm Reacquisition: 159 dBm Tracking: -162 dBm
Position Accuracy in open sky (CEP-50)	Autonomous: < 1.5 m
Standalone TTFF	Cold Start: < 20s (30s) Warm Start: < 2 (2s) Hot Start: < 2s (2s)
Interfaces	
OBDII Connector (The function varies based under different configurations)	ISO 15765, SAE J1939, ISO 14230 (KWP2000) ISO9142-2, SAE J1708
SIM card	Nano SIM card slot
LTE/GNSS/Wi-Fi/BLE Antenna	Internal only
Indicator LED	Network, GNSS and Diagnostic
FOTA	Yes
BLE (Bluetooth Low Energy)	5.0
USB	Mirco USB /Configuration,upgrade and debug
Buzzer	Event triggering
Air Interface Protocol	
Transmit Protocol	TCP, UDP, MQTT, SMS
Data Security & Encryption Option	MD5/ AES128
BLE Accessory Support	Yes
OBDII Data Reading	Yes
Diagnostic Trouble Code (DTC)	Read and Erase
Scheduled Timing/angle/distance Report	Report position and status at preset intervals
External Power Status Alarm	Report when external power is disconnected
Network Signal Jamming Detection	Report network jamming
Driving Behavior Monitoring	Aggressive driving behavior detection, e.g., harsh braking and acceleration
Crash Detection	Accident data collection for reconstruction and analysis
Data Roaming Control	Avoid additional data consumption
General Specifications	
Dimensions	52.8mm*47.8mm*24.8mm (2.08" *1.88" *0.98")
Weight	70.0g (2.5oz)
Backup Battery	Li-Polymer 100 mAh/3.7V
Operating Voltage	7V to 32V DC
Operating Temperature	-30°C ~ +80°C (-22°F ~ 176°F)
Storage Temperature	-40°C ~ +85°C (-40°F ~ 185°F)
Industry Certifications (Completed)	
FCC, IC, PTCRB, T-Mobile, AT&T	