



TOPFLYtech TorchX 110 GPS Tracker Owner’s Manual

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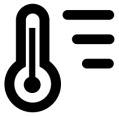
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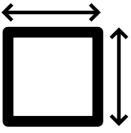
LTE CAT-1/2G easy Install OBDII tracking device designed for light and heavy duty vehicles.



70.0g (2.602)



-30°C +80°C (-22°F-176°F)



52.8mm x 47.8mm x 24.8mm (2.08" x 1.88" x 0.98")



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



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

Light Car



Heavy Duty



Fleet management



TorchX 110 SPEC

Network/Operating Band	
Models	Torch 110
Operating Band	LTE FDD Cat 1: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/ B25/B26/B28/B66LTE TDD Cat 1:B34/B38/B39/B40/B41 G SM/EDGE: 850/900/1800/1900MHz
Data Transmission	LTE-FDD:Max.10Mbps (DL), Max.5Mbps (UL) LTE-TDD:Max.8.96 Mbps(DL),Max.3.1Mbps(UL) GPRS: Max. 85.6Kbps (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 dBmTracking: -162 dBm
Position Accuracy in open sky (CEP-50)	Autonomous: < 2 m
Standalone TTFF Interfaces	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, Wi-Fi and Diagnostic
FOTA	Yes
BLE (Bluetooth Low Energy)	5.0
USB	Micro USB /Configuration, upgrade and debug
BuzzerAir Interface Protocol	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
Low Power Alarm	Report when backup battery is low
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 (2.6oz)
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 Industry Certification ns (Planned)	-40°C ~ +85°C (-40°F ~ 185°F)
Industry Certifications (Planned)	
CE, RCM, IC, FCC,TDRA, NBTC, CITC, Anatol	



www.topflytech.com




sales@topflytech.com



+86-755-26060058



Documents / Resources

	<p>TOPFLYtech TorchX 110 GPS Tracker [pdf] Owner's Manual TorchX-110-Flyer-2024.5.16, TorchX 110 GPS Tracker, TorchX 110, GPS Tracker, Tracker</p>
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References

- [User Manual](#)

[Manuals±](#), [Privacy Policy](#)

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