linxio.

LTE VX60 Series 4G

LTE Cat-M1(eMTC)/Cat-NB1(NB-IoT) easy install OBDII tracking device designed for insurance, car leasing and real-time monitoring applications

48g (1.7oz)

47.8mm*47.6mm*19.8mm (1.9" * 1.9" * 0.8")

-30°C ~ +80°C (-22°F ~ 176°F)

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

01 Compact Size	06 Global Bands Supported
02 Plug and Play	07 Driver Behavior Monitoring
03 CAN data reading (D Version)	08 Crash Detection
04 Firmware Over the Air	09 BLE 5.0
05 Inbuilt Buzzer for Harsh Driving Events	10 Towing Alarm

OBDII Series - Plug and track. Easy installation, no wires required, save integrator's time and cost. Start the tracking immediately.

Insurance

Private Car Tracking

Car Leasing

Specification

LTE VX60 series

Network/Operating Band

Models	VX60 Series
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/B25/B28/B66/B71/B85
	GSM/EDGE:850/900/1800/1900 MHz
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.296 Kbps (DL), Max.236.8Kbps (UL)
	GPRS: Max.107Kbps (DL), Max.85.6Kbps (UL)

GNSS Specification

GNSS Chipset	MediaTek High Gan GNSS receiver
Parallel GNSS	GPS+Glonass or Galileo+Beidou
Reciever Type	33 tracking / 99 acquisitions- channel GNSS receiver
Sensitivity	Acquisition:-149 dBm
	Tracking: -167 dBm
	Reacquisition: -161dBm
Position Accuracy (CEP)	Autonomous < 2.5 m CEP
Standalone TTFF	Cold start: < 15s (32s)
	Warm start: < 8s (28s)
	Hot start: < 1s (1s)

Interfaces

Models	VX60-L	VX60-D
Connector	OBDII	
CAN Data Reading	--	Yes
Support legislated OBDII protocols	--	ISO 9141-2/ISO 14230-4/ISO 15765-4 SAE J1939 (Heavy Vehicle)
SIM card slot	Nano SIM card slot	
LTE/GNSS/Bluetooth Antenna	Internal Only	
Indicator LED	Network, Diagnostics (VX60-D only) and GNSS	
FOTA	Yes	
BLE (Bluetooth Low Energy)	5.0	
USB	Debug	
Buzzer	Event Triggering	

General Specification

Dimensions	47.8mm*47.6mm*19.8mm (1.9" *1.9" *0.8")
Weight	48g(1.7oz)
Backup Battery	Li-Polymer 200 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)

Air Interface Protocol

Transmit Protocol	TCP, UDP, MQTT, SMS
Data Security & Encryption Option	MD5/ AES256
BLE Accessory Support	Yes
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
Speeding Alarm	Report when speed exceed the pre-set value
Network Signal Jamming Detection	Report network jamming
Data Roaming Control	Avoid additional data consumption
Driving Behavior Monitoring	Aggressive driving behavior detection, e.g. harsh braking and acceleration
Crash Detection	Accident data collection for reconstruction and analysis