

# infoTRAK Hotspot

Plug & Play GPS Vehicle Tracker with LTE Hotspot



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## infoTRAK81

LTE Hotspot device is an OBDII dongle type Plug-n-play GPS tracker. The tracker is integrated with 4G network and WIFI functionality. 4G signal from mobile operator can be converted to WIFI signal to achieve WIFI hotspot function. The device can support up to ten smart phones and tablets to connect to the internet via WIFI. The device supports WIFI bridging function, meaning the device can connect with the allowed WIFI hotspot of different network thus acting like an access point saving 4G data consumption.

The *infoTRAK81* device has internal 4G Module, u-blox MAX-7 GNSS module, high gain active antenna to support GPS and GLONASS. It's inbuilt on-board diagnostics (OBDII)/SAE J1939 function can obtain the diagnostic data directly from the vehicle with monitoring of Diagnostic Trouble Code(DTC) ,OBD II parameter and alarm. It's equipped with 3D acceleration sensor for real-time motion detection and driving behavior.

The *infoTRAK81* device has an engine starter immobilizer (engine cut off) output for anti-theft. Device will come with an OBDII extension cable so that device can be secured below the dash.

## Product features

- 4G LTE (Bands 2, 4, 5, 12, 17)
- *infoTRAK* Certified for T Mobile
- WiFi hotspot supporting 802.11 b/g/n
- Real-time Vehicle Tracking
- OBDII data availability
- Hotspot on demand and control
- Single SSID for multiple Vehicles
- User programmable SSID
- Driver behavior
- Connect up to 10 smart devices at a time

## Applications

- Single SSID for multiple devices (Fleet)
- Hotspot on demand and control
- Real time vehicle tracking
- Scheduled and Preventive maintenance
- Track with *infoTRAK* Fleet
- OBD + Starter disable
- Can be used as only “Hot Spot” device.

## Connections

- Connect to OBD port with extension cable provide with device (standard)
- Connect to cigarette lighter plug (-CP)

## Technical Specifications

infoTRAK81	
4G and Wifi Specification	LTE, Wifi Antenna internal
GSM Module	FDD LTE: B2/B4/B5/B12/B17 UMTS: 8B2/B4/B5 GSM: 850/1900
Data rates	LTE: DL 100Mbps, UL 50Mbps HSPA+: DL 42.0Mbps, UL 5.76Mbps UMTS: DL 384kbps, UL 384kbps EDGE: DL 296kbps, UL 236.8kbps GPRS: DL 107kbps, UL 85.6kbps
WiFi specification	802.11 b (11Mbps) / g (54 Mbps) / n (65 Mbps)
GPS Specification	GPS antenna internal
GPS Receiver	u-blox Max-7 GPS module
OBD-II Specification	
Supported Protocol	ISO 15765-4 (CAN) ISO 14230-4 (Keyword Protocol 2000) ISO 9141-2 (Asia, European, Chrysler) SAE J1850 VPW (GM) SAE J1850 PWM (Ford) SAE J1939 (CAN)
Electrical Characteristics	
Internal Battery	Li-Polymer 180 mAh
Standby Time	Moving with 5 minute reporting: ~ 20 Hours Stationary not reporting: ~ 72 Hours
Mechanical Specification	
Dimension	50mm X 50mm X 23mm
Weight	~50g
Environmental Characteristics	
Operating temperature	-20°C ~ +60°C
Charging temperature	0°C ~ +45°C
Storage temperature	-20°C ~ +60°C
Input / Output	
1 multi-function	
1 Digital output suitable for Starter disable	
Sensor	
3-axes accelerometer	

*Device is in certification*