Plug5

DIN · · · · 4G · ECO Drive · · · BT

- Maintenance cost reduction
- Real-time fleet monitoring
- Fleet efficiency optimization
- Fuel monitoring
- Driver identification
- Driver behavior monitoring
- Stolen vehicle recovery
- Wi-Fi hotspot (CAT4 version only)

LTE CAT4* and LTE-M connectivity with 2G fallback

3-axis accelerometer

BLE 5.1

CAN (FMS, J1708, J1939), OBDII, DTC data reading

Internal backup battery

Plug & Play installation

U-blox GNSS module

Power supply 9-30 V

Wide vehicle model coverage

Internal memory 16 MB

Jamming detection

Internal GNSS antenna

Wi-Fi hotspot (CAT4 version only)

Proprietary vehicle data reading

FW configuration SMS/GPRS (FOTA)/USB

Automatic vehicle model detection and configuration

Multitone internal buzzer

Operating temperature -20 °C to +60°C

Advanced ignition detection algorithms

*LTE CAT 4 for NA region only

Key values:

Easy installation & use – Plug & Play installation, automatic multi source ignition detection and vehicle autodetection. Remote OTA updates and maintenance.

Excellent GNSS performance – Ublox M10 generation GNSS receiver used.

Versatility – suitable for both Heavy Duty and Light Duty vehicles. Various BLE accessories for temperature, humidity as well solutions based on BLE beacon detection (Asset tracking, Trailer tracking etc.)

Secure – jamming detection, unplug detection, backup battery, TLS v1.2 for end-to-end encryption, Secure Boot and Signed Firmware updates.

Broad vehicle coverage – excellent vehicle coverage and various OBD and CAN bus parameters supported (including proprietary manufacturer data)

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Technical information

	Plug5-LTM-EMEA-BT	Plug5-LTE-NA-BT-WiFi	Plug5-LTM-NA-BT
OBDII connector interfaces and functions			
Inputs for Ignition detection	3 (OBDII Pin1 OR Pin3 OR Pin8)		
CAN 1 interface	OBDII Pin 6/14		
CAN 2 interface	Configuration switchable OBDII Pin's: 3/11 , 3/8 , 1/9, 2/10, Pin1(SW CAN)		
K-line interface	OBDII Pin 7		
J1708 interface	OBDII Pin 2/10		
Power supply	12/24V		
User interfaces *(*in development)*			
Buzzer for driver feedback	Yes, Internal*		
USB port	Yes (Used for configuration)		
SIM card	Nano SIM (4FF)		
LED's	Red - Power/Ignition status Orange – Network Status Green – GNSS status Blue – Autoconfiguration/ WiFi status		
Connectivity & Hardware specification			
Connectivity	4G CAT-M1 B1/B3/B5/B8/B18/B19/ B20/B28 +2G fallback	4G LTE (CAT 4) B2/B4/B5/B12/B14	4G CAT-M1 B2/B4/B12 +2G fallback
WiFi Hotspot	No	Yes, 2,4GHz	No
GNSS	Ublox M10		
BLE	5.1		
Acceloremeter	3 axis (auto-calibrating)		
Enviromental specifications			
Temperature	Operating: -20 to +60 °C Storage: -20 to +45 °C Battery charging: 0 to +45 °C Battery discharging: -20 to +60 °C		
Humidity	5% to 95% Non-condensing		
Certifications* *(*coming soon)*			
Certifications	CE /E-mark	FCC / IC /PTCRB/ AT&T/Rodgers/Telus	FCC / IC /PTCRB/ AT&T/Rodgers/Telus
Physical properties			
Dimensions	75mm x 51mm x 27mm		
Weight	65g +/- 2g		
Housing	Black Plastic		

Ordering information

Plug5-LTM-EMEA-BT	Variant with 4G CAT M1 Network, BLE for EMEA region
Plug5-LTE-NA-BT-Wifi	Variant with 4G LTE CAT4 Network, WiFi hotspot, BLE and for North America region
Plug5-LTM-NA-BT	Variant with 4G CAT M1 Network, BLE for North America region