

Plug5



- Maintenance cost reduction
- Real-time fleet monitoring
- Fleet efficiency optimization
- Fuel monitoring
- Driver identification
- Driver behavior monitoring
- Stolen vehicle recovery



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



Proprietary
vehicle data
reading



FW configuration
SMS/GPRS
(FOTA)/USB



Automatic vehicle
model detection
and configuration



Operating
temperature
-20 °C to +60°C



Advanced ignition
detection
algorithms

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-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		
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 CAT-M1 B2/B4/B12 +2G fallback
WiFi Hotspot	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		
Certifications	CE / E-mark	FCC / IC / PTCRB
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-LTM-NA-BT	Variant with 4G CAT M1 Network, BLE for North America region