

OBD

Telematics for Cars

Installation in
2 min

Stay in control with syniotec telematics

Complete overview of your fleet,
tools and attachments
– anytime, anywhere.



CAN-BUS Data
All key data in real time



Global Network Coverage
LTE CAT1 with 2G (GSM) Fallback



Live GPS Tracking
Always know where your equipment is



Plug-and-Play Installation
Fast installation in under 2 minutes

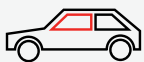


Bluetooth®
Bluetooth®: BLE 4.0 tracking
for beacons



Electric Vehicle Compatibility
Comprehensive data monitoring,
including electric vehicles

Suitable for ...



Cars



Trailers



Trucks



Containers



Attachments



Lifting
equipment



Construction
machines



Agricultural
machines



Medium-sized
equipment



Special
machines



Tools



Pumps &
generators

Transferred Data

- Real-time locations
- Odometer
- Operating hours
- Speed
- Engine status on/off
- Error messages
- Incident alerts
- and more

Interfaces

| | |
|------------------|---|
| OBDII Socket | Powers the device and enables reading OBD-II data (ISO 15765). Compatible with legally required protocols for vehicles from 2008 onward (USA). |
| Cellular Antenna | internal |
| GNSS Antenna | 2 internal (automatic signal selection) |
| BLE Antenna | internal |
| LED Indication | CELL – shows cellular connection GNSS – shows GPS/GNSS-status LEDs are built-in, visible on the top |

Cellular

| | |
|---------------|---|
| Technology | LTE Cat 1, GSM (2G) |
| 2G Bands | MeiG SLM320-PE2C: GSM: B2 / B3 / B5 / B8 MeiG SLM320-L16A: GSM: B2 / B3 / B5 / B8 |
| 4G LTE Bands | MeiG SLM320-PE2C: LTE-FDD: B1 / B3 / B7 / B8 / B20 / B28 LTE-TDD: B38 / B40 / B41 MeiG SLM320-L16A: LTE-FDD: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B20 / B28 LTE-TDD: B40 |
| Data Transfer | LTE FDD: Max 10 Mbps (DL) Max 5 Mbps (UL) LTE TDD: Max 8 Mbps (DL) Max 2 Mbps (UL) GSM (GPRS): Max 85.6 Kbps (DL & UL) |

GNSS

| | |
|-------------------|--|
| GNSS-Chipset | All-in-One GNSS-receiver |
| GNSS-System | GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS |
| Sensitivity | Tracking: -165 dBm |
| Position Accuracy | < 2.5 m CEP |
| TTFB | Cold start: < 35 s Warm start: < 25 s Hot start: < 1 s |
| Velocity Accuracy | < 0.1 m/s (within ±15 % error) |

syniotec OBD

Telematics for Cars



General Specifications

| | |
|--------------------|--|
| Input voltage | 10 V to 30 V DC |
| Internal battery | Li-Ion battery, 170 mAh, 3.7 V |
| Temperature | Operating: -40 °C to +85 °C Storage: -40 °C to +85 °C |
| Weight | 63 g |
| Dimensions (LxWxH) | 67.2 x 49.6 x 25 mm |
| Bluetooth® | Bluetooth® 4.0 + Low Energy (LE) |

Certifications



OBD-II Y-cable /
splitter (1-in-2)
included



Get started with smart
machine digitization now!

syniotec.com

