

# CORE

## Telematics for Trucks

Installation in  
**< 1 h**

### Stay in control with syniotec telematics

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



#### CAN-BUS Data

Real-time vehicle data – including tachograph, error messages & more



#### Bluetooth®

Bluetooth®: BLE 5.3-Tracking for beacons



#### Live GPS Tracking

Always know where your equipment is



#### Global Network Coverage

LTE CAT1 Fallback 2G (GSM/GPRS)



#### Tracking of Operating Hours

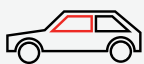
Automatically document operating hours and idle times



#### Waterproof and Weatherproof

Built to withstand weather and harsh conditions

### 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 location
- Odometer
- Tachograph
- Operating hours & idle times
- Speed
- Engine status on/off
- Error messages
- Accidents alerts
- and more

## Interfaces

Digital Input	1 input for ignition detection 1 universal input
Analog Input	1 (shared/multiplexed with a digital input)
Digital Output	1 digital output
Serial Port	1 x RS232
GNSS Antenna	internal only
BLE Antenna	internal only
LED Indicator	Power, Network, GNSS, CAN

## LTE

Operating Band	4G: B1/3/5/7/8/20/28 2G: B2/3/5/8
Data Transmission	LTE Cat-1 (4G): Max 10 Mbps (DL) Max 5 Mbps (UL)

## GSM

Frequency	700/800/850/900/1800/ 1900/2100/2600 MHz
Data Transmission	GPRS: Max 85.6 Kbps (DL) Max 85.6 Kbps (UL)

## GNSS

GNSS-Chipset	Unicore All-in-One GNSS-receiver
GNSS-System	GPS, BDS, GLONASS, Galileo, QZSS, SBAS
Sensitivity	Cold start: -148 dBm Hot start: -160 dBm Tracking: -167 dBm
Position Accuracy (CEP)	Autonomous: < 2 m
TTFF (Open Sky)	Cold start: Ø 28 s Hot start: Ø 1 s

# syniotec CORE

Telematics for Trucks



## General Specifications

Operating Voltage	7 V - 32 V DC
Backup Battery	Li-Polymer, 2000 mAh
Temperature	Operating: -30 °C to +70 °C Storage: -40 °C to +80 °C
Weight	161 g
Dimensions	111 x 55 x 26 mm (LxWxH)
Certifications	CE <del>RoHS</del> E24 IP67

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machine digitization now!

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