

- Technology: LTE Cat 1, UMTS
- 2G bands: EC21-AU: GSM: B2/B3/B5/B8; EC21-EC: GSM: B3/B8
- 3G bands: EC21-AU: WCDMA: B1/B2/B5/B8; EC21-EC: WCDMA: B1/B8
- 4G bands: EC21-AU: LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28; LTE TDD: B40, EC21-EC: LTE FDD: B1/B3/B7/B8/B20/B28A
- Data transfer: LTE: LTE FDD: Max. 10 Mbps (DL)/max. 5 Mbps (UL); LTE TDD: Max. 8.96 Mbps (DL)/max. 3.1 Mbps (UL) // UMTS: WCDMA: Max. 384 Kbps (DL)/max. 384 Kbps (UL); GSM: GPRS: Max. 107 Kbps (DL)/max. 85.6 Kbps (UL)
- Data support: SMS (text/data)

Power

- Input voltage range: 10 - 30 V DC with overvoltage protection
- Internal back-up battery: 170 mAh Li-Ion, 3.7 V battery (0.63 Wh)

Bluetooth

- Specification: 4.0 + LE
- Supported peripherals: Temperature and humidity sensor, OBDII dongle, Inateck barcode scanner, universal BLE sensors support

Physical Specification

- Dimensions: 65 x 56,6 x 20,6 mm (L x W x H)
- Weight: 55 g

Operating Environment

- Operating temperature (without battery): -40°C to +85°C
- Storage temperature (without battery): -40°C to +85°C
- Operating humidity: 5% to 95% non-condensing
- Ingress Protection Rating: IP41
- Battery charge temperature: 0°C to +45°C
- Battery discharge temperature: -20°C to +60°C
- Battery storage temperature: -20°C to +45°C for 1 month; -20°C to +35°C for 6 months

Interface

- Digital inputs: 1
- Digital outputs: 1
- Analog inputs: 1
- CAN adapter inputs: 1
- 1-Wire: 1
- RS232: 1
- RS485: 1
- GNSS antenna: Internal high-gain
- Cellular antenna: Internal high-gain
- USB: 2.0 Micro-USB
- LED indication: status LED lights
- SIM: 2x SIM card (Dual-SIM)
- Memory: 128 MB internal flash memory

Features

- Sensors: Accelerometer
- Scenarios: Green driving, over speeding detection, jamming detection, GNSS fuel counter, DOUT control via call, excessive idling detection, immobilizer, iButton read notification, unplug detection, towing detection, crash detection, auto geofence, manual geofence, trip
- Sleep modes: GPS sleep, online deep sleep, deep sleep, ultra deep sleep
- Configuration and firmware update: FOTA Web, FOTA, Teltonika Configurator (USB, Bluetooth), FMBT mobile application (configuration)
- SMS: Configuration, events, DOUT control, debug
- GPRS commands: Configuration, DOUT control, debug
- Time synchronization: GNSS, NITZ, NTP
- Fuel monitoring: LLS (analog), digital LLS (RS232, RS485), LV-CAN200, ALL-CAN300, CAN-CONTROL, OBDII dongle
- Ignition detection: Digital input 1, accelerometer, external power voltage, engine RPM (CAN adapters, OBDII dongle)
- RS232 modes: Log mode, NMEA, LLS, LCD, RFID HID/MF7, Garmin FMI, TCP ASCII/Binary
- RS485 modes: Log mode, NMEA, LLS, TCP ASCII/Binary

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

