**Teltonika FMP 100 Specifications**

|  |  |  |
| --- | --- | --- |
| **GNSS** | GNSS | GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS |
|  | Receiver | 33 tracking channel99 acquisition channel |
|  | Tracking sensitivity | -165 dBM |
|  | Position Accuracy | < 2.5 m CEP |
|  | Hot start | < 1 s |
|  | Warm start | < 25 s |
|  | Cold start | < 35 s |
|  |  |  |
| **Cellular** | Technology | GSM |
|  | 2G bands | Quad-band 850 / 900 / 1800 / 1900 MHz |
|  | Data transfer | GPRS Multi-Slot Class 12(up to 240 kbps) |
|  | Data support | SMS (text/data) |
|  |  |  |
| **Power** | Input voltage range | 10–30 V DC with overvoltage and reverse polarity protection |
|  | Internal Back-up battery | 170 mAh Li-Ion battery, 3.7 V (0.63 Wh) |
|  | Power consumption | At 12V < 5 mA (Ultra Deep Sleep)At 12V < 7 mA (Deep Sleep)At 12V < 7 mA (Online Sleep)At 12V < 8 mA (GPS Sleep)At 12V < 28 mA (nominal) |
|  |  |  |
| **Bluetooth** | Specification | 4.0 + LE |
|  | Supported peripherals | Temperature and Humidity sensor, Headset, OBDII dongle, Inateck Barcode Scanner, Universal BLE sensors support |
|  |  |  |
| **Interface** | Connection | Cigarette lighter socket |
|  | GNSS antenna | Internal High Gain |
|  | Cellular antenna | Internal GSM High Gain |
|  | USB | 1 x USB 2.0 Micro-USB for configuration1 x USB type A for external device charging (5V 1A) |
|  | LED indication | RGB LED |
|  | SIM | Nano-SIM |
|  | Memory | 128MB internal flash memory |
|  |  |  |
| **Physical Specifications** | Dimensions | 96,7 x 33,4 x 27,5 mm (L x W x H) |
|  | Weight | 55.5 G |
|  |  |  |
|  |  |  |
| **Continued Below** |  |  |
| **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 |
|  |  |  |
| **Features** | Sensors | Accelerometer |
|  | Scenarios | Green Driving, Over Speeding detection, Jamming detection, GNSS Fuel Counter, Excessive Idling detection, 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®) |
|  | SMS | Configuration, Events, Debug |
|  | GPRS commands | Configuration, Debug |
|  | Time Synchronization | GNSS, NITZ, NTP |
|  | Fuel monitoring | OBDII dongle |
|  | Ignition detection | Accelerometer, External Power Voltage, Engine RPM (OBDII dongle) |
|  |  |  |
| **Certification & Approvals** | Regulatory | CE/RED, E-Mark, EAC, RoHS, REACH, SIRIM QAS, SDPPI POSTEL |
|  |  |  |
|  |  |  |