

Runtracker 6.0

Technical features

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|---|---|
| Microprocessor | ARM Cortex M4, 32 Bit, 256 KB Ram, 1 MB flash Program Memory, 64MB external flash, 2KB eeprom |
| GSM module | Quectel M66, Quad-band GSM/GPRS with embedded Bluetooth 3.0 EDR |
| GNSS module | uBlox ZOE M8G, GPS/GLONASS /GALILEO/ EGNOS |
| Accelerometer + Gyroscope | 3 axis LSM6DS3 $\pm 2/\pm 4/\pm 8/\pm 16g$ + embedded gyroscope $\pm 125/\pm 245/\pm 500/\pm 1000/\pm 2000$ dps 3 axis LIS2DW12 $\pm 2/\pm 4/\pm 8/\pm 16g$ |
| Bluetooth BLE module | Bluetooth LE 4.1 |
| GSM Antenna | Integrated, Pentaband |
| GPS Antenna | Integrated patch antenna (external antenna available as optional) |
| Serial interfaces | 3 RS 232 serial ports / 1 RS 485 serial port / 1 Onewire Viasat serial port / D8 serial portal |
| Inputs | 4 GP analog inputs / 2 GP digital inputs positive and negative / 2 GP AI-O (analog input and output) / 1 GP Pulse Counter Input / 1 digital input with led for Help Button / 1 digital input for Hopping code |
| Outputs | 1 output Relay for engine block - 2 MOSFET O.D. outputs |
| Hands-free audio | External hands-free |
| Backup battery | 1000 mAh NiMH rechargeable |
| Diagnostics LED | Two colored LED on case (Red, Green) |
| Powersupply | 7 \div 36Vdc |
| Operating Temperature | -20 \div +85°C |
| External dimensions | 120x105x45 mm (LxWxH) |
| Communication to the Operations Centre | Through GPRS with TCP/IP or UDP/IP protocol, through SMS |
| Installation | Fixed and hidden on board. |
| Test and Activation | Through GPRS call from the Operations Centre |
| FW update | OTA though GPRS |
| CAN interface | 2 High Speed ports |
| Archives memory | More than 30.000 |
| Temperature Interface | 4 probes for digital temperature sensor |
| Certification | CE, ECE-R97, 79/56 |