

| Category | Parameter | Description |
|-----------------------------|---------------------------|---|
| General | GPS Chip | MTK |
| | Frequency | L1,1575.42 MHZ |
| | C/A Code | 1.023MHz chip rate |
| | Channels | 66 CH for tracking |
| | Antenna | Built-in patch antenna with LNA |
| | Datum | WGS-84 |
| Acquisition | Cold Start | 35 sec, average |
| | Warm Start | 34 sec, average |
| | Hot Start | 1.5 sec, average |
| | AGPS | <15sec |
| Power | Battery | Li-Ion (re-chargable 1000mAH) |
| | Charging time | 3hrs (Typical full charge) |
| | Operation Time | 26hrs |
| | Power Charge | Mini USB (optional mains charger) |
| Environmental | Operating | -10°C to +60°C |
| | Storage | -20°C to +60°C |
| | Charging | 0°C to +40°C |
| | Relative Humidity | 5% to 90% non-condensing |
| Accuracy (none DGPS) | Position | Without aid: 3.0m 2D-RMS |
| | | DGPS: 2.5m, 2D-RMS |
| | Velocity | Without aid: 0.1m/s |
| | | DGPS: 0.05m/s |
| Sensitivity | -165dBm (tracking) | |
| Dynamic | Altitude | <18,000m |
| | Velocity | <515m/sec |
| | Acceleration | 4g |
| Interface | Bluetooth | version 1.2 compliant |
| | Output Power | Class2 (10 meter in free space) |
| | Frequency | 2.4 to 2.4835GHz |
| Protocol | | NMEA-0183 (V3.01) - GGA, GSA, GSV, RMC (default) |
| | | Data bit: 8, stop bit:1 (Default) |
| | | Baud Rate 115,200 |
| Physical | Dimension | 46.5W x 72.2L x 20H mm |
| | Weight | 64g |
| Data Log | | Up to 250,000 way points. |
| | | Log GPS data by time interval / distance / speed limit. |
| | | Additional log GPS data by push button. |
| | | Log by time - 0.2s to 99s |
| | | Log by distance - 1 to 99m |
| | Log by speed - 1 to 99kph | |
| Others | LED | Bluetooth, Navigation, Battery/ charger status |
| | Certification | CE / FCC |

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*Citation MTK original chipset spec

