



49.95 EUR

incl. 19% VAT, plus [shipping](#)

- MediaTek Chip !
- LED indicator for GPS fix !

- High sensitivity MediaTek chipset (Tracking sensitivity: -165 dBm)
- Extremely fast TTFF (Time To First Fix) at low signal levels
- Supports NMEA 0183 data protocol
- Built-in backup power to reserve system data for fast satellite acquisition
- Built-in patch antenna
- Super-strong magnet for attaching to the car
- Water-repellent and non-slip on the bottom
- USB interface connector
- LED indicator for GPS fix or not fix

->LED OFF: Receiver switched off

->LED ON: No fixed network, signal search

->LED flashes: Position fixed

|                    |                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------|
| <b>General</b>     |                                                                                                            |
| <b>Chipset</b>     | MediaTek AG3335MN                                                                                          |
| <b>Frequency</b>   | GPS, Galileo, QZSS, SBAS : L1, 1575.42 MHz C/A code<br>GLONASS : L1, 1602 MHz<br>BeiDou : B1, 1561.098 MHz |
| <b>C/A code</b>    | 1.023 MHz chip rate                                                                                        |
| <b>Channels</b>    | 75 track verification channels                                                                             |
| <b>Sensitivity</b> | Tracking: -165 dBm                                                                                         |
| <b>Accuracy</b>    |                                                                                                            |
| <b>Accuracy</b>    | 3 meters, 2D RMS<br>2.5 meters, 2D RMS, SBAS enabled                                                       |
| <b>Velocity</b>    | 3 meters, 2D RMS 2.5 meters, 2D RMS, SBAS enabled                                                          |
| <b>Time</b>        | 1us synchronized to GPS time                                                                               |
| <b>Datum</b>       |                                                                                                            |
| <b>Default</b>     | WGS-84                                                                                                     |
|                    |                                                                                                            |

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| <b>Acquisition Time</b>         |                                                         |
| <b>Reacquisition</b>            | 0.1 sec., average                                       |
| <b>Hot start</b>                | < 1 sec., average                                       |
| <b>Cold start</b>               | < 33 sec<br>< 15 sec with AGPS                          |
| <b>Dynamic Conditions</b>       |                                                         |
| <b>Altitude</b>                 | 18,000 meters (60,000 feet) max                         |
| <b>Velocity</b>                 | 515 meters /second (1000 knots) max                     |
| <b>Acceleration</b>             | Less than 4g                                            |
| <b>Jerk</b>                     | 20m/sec                                                 |
| <b>Power</b>                    |                                                         |
| <b>Main power input</b>         | 4.5V ~ 6.5V DC input                                    |
| <b>Power consumption</b>        | 42mA @5V                                                |
| <b>Protocol</b>                 |                                                         |
| <b>Electrical level</b>         | Output voltage level: 0V ~ 2.85V                        |
| <b>Baud rate</b>                | 4800 bps, 8 data bits, no parity, 1 stop bit            |
| <b>Output message</b>           | NMEA 0183 GGA, GSA, GSV, RMC<br>GLL, VTG, ZDA, GRS, GST |
| <b>Physical Characteristics</b> |                                                         |
| <b>Dimension</b>                | 53mm diameter, 19.2mm height                            |
| <b>Cable Length</b>             | 1.5M                                                    |
| <b>Operating temperature</b>    | -40■ to +85■                                            |