



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

#### **General**

#### **Chipset**

#### **Frequency**

#### **C/A code**

#### **Channels**

#### **Sensitivity**

#### **Accuracy**

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**MediaTek AG3335MN**

**GPS, Galileo, QZSS, SBAS : L1, 1575.42 MHz**

**C/A code**

**GLONASS : L1, 1602 MHz**

**BeiDou : B1, 1561.098 MHz**

**1.023 MHz chip rate**

**75 track verification channels**

**Tracking: -165 dBm**

**3 meters, 2D RMS**

**2.5 meters, 2D RMS, SBAS enabled**

<b>Velocity</b>	<b>3 meters, 2D RMS 2.5 meters, 2D RMS, SBAS enabled</b>
<b>Time</b>	<b>1us synchronized to GPS time</b>
<b>Datum Default</b>	<b>WGS-84</b>
<b>Acquisition Time</b>	
<b>Reacquisition</b>	<b>0.1 sec., average</b>
<b>Hot start</b>	<b>&lt; 1 sec., average</b>
<b>Cold start</b>	<b>&lt; 33 sec &lt; 15 sec with AGPS</b>
<b>Dynamic Conditions</b>	
<b>Altitude</b>	<b>18,000 meters (60,000 feet) max</b>
<b>Velocity</b>	<b>515 meters /second (1000 knots) max</b>
<b>Acceleration</b>	<b>Less than 4g</b>
<b>Jerk</b>	<b>20m/sec</b>
<b>Power</b>	
<b>Main power input</b>	<b>4.5V ~ 6.5V DC input</b>
<b>Power consumption</b>	<b>42mA @5V</b>
<b>Protocol</b>	
<b>Electrical level</b>	<b>Output voltage level: 0V ~ 2.85V</b>
<b>Baud rate</b>	<b>4800 bps, 8 data bits, no parity, 1 stop bit</b>
<b>Output message</b>	<b>NMEA 0183 GGA, GSA, GSV, RMC GLL, VTG, ZDA, GRS, GST</b>
<b>Physical Characteristics</b>	
<b>Dimension</b>	<b>53mm diameter, 19.2mm height</b>
<b>Cable Length</b>	<b>1.5M</b>
<b>Operating temperature</b>	<b>-40°C to +85°C</b>