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

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