

59.95 EUR

incl. 19% VAT, plus shipping



- **MediaTek Chip !**
- **LED indicator for GPS fix !**
- **RS232 + PS/2 !**

BR-355N5 features Serial interface, high GNSS sensitivity, and low power consumption. The BR-355N5 is powered by High sensitivity GNSS solution. The BR-355N5 can provide you with superior sensitivity and performance even in urban canyon and dense foliage environment. The BR-355N5 supports 75 channel all-in-view tracking. BR-355N5 acquires and tracks satellites in the shortest time. The cable allows for easy routing to your equipment behind, headliners and side panels and terminates to a custom PS/2 connector.

In scope of supply included is a connector cable for RS232(Data)+PS/2(power).

- High sensitivity solution
- Very high sensitivity chipset (Tracking Sensitivity: -165 dBm)
- Extremely fast TTFF (Time To First Fix) at low signal level
- Support NMEA 0183 data protocol
- Built-in Backup power to reserve system data for rapid satellite acquisition
- Built-in patch antenna
- Super-cohesive magnetic for mounting on the car
- Water resistant and non-slip on the bottom
- USB interface connection port
- 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>	<b>MediaTek AG3335MN</b>
<b>Frequency</b>	<b>GPS, Galileo, QZSS, SBAS : L1, 1575.42 MHz C/A code GLONASS : L1, 1602 MHz BeiDou : B1, 1561.098 MHz</b>
<b>C/A code</b>	<b>1.023 MHz chip rate</b>
<b>Channels</b>	<b>75 track verification channels</b>
<b>Sensitivity</b>	<b>Tracking: -165 dBm</b>
<b>Accuracy</b>	
<b>Accuracy</b>	<b>3 meters, 2D RMS 2.5 meters, 2D RMS, SBAS enabled</b>
<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</b>	
<b>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>

**Operating temperature**

**-40°C to +85°C**