



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

|         |                   |
|---------|-------------------|
| General |                   |
| Chipset | MediaTek AG3335MN |

|                          |                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------|
| Frequency                | GPS, Galileo, QZSS, SBAS : L1, 1575.42 MHz C/A code<br>GLONASS : L1, 1602 MHz<br>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<br>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<br>< 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<br>GLL, VTG, ZDA, GRS, GST                                                    |
| Physical Characteristics |                                                                                                            |
| Dimension                | 53mm diameter, 19.2mm height                                                                               |
| Cable Length             | 1.5M                                                                                                       |
| Operating temperature    | -40■ to +85■                                                                                               |