



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

- WAAS ENGOS
- MR-350S4

**Support:** [Win 7/8.1/10 Driver](#) | [Win 11 Driver .inf](#)

- Compatible with CarPC/Notebook
- Connection cable length ~4,40m
- Sirf Star IV chipset
- Protocol: NMEA 0183 V3.0 (GGA, GSA, GSV, RMC)
- Connector : Custom PS/2 + USB
- waterproof casing IPx7, screwable M24
- WAAS ENGOS is supported

**Note :** The connector cable of the GPS receiver has an round plug. This enables you to easily put the cable through the drilling hole. An adapter for USB is included in scope of supply.

#### Specification

Chipset■SiRF Star IV  
Frequency■L1, 1575.42 MHz  
C/A code■1.023 MHz chip rate  
Channels■48 channel all-in-view tracking  
Sensitivity■ -163 dBm  
Update rate : 1Hz / 5Hz  
Accuracy  
Position■<2.5m  
Velocity■<0.01 m/s  
Time■1us synchronized to GPS time  
Datum  
Default■WGS-84  
Acquisition Time  
Reacquisition■0.1 sec., average  
Hot start■<1 sec.  
Warm start■<35 sec. (<15s with CGEE)  
Cold start■<35 sec. (<15s with CGEE)

**Dynamic Conditions**

Altitude■18,000 meters (60,000 feet) max

Velocity■515 meters /second (1000 knots) max

Acceleration■Less than 4G

Jerk■20m/sec x 3

**Power**

Main power input■4.5V ~ 6.5V DC input

Power consumption■70mA

**Protocol**

Baud rate■4,800 bps

Output message■NMEA 0183 GGA, GSA, GSV, RMC, VTG, GLL

**Physical Characteristics**

Dimension■62mm diameter, 21mm height

Cable length■4.5 meters(15 feet)

Operating temperature■ -40°C to +85°C