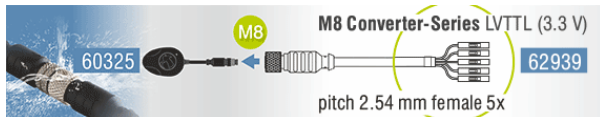


# Navilock NL-3330 M8 Serial Multi GNSS Receiver MT3333 0.5 m

## Description

The M8 serial multi GNSS Receiver based on MT3333 chipset has a built-in antenna for high sensitivity. It is possible to use this GNSS receiver with a laptop and suitable routing software for navigation. The M8 universal connector is waterproof and enables the connection of [optional connecting cables](#) with many different connectors.


**MEDIATEK**
**MT3333**


## Specification

- Connector: 1 x M8 Navilock waterproof connecting plug
- Chipset vendor / type: MediaTek MT3333
- Frequency:
  - GALILEO: E1, 1575.4200 MHz
  - GPS: L1, 1575.4200 MHz
  - GLONASS: G1, 1602 (k x 0,5625) MHz
- Channels: 33 tracking, 99 acquisition
- Supports NMEA 0183 V3.01 protocols: GGA, GSA, GSV, RMC, VTG
- Baud Rate: 9600 bps
- Update rate: 1 - 10 Hz
- Sensibility: max. -165 dBm
- Cold start in ca. 34 seconds
- Hot start in ca. 1 second
- Reacquisition in ca. 1 second average
- Positioning accuracy:
  - 2.5 m CEP (Circular Error Probable)
  - 2.0 m CEP with SBAS (Circular Error Probable)
- Speed: 0.1 m/s
- Datum: WGS 84
- Dynamic limits:
  - Acceleration limit: smaller than 4 g
  - Height limit: 18000 m
  - Speed limit: 515 m/s
- Power supply: 5 V DC
- Current consumption: max. 45 mA
- Protection class: IPX6
- Magnetic, non-slip on the bottom
- LED-indicator for GPS status
- Operating temperature: -20 °C ~ 60 °C
- Cable length: ca. 0.5 m
- Dimensions (LxWxH): ca. 65 x 45 x 22 mm

## System requirements

- Windows Vista/7/8/8.1/10, Linux Kernel 2.6
- M8 connection cable

## Package content

- M8 serial receiver
- Navilock support CD incl. driver and user manual

## Item no. 60325

EAN: 4043619603251

Country of origin: Taiwan, Republic of China

Package: Retail Box



Images



General	
Protection category:	<b>standard</b> IPX6
Suitable for outdoor:	<b>standard</b> yes
Interface	
connector:	<b>standard</b> 1 x M8 plug
Technical characteristics	
Operating voltage:	<b>standard</b> 5 V DC
Chipset:	<b>standard</b> MediaTek MT3333
Frequency range:	<b>standard</b> GALILEO: E1 1575.4200 MHz GLONASS: G1, 1602.0000 (k x 0.5625) MHz GPS: L1, 1575.4200 MHz
Operating temperature:	<b>standard</b> -20 °C ~ 60 °C
Current consumption:	<b>standard</b> 45 mA
Sensibility:	<b>standard</b> -165 dBm
Update rate:	<b>standard</b> 1 - 10 Hz
Physical characteristics	
Housing colour:	<b>standard</b> black
Cable length incl. connector:	<b>standard</b> 0.5 m
Length:	<b>standard</b> 65 mm
Width:	<b>standard</b> 45 mm
Height:	<b>standard</b> 22 mm