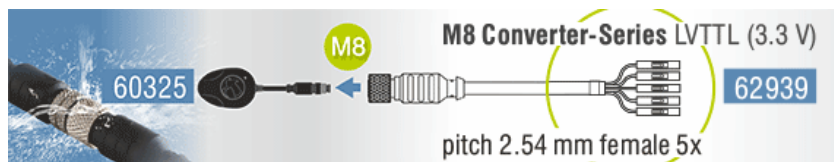


# NL-3330 M8 Serial Multi GNSS Receiver MT3333 0.5 m

## Descriere scurta

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.



**Nr. 60325**

EAN: 4043619603251

Țara de origine: Taiwan,  
Republic of China

Pachet: Retail Box

## Detalii tehnice

- 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

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## Cerinte de sistem

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

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## Pachetul contine

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

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## Imagini



## General

Protection class:	IPX6
Suitable for outdoor:	yes

## Interface

Connector:	1 x M8 male
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## Technical characteristics

Operating voltage:	5 V DC
Chipset:	MediaTek MT3333
Frequency range:	GALILEO: L1 1575.4200 MHz GLONASS: G1, 1.6020000 (k x 0.5625) GHz GPS: L1, 1,5754200 GHz
Operating temperature:	-20 °C ~ 60 °C
Current consumption:	45 mA
Sensitivity:	-165 dBm
Update rate:	1 - 10 Hz

## Physical characteristics

Housing colour:	black
Cable length incl. connectors:	0.5 m
Length:	65 mm
Width:	45 mm
Height:	22 mm

## Manufacturer information

Stradă	Beeskowdamm 13/15
Cod poștal	14167
Oraș	Berlin
Țară	Deutschland
E-mail	info@navilock.de

Site web

[www.navilock.de](http://www.navilock.de)