

# Navilock NL-701US USB 2.0 GPS Receiver u-blox 7

## Description

The USB GPS receiver based on u-blox 7 chipset has a built-in antenna for high sensitivity. It is possible to use this GPS receiver with a laptop and suitable routing software for navigation. Due to its compact design it is the ideal companion on every tour.



**Item no. 60169**

EAN: 4043619601691

Country of origin: Taiwan,  
Republic of China

Package: Retail Box

## Technical details

- Connector: 1 x USB 2.0 Type-A male
- Chipset: u-blox UBX-G7020-KT
- Frequency:
  - GPS: L1, 1575.4200 MHz
  - GLONASS: L1, 1602 (k x 0.5625) MHz
  - QZSS: L1, 1575.4200 MHz
- Accepts the signals of up to 56 satellites at the same time
- Supports AssistNow online / offline, SBAS (WAAS, EGNOS and MSAS)
- Supports NMEA 0183 protocols: GGA, GSA, GSV, RMC, VTG, TXT
- Baud Rate: 9600 bps
- Update rate: 1 Hz
- Sensibility: -162 dBm tracking / -148 dBm acquisition (GPS)
- Operating temperature: -20 °C ~ 60 °C
- Power supply: 5 V DC
- Current consumption: max. 40 mA
- Cold start in ca. 29 seconds
- Hot start in ca. 1 second
- Positioning accuracy:
  - 2.5 m CEP (Circular Error Probable)

- 2.0 m CEP with SBAS (Circular Error Probable)
- Dimensions (LxWxH): ca. 65.5 x 23.0 x 11.0 mm

---

## System requirements

- Linux Kernel 2.6 or above
- Windows 10/10-64/11
- Laptop or tablet with a free USB Type-A port

---

## Package content

- USB 2.0 receiver
- USB extension cable
- Navilock support CD incl. driver and user manual

---

## Images



### Technical characteristics

Operating voltage:	5 V DC
Chipset:	u-blox UBX-G7020-KT
Frequency range:	GLONASS: G1, 1.6020000 (k x 0.5625) GHz GPS: L1, 1,5754200 GHz QZSS L1, 1575.4200 MHz
Operating temperature:	-20 °C ~ 60 °C
Current consumption:	max. 40 mA
Sensibility:	- 162 dBm tracking - 148 dBm acquisition
Update rate:	up to 10 Hz

### Physical characteristics

Length:	60.0 mm
Width:	18.2 mm
Height:	12.0 mm