

TATVIK GNSS100 (2025) GPS Receiver

Product Details:

Make: TATVIK

Model Number: TATVIK GNSS100 (2025)

Description:

Tatvik GNSS100 GPS Receiver is highly accurate GPS receiver using GN03-A1 chipset. It supports all International standards which include NMEA 0183 protocol. GN03-A1 is a highperformance dual-band (L1/L5) GNSS/IRNSS positioning module. It supports the global civil navigation systems, including GPS, NavIC, BDS, GLONASS, Galileo, and QZSS. GNSS100 is UIDAI approved for enrolment kit. It supports Windows and Linux operating systems. Magnetic base provides non-slip on bottom.

Functionalities:

1. Connector: USB 3.0 Type A male.
2. Neoway GN03-A1 chipset.
3. Frequency: NavIC: L5 1176.45 MHz,
GPS: L1, 1575.4200MHz
4. Accepts the signals of up to 72 satellites at the same time
5. Supports NMEA 0183 protocols: GGA, GSA, GSV, RMC, VTG
6. Auto Baud Rate up to 115200 bps
7. Sensibility max 167 dBm
8. IPX6 protection class
9. Magnetics, non-slip on the bottom
10. LED-indicator for GPS-status
11. Operating temperature: -35° C ~80° C
12. Power Supply: 5 Volt
13. Current consumption: max 45 mA
14. Cold start in ca. 26 seconds
15. Hot start in ca. 1 second
16. Positioning accuracy: 2.5 m CEP (Circular Error Probable) and 2 m CEP with SBAS
17. Cable Length: ca. 1.5m
18. Dimension (LxWxH): ca. 52 x 52 x 22 mm



Applications:

- Location identification for work station.