

**SPECIFICATIONS OF GPS RECEIVER
GP-320B**

1 GENERAL

- 1.1 Receiving channels
 - GPS 12 channels parallel, 12 satellites tracking
 - WAAS 1 channel
- 1.2 Rx frequency 1575.42 MHz
- 1.3 Rx code C/A code, WAAS
- 1.4 Position accuracy
 - GPS 10 m (95% of the time, HDOP \leq 4)
 - DGPS 5 m (95% of the time, external data required)
 - WAAS 3 m (95% of the time)
- 1.5 Tracking velocity 999 kt
- 1.6 Position-fixing time Warm start: 12 s approx., Cold start: 90 s approx.
- 1.7 Position update interval 1 s

2 INTERFACE

- 2.1 Data format IEC 61162-1 (NMEA 0183 Ver 2.30)
- 2.2 Data sentences
 - Input DGPS: RTCM SC-104, Control command
 - Output DTM, GGA, GLL, RMC, VTG, ZDA (default setting)

3 POWER SUPPLY

12-24 VDC: 105-55 mA

4 ENVIRONMENTAL CONDITION

- 4.1 Ambient temperature -25°C to +70°C
- 4.2 Relative humidity 95% at 40°C
- 4.3 Degree of protection IPX6
- 4.4 Vibration IEC 60945

5 UNIT COLOR

N9.5