



FEATURES

- NTP Reference for Ethernet LANs in self-contained box
- Time synchronized to atomic clock in GPS satellites providing Stratum 1 accuracy
- Typical holdover stability of 1ppb/day (<7 sec/year) using high precision internal OCXO during GPS loss.
- NTP query(unicast), multicast, or broadcast modes
- Assignable network configuration
- Telnet or serial interface – Discovery Tools included.
- Uses state-of-the-art 8 channel Trimble receiver module
- Includes pre-amplified antenna, antenna cable, and mounting kit
- Rack mountable in our RM4 or standalone
- 115/220 VAC or 9-28 VDC operation

SPECIFICATIONS

Outputs

- NTP reference for query(unicast), multicast, or broadcast mode – user definable

Rack Mount

- Optional rack mount kit is available - RM4

Connectors

- RJ45, 10/100 MB / sec Ethernet connection
- Antenna - SMA
- DC input - 2 mm jack

Physical

Size: 6.75 x 4.13 x 1.5 in
17.15 x 10.48 x 3.81 cm **Weight:** 17.3 oz
490.5 g

Case

- Cover - off-white aluminum
- Front/rear panel - clear anodized aluminum

Antenna

- A weather-proof, pre-amplified antenna is included with 16'/5m of coaxial cable. An optional antenna kit is available with antenna, 50'/15m cable and antenna mounting bracket

Time Reference

- When synchronized to atomic clocks in GPS satellites the long term accuracy of the NTP100 is the same as the atomic clock of the GPS
- After initial synchronization and (if) upon loss of GPS signal the NTP100 will revert to an internal temperature compensated crystal oscillator and typically maintain accuracy of <165 ms per day.

Power Supply

- 9-28VDC input. Includes an external 12 VDC wall mount power supply with locking DC plug, UL & CE listed
- 115/220, 50/60 Hz, < 10 W Power AC Input
- Supplied with your choice of US, Euro, British or AUS/NZ plug - others optionally available

Compliance

- CE Marked – Available for sale in EU
- FCC, Part 15, Class B, emissions

Operating Temperature and Humidity

- Temperature: 0 to +50°C (0 to 40°C ±1 min/year)
- Humidity: Up to 90% (non-condensing at 25°C)