



NTP100-GPS

MASTER CLOCK NTP REFERENCE

FEATURES

- NTP Reference for Ethernet LANs in self-contained box
- Time synchronized to atomic clock in GPS satellites providing Stratum 1 accuracy
- NTP query or broadcast mode
- Assignable network configuration
- Telnet or serial interface – Discovery Tools included.
- Uses state-of-the-art 12 channel Trimble receiver module
- Includes pre-amplified antenna, antenna cable, and mounting kit
- Rackmountable in our RM4 or standalone
- 115/220 VAC or 9-28 VDC operation



**NTP100-GPS
Front**



**NTP100-GPS
Rear**

SPECIFICATIONS

OUTPUTS

- NTP reference for query or broadcast mode – user definable

RACKMOUNT

- Optional rack mount kit is available - see RM-4

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 - pearl white aluminum
- Front/rear panel - clear anodized aluminum

CONNECTORS

- RJ45, 10/100 MB / sec Ethernet connection
- Antenna - SMA

TIME REFERENCE

- When synchronized : Atomic clocks in GPS satellites - long term accuracy same as GPS atomic clock
- After initial synchronization and (if) upon loss of GPS signal the NTP100 will revert to an internal calibrated oscillator and typically maintain accuracy of <50 ms per day.
- Accuracy when not synchronized: internal quartz crystal (.01%)

POWER SUPPLY

- 12 VDC external wall mount supplied, UL & CE listed
- 115/230, 50/60 Hz
- Supplied with US, Euro-plug, British or AUS/NZ - others optionally available

ANTENNA

- A weather-proof, pre amplified antenna is included with 15'5m of coaxial cable.