



FEATURES

- NTP Reference for Ethernet LANs in selfcontained box
- NTP time synchronized to an internal precision oven controlled crystal oscillator (OXCO) for typical stability of 1 ppb/day (< 7 sec/year) after 30 days of aging.
- NTP query (unicast), multicast, or broadcast modes
- Assignable network configuration
- Telnet or serial interface – Discovery Tools included
- Rack mountable in our RM4 or standalone
- 115/220 VAC or 9-28 VDC operation

SPECIFICATIONS

NTP Time Accuracy

- After initial input of time setting and 30 days aging the NTP100-OSC will typically maintain stability of 1ppb/day (<19mS/day) or <7 sec/year using an internal high precision OCXO (oven controlled crystal oscillator) and battery backed real-time clock circuit.

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
- DC input - 2 mm jack

Physical

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

Case

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

Setup and Control Software

- Supports DHCP/BOOTP for automatic acquisition of network address, nameservers, and time server configuration.
- Provides dynamic configuration for networking parameters.
- Configure clocks through provided network WinDiscovery tool or TELNET
- Network discovery tool provides automatic discovery of NTP clocks attached to network without changing PC's networking configuration.
- Configuration is saved to non-volatile memory and survives power losses.
- Encrypted network messages prevent unauthorized tampering of clock configuration.

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

Operating Temperature and Humidity

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