



FEATURES

- NTP Reference for Ethernet LANs in selfcontained box
- Time synchronized to internal precision temperature compensated crystal oscillator (TXCO)
- NTP query (unicast), multicast, or broadcast modes
- Assignable network configuration
- Telnet or serial interface – Discovery Tools included
- Rack mountable in our RM4 or standalone
- After initial input of time setting the NTP100-OSC will typically maintain accuracy of ± 1 min/year or < 165 ms per day using an internal TCXO and battery backed real-time clock circuit.

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
- 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

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)

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