

# NTP1061 Network Time Server

Indoor/Outdoor with POE



## DATASHEET

### Overview

The NTP1061 is a Network Time Server that synchronizes with GPS satellites to provide Stratum 1 level time accuracy to devices on a network. Configuration and real-time status information is easily accessed through an intuitive web interface. A single POE network cable is all that is needed to both power and connect to the network. The single assembly integrates both the time server and antenna.

### Time Server

- Stratum 1 with GPS
- Self-contained, stand or pole mount
- Single POE connection for data and power
- Multi-constellation GNSS receiver: Concurrent reception of all major GNSS satellite constellations. QZSS and SBAS enabled.
- NTP accuracy: < 1us
- NTP Server Time Precision: Better than 1ms + network jitter.
- Can service up to 10,000 requests per second
- Web interface for configuration and viewing satellite data, HTTP/HTTPS
- Security certificates: ACME, auto-generated on device, or customer generated.
- Supports NTPv3 (RFC1306) and NTPv2 (RFC1119)
- Simple Network Time Protocol (RFC1769/2030/4330)
- 10/100Mbps Ethernet interface
- IPv4/IPv6, DHCP, DHCPv6, HTTP, HTTPS, TLS 1.3
- LEDs for network link, activity and speed

### Hardware

- Power Input: POE 44 - 57VDC, < 2W
- Dimensions: 6.5" (165mm) tall x 2.25" (57mm) dia
- Weight: 110 grams (3.9 ounces)
- Operating range: -40 to +85C
- Storage temperature: -40 to +85C
- Enclosure Outdoor Rating: IP65



### Compliance/Directives/Safety

- CE
- RoHS
- FCC part A
- Directives: LVD 2014/35/EU, EMC 2014/30/EU, Safety 2006/95/EU, RTT&E 2014/53/EU
- Safety: IEC 60950-1:2005 (2nd ed)/AM 1:2009/AM 2:2013, EN 60950-1: 2ed. 2006/A11 : 2009/A1 : 2010/A12 : 2011/A2:2013

