



# KN-NTP101

## KN-NTP Master NTP time server

NTP time servers provide accurate timing to networks. Each NTP time server device can operate on a local area network (LAN) or act as an enterprise-wide source for legally-traceable time and date distribution, depending upon your network configuration requirements. KNTECH NTP time servers are compatible with IPv4/IPv6 networks.

NTP time servers is an NTP (Network Time Protocol) server that synchronizes to GPS satellites and distributes NTP reference signals via Ethernet. When synchronized to the atomic clocks in GPS and GLONASS satellites, the long term accuracy of the device is the same as the atomic clock of the GNSS.

Model	KN-NTP Master NTP time server
Network Interface	Using RJ45 Gigabit interface (10/100 / 1000M Ethernet adaptive)
Reset switch	Support, Web configuration
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	DC12V/AC110~240V
Network Compatibility	NTP unicast, multicast, or broadcast mode NTP v2 (RFC 1119) Support NTP v3 (RFC 1306) Support NTP v4 (RFC 5905) Support DHCPv4, DHCPv6 for automatic acquisition of network address, name servers, and timeserver configuration Telnet/SSH communication IPv4/IPv6 compatible SNMP with custom MIB
Global universal power supply	Input: 100 ~ ~ 240VAC, 50 / 60Hz;
Weight	Equipment weight: 3.5 Kg; Package weight: 5.6 Kg
Use the environment	Operating environment: 32 - 113°F / 0 ~ 45°C, humidity 10 - 90% (No condensation), Storage environment: 14 - 140°F / - 10 ~ ~ 60°C, humidity 10 - 90% (No condensation)
Size	430mm (L) x 280mm (W) x 44mm (H) IU standard
Installation	Desktop or cabinet installation
Multi-language support	Web user interface supports English / Simplified Chinese, customizable IVR / voice prompts in English, Chinese

