

ALLNET Netzwerk NTP GPS Server ALL-NTP-101

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EAN CODE



The ALLNET NTP Server is a time server based on the NTP (V2, V3, V4) / SNTP protocol. It obtains standard UTC time information from the GNSS satellite receiver and transmits this information on the network. Devices that need time signals in the network, such as computers and controllers, can synchronize with the standard clock signal to realize the network timing function. The standard clock signals are transmitted through the TCP/IP network and support point-to-point and broadcast transmission modes.

The product is easy to operate. Just connect the GNSS satellite antenna and the whole network can synchronize the time.

The product has small size and structure, convenient installation, extremely low power consumption and is plug and play.

Technical data:

- Up to 6000 visits per second
- Webui interface, convenient and fast management
- LAN synchronous time accuracy: 0.5-2ms
- Internally integrated GNSS satellite receiver with high precision time measurement
- Supports GPS, Beidou, GLONASS and QZSS
- NTP v2 (RFC 1119), NTP v3 (RFC 1305), NTP v4 (RFC5905)
- SNTP v3 (RFC 1769), SNTP v4 (RFC 2030)
- Supports MD5 information verification
- Supports server and broadcast working modes;
- Ethernet port supports 10 / 100M, full duplex and half duplex and supports auto-negotiation mechanism
- Supports user-defined MAC addresses
- NMEA0183 is transmitted via TCP protocol



- Compact structure and convenient installation
- Power consumption is only 1W
- Industrial operating temperature range

Scope of delivery:

1x GPS time server ALL-NTP101, 1x power supply 12V, 1x GPS antenna with 10m cable, 1x manual

Accessories

Part No.	Name
210354	ALLNET PoE Splitter-Mini/Extractor / Gigabit / 24W / 5V/12V Switchable / ALL-PS102G-AF-AT
186548	ALLNET PoE Injector Gigabit PoE & PoE+ (15,4W/30W) / plastic
134571	ALLNET ALL3419 / IP Building-Autom. 3x I2C, 1x USB, LAN/WLAN
98686	ALLNET MSR control center "ALL3500v2" incl. 4 sensor ports & WLAN for IP building automation
101636	ALLNET ALL3500PoE / IP Homeautomation Appliance
221638	ALLNET MSR IO Central Switching Power Strip 6-way incl. Meter for Desktop & 19" Mounting "ALL4176v3" for IP Building Automation
172091	ALLNET MSR IO control unit ALL4175v2 / Network switching device 4-gang relay 230VAC/10A
101241	ALLNET ALL3692 / Smart-Meter-Gateway PM3 4x D0 Connectors
109096	ALLNET ALL3697-32A / PM4 DIN-Rail Powermeter 32A 3 phase
118725	ALLNET ALL3696 / Powermeter ALL3696 IP with 2x induction
105571	ALLNET spare power supply 12V/2,0A
149666	ALLNET spare power supply add. DC Jack ->DC plug adapter 5.5/2.1mm -> 5.5/2.5mm