

GPS NTP Server



WNTPS - 2



Network Time Server with Embedded NTP/SNTP, TIME/UDP

WNTPS-2 is a compact GPS based time synchronization device that works on NTP & SNTP protocols. Designed with needs of time synchronization for security and commercial applications.

Why Time sync?

DVRs, Access control, Time Clocks, ATMs, Building management systems (BMS), IP Cameras, NVRs all play a crucial role in security. Many of these devices use different networks and fire walls and keeping these various devices time synced is important for integration and event analysis. With WNTPS-2 NTP server crucial evidence will not become invalid due to difference in time stamp.

Network:

WNTPS-2 seamlessly integrates in to any network using a fixed IP address or DHCP. Easy configuration using network interface makes it easy to setup and operate in seconds. Integrated 10/100 fast Ethernet & powerful CPU can process more than 500 NTP requests per second. Multiple protocols such as ARP, IP, UDP, ICMP, SNMP, TCP, TFTP, NTP/SNTP, Time/UDP makes easy integration to any secure or non-secure network environment.

GPS Computer clock:

Integrated Hi gain GPS receiver can track up to 12 satellites. This feature will enable the user to position the GPS antenna easily on any location for satellite signal. Available Hi power antenna can extend the installation up to 1000meters.

Display:

Built-in LED displays will show status for easy analysis such as Power, Rx, Tx, Link, Satellite, Sync, Lost.

Installation:

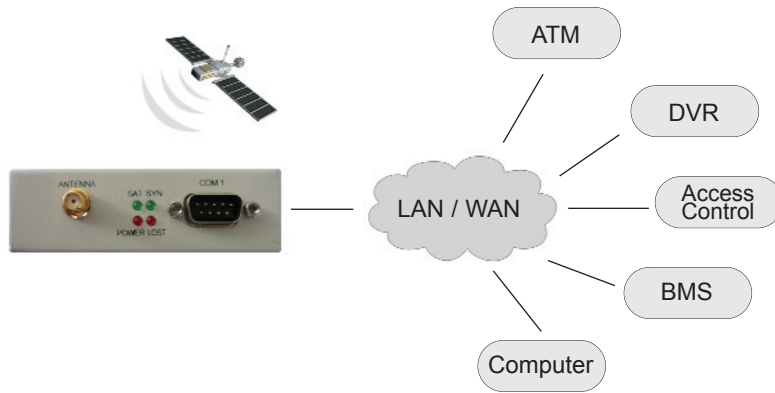
WNTPS-2 KIT comes ready to install surface or wall mount. The KIT includes Power supply, GPS antenna, NTP server and Client utility software.

Use:

WNTPS-2 can be used for synchronization of time in Banks, Military, Schools, Factories, Warehouses, Shopping malls, Production line, Security industry, Airports, etc.



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FEATURES:

- ❖ Ready-to-operate Secure Stratum 1 NTP Time Server
- ❖ Support for NTP and SNTP compatible clients
- ❖ Incorporates a GPS Computer Clock, tracks up to 12 satellites
- ❖ Front Panel display for Time and Satellite Status
- ❖ Configured across network via a windows configuration utility
- ❖ Flash memory enables software to be upgraded
- ❖ RJ-45 Ethernet interfaces 10/100 M Bit
- ❖ Digital wall clocks synchronized via network are optional
- ❖ Includes GPS active antenna 10m (30ft)
- ❖ Optional GPS antenna cable length up to 1000m (3000ft)
- ❖ YSLOG error reporting
- ❖ Wall mountable
- ❖ Includes power adaptor

SPECIFICATIONS:

Protocol	ARP,IP,UDP,ICMP,SNMP,TCP,TFTP,NTP/SNTP,time/UDP
Network Port	10/100m, 1 RJ45
Serial Port	DB9(male) RS-232/RS-485
Serial Output	9600,8,O,1,NMEA0183 Format
GPS Receiver	Trimble GPS receiver
Time Precision	1~10ms(depend on network load)
Ethernet Protocol	Ethernet V2.0/IEEE 802.3,Token Ring802.2LLC
Power	+9VDC,200mA
Certifications	CE, FCC, RoHS rated
Operating Temp	0°C to +50°C
Humidity	10% ~ 90%
Dimension	115 x 80 x 25mm
Warranty	1 year

All product specifications on this brochure are subject to change without notice.

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