

GPS- NTP Time Server & Slave Clocks

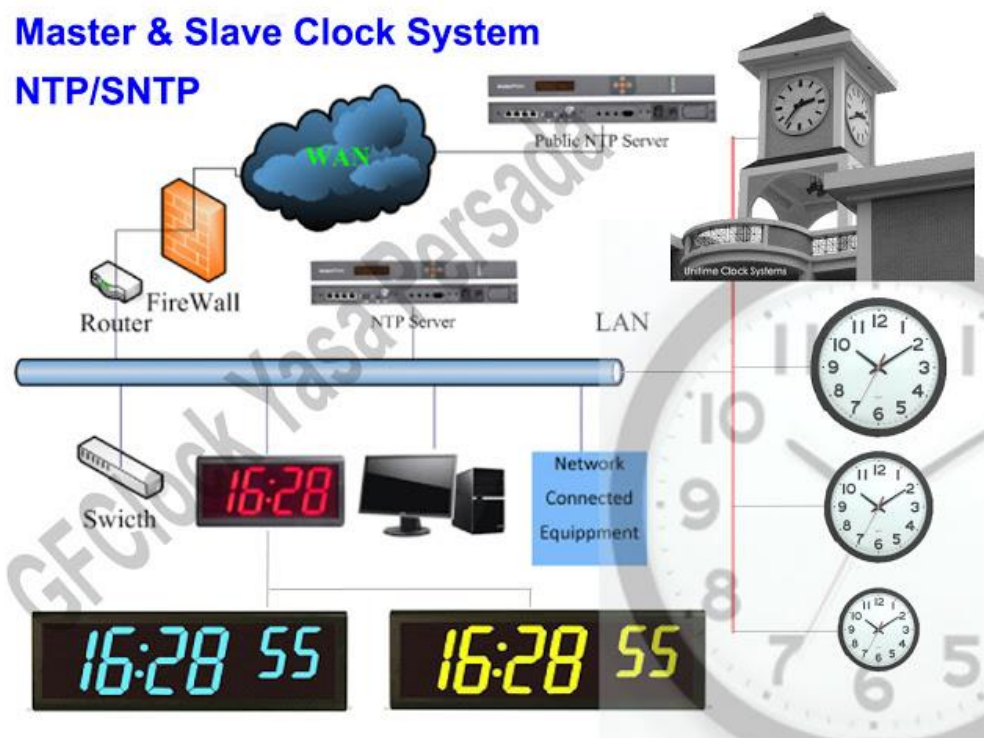
Quotation

To:
VALUED CUSTOMERS
JAKARTA

Date: 3 January 2023

Product Item

- GlobalTime GPS - NTP Master Clock GTT Series
- GlobalTime, type: GTD368 (Digital Clock)



<http://yasapersada.co.id>

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Perbaikan Dokumen

Tanggal	Versi	Keterangan	Pembuat
13 August 2021	0.1	First Initial	Anggono Basuki
3 January 2023	0.1	Review and Update	Anggono Basuki

Distribusi Dokumen

Nama	Jabatan
Anggono Basuki	GFClock Yasapersada

Penawaran dan Daftar Harga 2023

To	: VALUED CUSTOMERS	No.	: GFQ202301-03-R03
Add	: INDONESIA	Tanggal	: 3 January 2023
TELP	: _____	Waktu	: 1 Bulan
FAX	: _____	Pembayaran	: 100% when shipment
E-MAIL	: _____	Garansi	: 12 Bulan

GPS - NTP Master Clock GTT100

1	NTP Master Clock Includes GPS	GTT-100	1	calls
	Key Features: <ul style="list-style-type: none"> • Synchronization options: GPS • Adopt RFC1119/1305 NTP protocol (Network Time Protocol) to transfer time • RFC1769/2030 SNTP protocol (Simple Network Time Protocol) support • Different client programs support: Windows 98/2000/NT/XP, Linux, Unix, etc • 10M/100M/1000M adaptive network interface • Supports 60.000 terminals (sync every minute at terminal) • Supports HTTPS, can be managed through logging on Web. 			
	Performance: <ul style="list-style-type: none"> • Server Time Level: Stratum 1 • Server time precision: 1ms • Precision of client time: 10ms • MTBF:> 90,000 hours 			
	Network protocol support <ul style="list-style-type: none"> • NTP/SNTP, 10M/100M adaptive Ethernet • SSH, FTP, DHCP 			
	Power supply and the environment: <ul style="list-style-type: none"> • Power supply: 10W, 110 ~ 264V AC • Temperature: -10~65 °C, humidity: 0 ~ 90% 			
Installation: 1U standard rack mount CE/RoHS certified				
GPS Antenna & cable 40 m			includes	
Power Line & Manual			Free	
Support for Commissioning Test by remote assistance			Lots	

GPS - NTP Master Clock GTT200

2	NTP Master Clock Includes GPS	GTT-200	1	calls	
	<p>Key Features:</p> <ul style="list-style-type: none"> • Synchronization options: GPS • Adopt RFC1119/1305 NTP protocol (Network Time Protocol) to transfer time • RFC1769/2030 SNTP protocol (Simple Network Time Protocol) support • Different client programs support: Windows 98/2000/NT/XP, Linux, Unix, etc • Two 10M/100M/1000M adaptive network interfaces. Supports 60.000 terminals (sync every minute at terminal) • TOD/1PPS/10MHz output support (optional). • IRIG input and output, and 1PPS input and output (optional) • Redundancy configuration support (optional if buy two nodes) • Supports HTTPS, can be managed through logging on Web. <p>Performance:</p> <ul style="list-style-type: none"> • Server Time Level: Stratum 1 • Server time precision: 1ms • Precision of client time: 10ms • MTBF:> 90,000 hours <p>Network protocol support</p> <ul style="list-style-type: none"> • NTP/SNTP, 10M/100M adaptive Ethernet • SSH, FTP, DHCP <p>Power supply and the environment:</p> <ul style="list-style-type: none"> • Power supply: 10W, 110 ~ 264V AC • Temperature: -10~65 °C, humidity: 0 ~ 90% <p>Installation: 1U standard rack mount CE/RoHS certified</p>				
	GPS Antenna& cable 40 m				includes
	Power Line & Manual				Free
	Support for Commissioning Test by remote assistance				Lots

GPS - NTP Master Clock GTT400

3	NTP Master Clock Includes GPS	GTT-400	1	calls	
	<p>Key Features:</p> <ul style="list-style-type: none"> • Synchronization options: GPS • Adopt RFC1119/1305 NTP protocol (Network Time Protocol) to transfer time • RFC1769/2030 SNTP protocol (Simple Network Time Protocol) support • Different client programs support: Windows 98/2000/NT/XP, Linux, Unix, etc • Four 10M/100M/1000M adaptive network interfaces. Supports 60.000 terminals (sync every minute at terminal) • TOD/1PPS/10MHz output support (optional). • IRIG input and output, and 1PPS input and output (optional) • Redundancy configuration support (optional if buy two nodes) • Supports HTTPS, can be managed through logging on Web. <p>Performance:</p> <ul style="list-style-type: none"> • Server Time Level: Stratum 1 • Server time precision: 1ms • Precision of client time: 10ms • MTBF:-> 90,000 hours <p>Network protocol support</p> <ul style="list-style-type: none"> • NTP/SNTP, 10M/100M adaptive Ethernet • SSH, FTP, DHCP <p>Power supply and the environment:</p> <ul style="list-style-type: none"> • Power supply: 10W, 110 ~ 264V AC • Temperature: -10~65 °C, humidity: 0 ~ 90% <p>Installation: 1U standard rack mount CE/RoHS certified</p>				
	GPS Antenna & cable 40 m				includes
	Power Line & Manual				Free
Support for Commissioning Test by remote assistance		Lots			

GPS - NTP Master Clock



Features

- Stratum 1 operation via GNSS satellites
- One two four standard GbE ports, all with patented NTP hardware timestamping
- Security-hardened NTP Reflector™ with firewall protection
- Web-based management with high-security cipher suite
- Exceptional time accuracy to UTC
- Extended environmental specifications
- IPv4 on all ports
- Rubidium atomic clock or OCXO oscillator upgrades²
- Single power supply or dual power supply option
- GLONASS BeiDou SBAS option
- Can be set as a slave time server to synchronize with host time server
- ONE/TWO/FOUR 10M 100M 1000M adaptive network interface
- NTP Reflector option: 20000 NTP client mode three requests per second
- TOD/1PPS/10MHz out
- MTBF: 90000 Hours

Applications

- Synchronizes hundreds of thousands of NTP clients
- Security-hardened for peace-of-mind time service operations
- Multiple GbE NTP ports for easy network configuration and adaptation
- Best-in-class time accuracy for improved log file timestamp precision and usability
- Very reliable and easy-to-use network time appliance for modern networks and business operations

Network Protocols

- RFC 1119 1305 NTP v2/v3/v4
- RFC 1769 2030 SNTP v2/v3/v4
- TIME
- DAYTIME

Time Server – Master and Slave Clock System

- SNMP v1/v2/v3
- SSH, HTTPS, FTP

Mechanical/Environmental



- Size: 44cm x 28.6cm x 4.5cm, 1U rack mount, including BNCs
- Power: 10W, 110-230V AC
- Operating temperature: -10°C~65°C
- Storage temperature: -40°C~85°C
- Operational humidity: 0~90%, non-condensing, IEC 60068-2-78Cb, IEC 60068-2-30Db

Comparison Chart

Comparison Chart of Different Models

Model		GTT100	GTT200	GTT400
Time Source		GPS/GLONASS	GPS/GLONASS	GPS/GLONASS External Serial Port
No. of 10M 100M Adaptive Interface		1	2	4
Built- in Clock		Rubidium oscillator	Rubidium oscillator	Rubidium oscillator
Terminal Support		60000	60000	60000
Keyboard		Yes	Yes	Yes
Protocol Support	SNMP	Yes	Yes	Yes
	HTTPS	Yes	Yes	Yes
	TIME	Yes	Yes	Yes
	DAYTIME	Yes	Yes	Yes
Options	TOD 1PPS 10MHz	Yes	Yes	Yes
	IRG-B	Yes	Yes	Yes
Heartbeat Detection		No	Yes	Yes

NTP Slave Clock - Digital Display

No.	Item Descriptions	Model	Qty	Unit Price IDR/unit	Total IDR
4	<p>NTP Digital Slave Clock - Indoor</p> <p>Features</p> <ul style="list-style-type: none"> • 4"(10.2cm), - 6-digit - hh:mm:ss or 4"(10.2cm), - 4-digit - hh:mm • Available in double-sided—only a display screen is needed • Time is automatically set by Simple Network Time Protocol (SNTP) • DHCP or Static IP addressable • Power over Ethernet (IEEE802.3af POE) or – 12VDC Power • All international time zones • Daylight saving time selectable • Receive time from Network or Time sever- No master clocks required • Installation options: Surface, Pendant, Cantilever • Brightness available in 4 levels • 12/24 hour format • CE / FCC Marked • Size (W*H*D) GTD368-6SR3: 43cm*15.7cm*5.7cm GTD368-4SR: 30.2cm*15.7cm*5.7cm 	<p>GTD368-6SR3 GTD368-4SR</p>	1		calls
Warranty 1 Year					
<p>Picture Reference</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>GTD368-4SR</p> </div> <div style="text-align: center;">  <p>GTD368-6SR3</p> </div> </div>					

NTP Slave Clock - Analog Display

No.	Item Descriptions	Model	Qty	Unit Price IDR/unit	Total IDR
4	<p>NTP Analog Slave Clock - Indoor</p> <p>Features</p> <ul style="list-style-type: none"> • Classic style • Different formats of cock face • Aluminium or plastic case • Time is automatically set by NTP • Power over Ethernet (PoE) • DHCP or Static IP addressing • Simple configuration-make it convenient to obtain accurate time • Daylight saving time • Client software for configuration • Accuracy: +/- 0.5 seconds 	GTD360	1		calls
<p>Warranty 1 Year</p>					

Picture Reference



Note:

Lead of Delivery Time 45 Working Days

Lain-lain

Anda bisa melihat produk master clock dan beberapa koleksi jam Tower Clocks, Outdoor Clocks, dan Street Clocks di website kami di <http://masterclock.gfclock.com>



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Regards

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