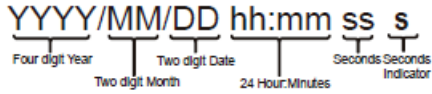# AMANO TIME SOLUTIONS

TS-4000i ™

**Automatic
TimeSync Web Clock**

The TS-4000i is a turn-key web based clock that provides users with automatic time synchronization for validated time. This clock will run on its own employing easy-to-use time synchronization schedules with a backup system that sends e-mail notification and SNMP trap alerts. The clock generates reports on time sync events for use during an audit.
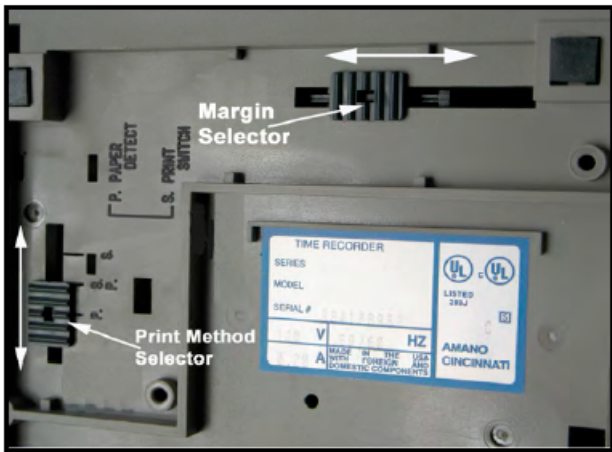
MADE IN USA

SAMPLE IMPRINT

YYYY/MM/DD hh:mm ss s

Four digit Year | Two digit Date | Seconds | Seconds Indicator
Two digit Month | 24 Hour:Minutes

Sample = **2008/07/08 18:30 15s**

PRINTER ADJUSTMENTS

SPECIFICATIONS

POWER
100/120/230 VAC +/- 10%, 50/60 Hz

POWER CONSUMPTION
Normal 4.5W, Max. 20W

COMMUNICATION
10/100 Base T (auto sensing), RJ45 network connection

AMBIENT TEMPERATURE
14°F ~113°F (-10°C ~ 45°C) - with FPR option, the temperature is 0°C ~ 45°C (32°F ~ 113°F)

HUMIDITY
10% ~ 90% (no condensation)

DIMENSIONS
6.9" H x 5.9" W x 6"D (176 H mm x 150 W mm x 153 D mm)

WEIGHT
5 lbs. (2.3 kg)

Specifications are approximate and are subject to change without notice.

BENEFITS

o *Assures financial institutions' compliance with FINRA OATS Rule 7430 (formerly NASD OATS Rule 6953 & NYSE 132A)*

o *Automatically syncs directly to NIST or internal/external NTP time source*

o *Plug n' play stand-alone web based with zeroconfig protocol*

o *No server/desktop software required*

o *Minimal IT staff involvement*

o *Quick and simple install*

o *Event notification through SNMP traps*

o *Transaction log files are maintained automatically in clocks for up to 5 years with a normal sync schedule of 2 syncs/day*

o *Replicate the configuration from one clock to multiple clocks*

o *Effectively manage up to 32 separate internal and external NTP time servers*

o *Visible alarm on time stamp imprint and message on display should synchronization not occur*

o *Dynamic sync schedule of up to 12 times/day for improved accuracy*

o *Time on clocks password protected for added security*

o *Email notification of clock status*

FEATURES

o *Zero Configuration Networking (Zeroconf) is a set of techniques that automatically create a usable network IP without configuration or special services. This allows users to connect TS-4000i's together and expect them to work automatically. Service Discovery Performed in LAN & WAN*

o *Supports Dynamic Host Configuration Protocol (DHCP)*

o *Integral diagnostics including LCD display, transaction reset, and manual time sync*

o *10/100 Base T Ethernet TCP/IP communication over existing network*

o *Synchronization logging data maintained per FINRA OATS Rule 7430 requirements*

o *Status, transaction, and configuration reports available*

o *Prints alphanumeric custom comments*

o *Quick, easy ribbon cartridge replacement*

o *Automatic and/or manual print activation*

o *Prints through up to 6 carbon copies*

o *Maintains time less than 4/10 of a second over a 24-hour period once synchronized*

o *Time imprint formats include seconds as per FINRA OATS Rule 7430 requirements*

OPTIONS

o *Full power reserve will provide 6 hours and 400 prints - in power outage event (Optional)*

REPRESENTED BY:

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