

BE ON TIME

# TIME MACHINES



## DIGITAL CLOCKS w/ PoE or WiFi



### Applications and Markets

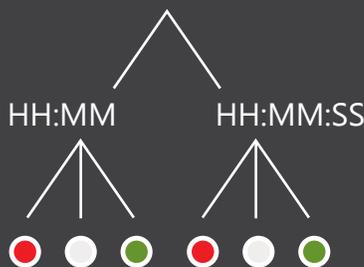
TimeMachines digital clocks are suited to any application where coordination of events at multiple locations is required. Education, industrial facilities, military installations, public safety command rooms, government, broadcasting, and hospitals are all candidates for synchronized time systems. When paired with one of TimeMachine's time servers, such as a TM1000A or TM2000A, a completely closed and highly accurate synchronized clock system can be created at market leading prices.



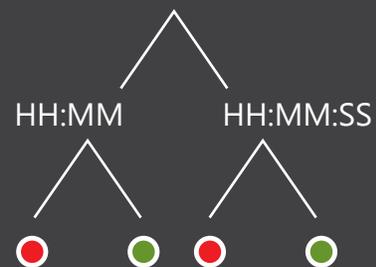
### The Power of PoE

PoE is a recognized standard for delivering power over an Ethernet cable. If VoIP PBX phones are in use, PoE is likely present to provide power, creating a system where a single cable provides both power and synchronization signals, saving on installation costs and maintenance. An optional Power injector is available to convert non-PoE capable network equipment to PoE. It's recommended that an Un-interruptible Power Supply (UPS) be part of the Ethernet network system to maintain clock function during a power outage.

### 2.5" CLOCKS



### 4" CLOCKS



# DIGITAL PoE and WiFi CLOCKS

2.5" and 4" (Actual Digit Sizes)

# TIME MACHINES

## SPECIFICATIONS:



2.5" Digit Display / Product Size -> 4 and 6 digits = 14 1/8" x 4 1/8" x 2 1/4" - 3.2 lbs.

4" Digit Display / Product Size -> 4 digits = 17 1/2" x 6 1/16" x 2 3/8" - 6.0 lbs.

4" Digit Display / Product Size -> 6 digits = 23 5/8" x 6 1/16" x 2 3/8" - 8.4 lbs.

Uses any SNTP server as a time source. Supports multiple time servers, and indicates loss of network time source.

Visible up to 75 feet away for 2.5" models or 150 feet for 4" models.

Digit Colors - Red, Green, or White.

Static IP or DHCP support; Configuration via Web Browser.

Programmable Alarm Timing and Integral Alarm Relay. Five pin terminal with N.O. and N.C. contacts. A +12v DC output with maximum current of 50mA.

12 and 24 hour display formats with AM/PM indicators as well as displaying time and date.

Easy and flexible mounting options and setup w/ support for any time zone and daylight savings time requirement.

Black powder coated, 18 gage steel cases.

WiFi Specific: Power -> External power supply, 12V, 1W supply, 90-240VAC, 50/60Hz.

Antenna -> 2.2dbi dipole, magnetic mount, RP-SMA connector.

Frequency: 2.4GHz Band Only. Security Support: WEP, WPA, or WPA2 w/ pre-shared keys. WPA2 Enterprise is NOT supported.

Due to varied WiFi systems, we recommend compatibility testing before bulk purchase.

PoE Specific: Power -> 2.5": 4 digit = 5 Watts max. and 6 digit = 7 Watts.

Power -> 4.0": 4 digit = 8 Watts max. and 6 digit = 10 Watts max.

## MOUNTING OPTIONS:



TimeMachines PoE and WiFi clocks can be mounted in many different ways. The standard clock has provisions for mounting to a wall and includes screws and plastic anchors. Other methods of mounting options include cantilevered, ceiling mounted, drop ceiling mounted, back to back dual clock mounting, and 19" rack mounting. (Not all models can be mounted in all ways) TimeMachines offers numerous kits to allow mounting in nearly any location. Please see our website for more application information, or contact us directly. We'll be happy to help.



### Included Wall Mounting:

Two teardrop shaped holes exist on the backs of all models of clocks. For the 2.5" (4 and 6 digit) and the 4" (4 digit), the spacing is 12.5", and for the 4" (6 digit), the spacing is 16".



### Rack Mount Kit:

Kit contains two "ears" that screw to the side of clock using existing case screws. Once mounted, screw clock into place within a standard 19" equipment rack. \* 2.5" clocks only.



### Dual Mount Kits:

2.5" Clocks -> (\* both 4 and 6 digit)  
4" Clocks -> (\* 4 digit only)  
Allow back-to-back mounting of two clocks. Top of mount has 3/4" pipe thread allowing for mounting configuration and cable routing.

\* Warranty coverage is one year from date of shipment. TimeMachines liability under this warranty is limited to repairing or replacing the defective equipment, at TimeMachines discretion. TimeMachines will not cover any claim if it is found that the product has been subjected to abuse, used in a manner for which it is not designed or acts of nature beyond TimeMachines control such as, but not limited to, lightning strikes, power surges, misuse, neglect, or if unauthorized repairs have been made or attempted by anyone other than authorized personnel by TimeMachines. The standard warranty can be extended for an additional year with the purchase of the optional Service Agreement. In no event will TimeMachines be liable for any indirect, special, incidental, or consequential damages from the sale or use of this product. This disclaimer applies both during and after the term of the warranty. TimeMachines disclaims liability for any implied warranty, including implied warranties of merchantability.

\* Specifications subject to change without notice. Check [www.timemachinescorp.com](http://www.timemachinescorp.com) for downloads/updates.

