

enviroCLOCK

GPS/Master-Slave Clocks



Enviro Technologies offers POE/Non-POE Ethernet based solution for precise & uniform time keeping within facility whether a manufacturing unit or critical laboratory. Master Server takes the Time Signal from Master Device and Sync the Slave Devices. These clocks may be used as accurate stand-alone time displays. They can also be synchronized so that all clocks displays the same time.

Key Features & Benefits:

1. Device synchronizes with up to Seconds by GPS and NTP Server.
2. 12/24 Hrs. Time Format and can be set with short key slide switch.
3. Time keeping from internal RTC in case of network failure and battery backup in case of power failure.
4. Ethernet network compatibility to integrate existing wired network & POE.
5. Accurate RTC clock.
6. 2.3"& 4.0" super bright seven segment red LED display
7. Synchronizes with Universal time (through server).
8. Time Synchronizing utility for master clocks
9. Health monitoring utility for Ethernet
10. Multiple Mounting i.e. Wall Mount & Flush Mount
11. Flameproof variant available

TECHNICAL SPECIFICATIONS

GPS Master



Parameters	Specifications
Display	2.3 inch / 4.0 inch LED 7 segment display.
Model	HH:MM
Accuracy	Synchronize to GPS with accuracy of ± 1 second.
Indication	AM/PM LED Indication
Communication	Ethernet / GPS Master with slave Ethernet. Compatibility with MODBUS clock.
Controller	Power of ARM 32 bit controller
Time Format	24 Hrs Modes and 12 Hrs Mode. (Settable through Slide switch and Protocol command and through menu as well).
Synchronization Mode	GPS master clock / Ethernet Synchronized from GPS
Environmental Ratings	0 - 50° C
Mechanical	2.3 inch Wall Mount: 313mm X 116mm X 45mm 4 inch Wall Mount: 540mm X 175mm X 50mm 2.3 inch Flush Mount: 338mm X 128mm X 44mm (Front Plate: 370mm X 170mm) 4 inch Flush Mount: 563mm X 196mm X 45mm (Front Plate: 595mm X 240mm) 2.3 inch FLP: 341mm X 200mm X 93mm 4 inch FLP: 570mm X 260mm X 100mm
Mounting	2.3 & 4 inch wall mount 2.3 & 4 inch Flush mount Flameproof
Enclosure Material	Back box MS powder coated OR SS304 material front plate (As Per order)
Operating Voltage	110 - 250 V AC, 50 - 60 Hz, 15 W / POE / 12 V DC 1 Amp

Note: All specifications are subject to change without notice due to continuous improvements.

Enviro technologies

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We proudly champion

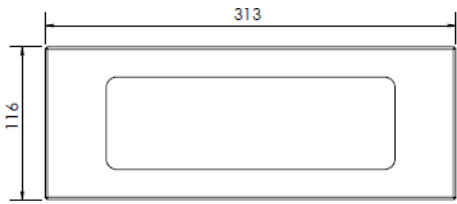
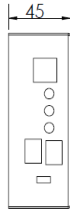
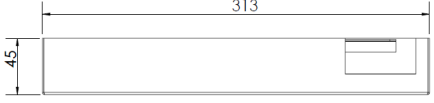
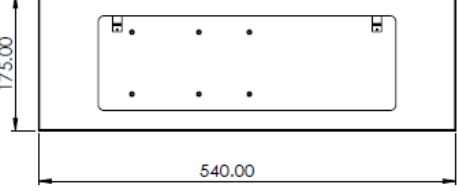
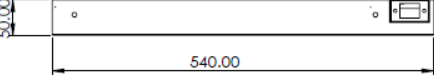
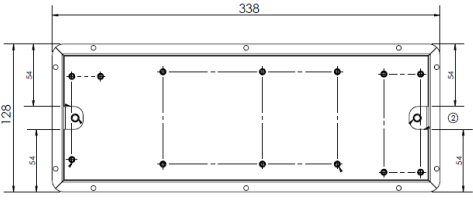
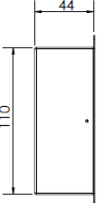
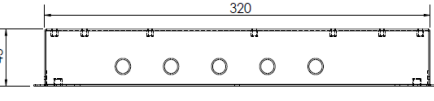
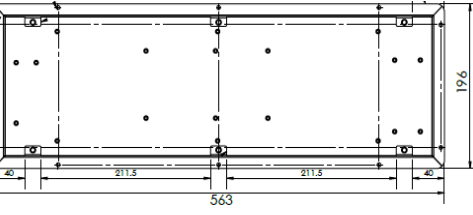
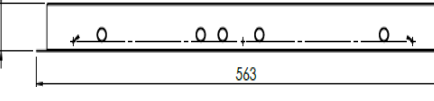
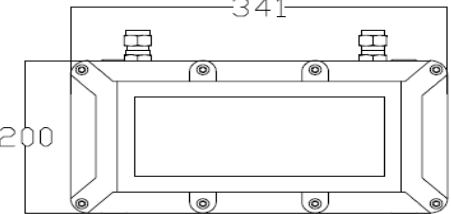
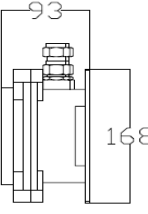
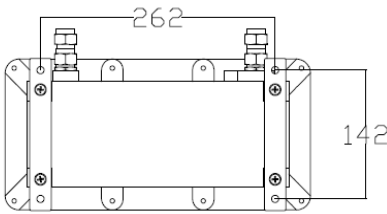
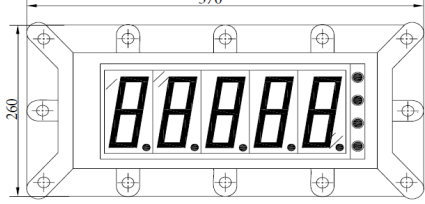
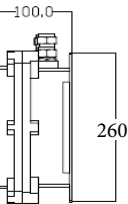
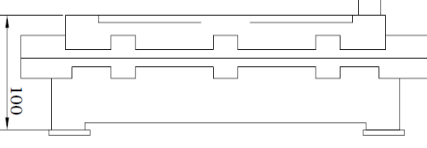


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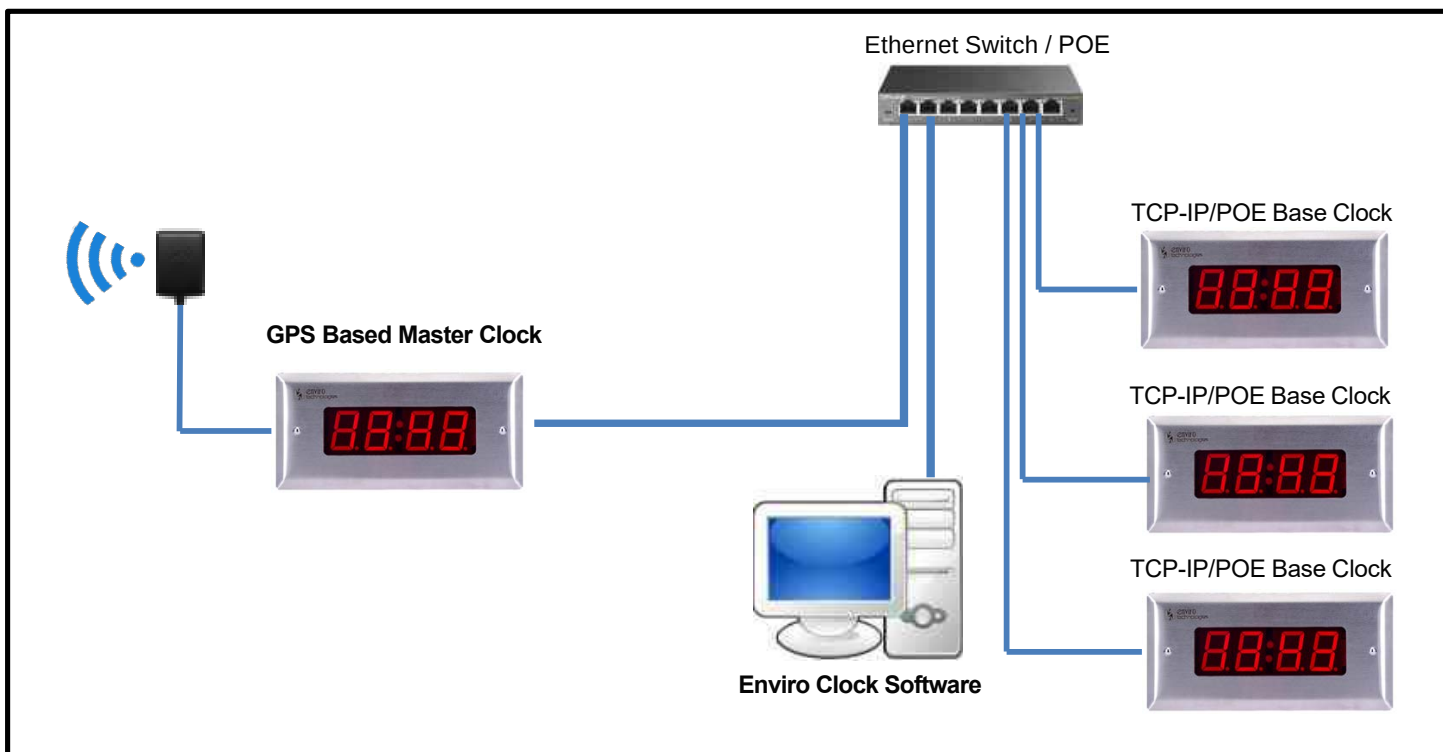


Parameters	Specifications
Display	2.3 inch / 4.0 inch LED 7 segment display.
Model	HH:MM
Accuracy	± 1 second, with Synchronizing from master server
Indication	AM/PM LED Indication
Communication	Ethernet / GPS Master with slave Ethernet.
Controller	Power of ARM 32 bit controller
Time Format	24 Hrs Modes and 12 Hrs Mode. (Settable through Slide switch and Protocol command and through menu as well).
Synchronization Mode	Synchronized from Master Server
Environmental Ratings	0 - 50° C
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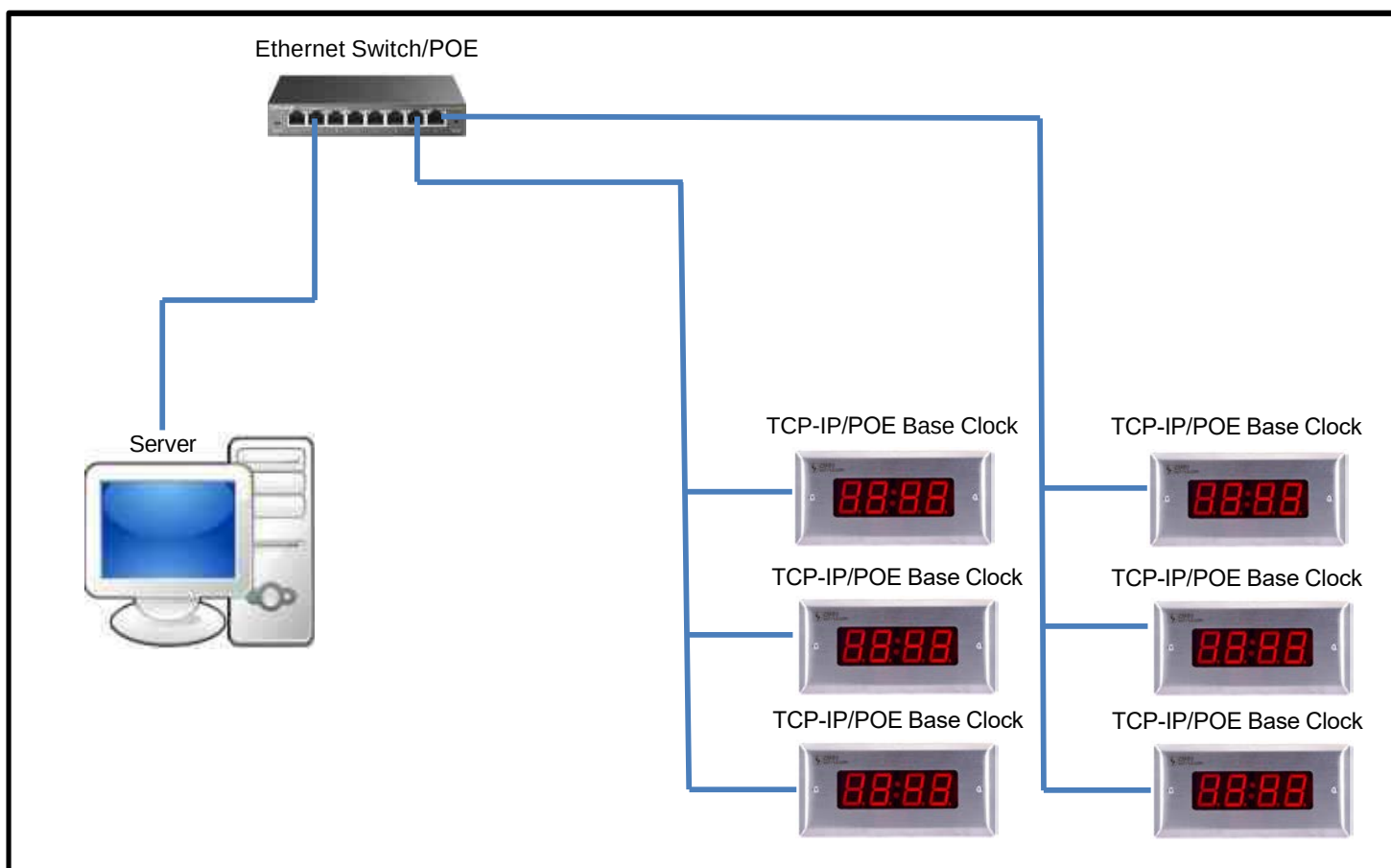
Dimensions

Model No.	Front View	Side View	Rear View
2.3" HH:MM Wall Mount Clock			
4.0" HH:MM Wall Mount Clock			
2.3" HH:MM Flush Mount Clock			
4.0" HH:MM Flush Mount Clock			
2.3" HH:MM Flameproof Clock			
4.0" HH:MM Flameproof Clock			

GPS based Master Clock with PC Server Application & Ethernet based Slave Clock



Master PC server Application with Ethernet Slave Clock



Note: Product images are for illustrative purpose only and may differ from the actual product. All Specs are subject to change without notice due to continuous improvements

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