

Synchronized Wireless Digital Calendar Master Clock (2.3")

TM670M-R-1-1-5-1-X-X

TM670M-R-1-1-6-1-X-X



The POLMON GPS Synchronized Wireless Digital Master Calendar Clock receives the time and date from GPS(Global Positioning System).GPS is a worldwide system that employs 24 satellites in a integrated network to determine a geographical location anywhere in the world, it will transmits the most accurate and reliable atomic time.

The POLMON GPS Wireless Digital Master Calendar Clock System perfect solution for a wide range of applications where accurate, synchronized time and date both are required. The GPS Wireless Master Calendar Clock is also work with Real Time Clock even if GPS signal fails.

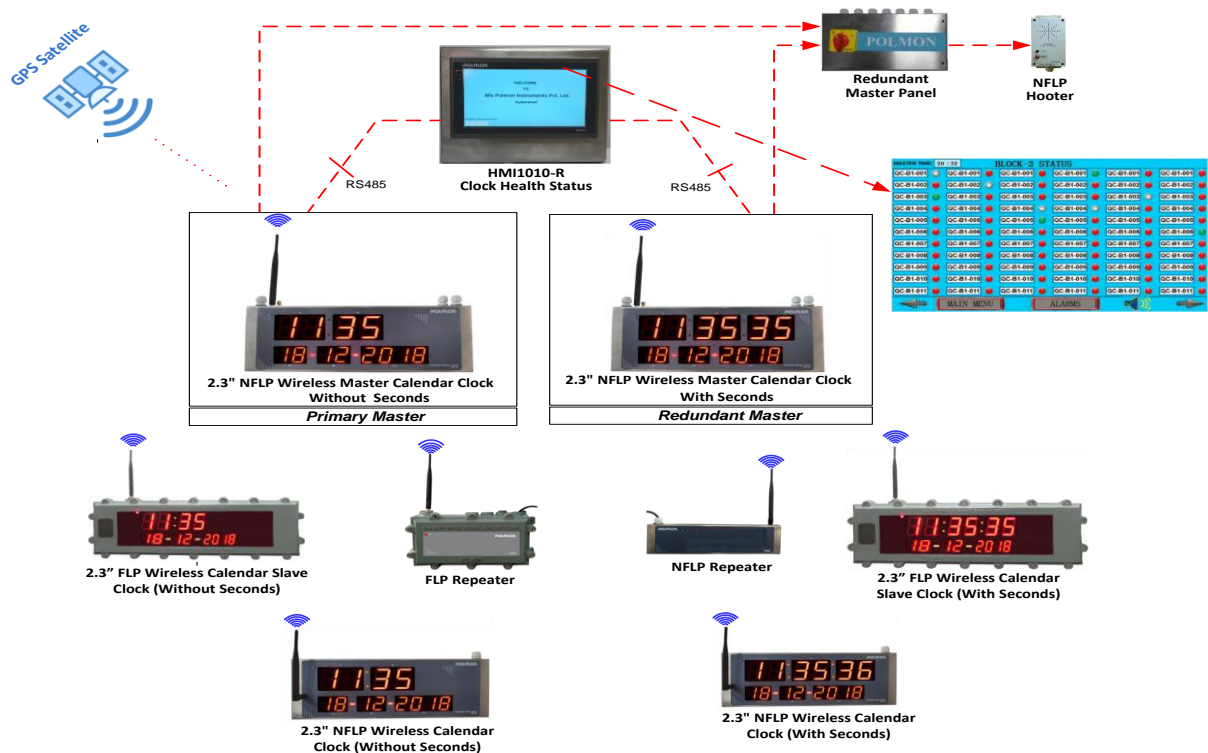
Features

- GPS Master Synchronization with GPS time
- It will have each Slave Status (Health Conditions)
- Designed for Clean Room Enviroment/ API Plants
- Flicker-free bright Red Seven Segment LED Display
- Displays time in HH:MM Format
- Auto change over to internal RTC Clock working in case of GPS failure
- Very wide Coverage range upto 1500m Line of Sight
- 2.3" Display visible up to 100 feet

Applications

- Pharmaceutical industry
- Ware House
- Factory
- Office
- Canteen
- Colleges etc

Network Architecture

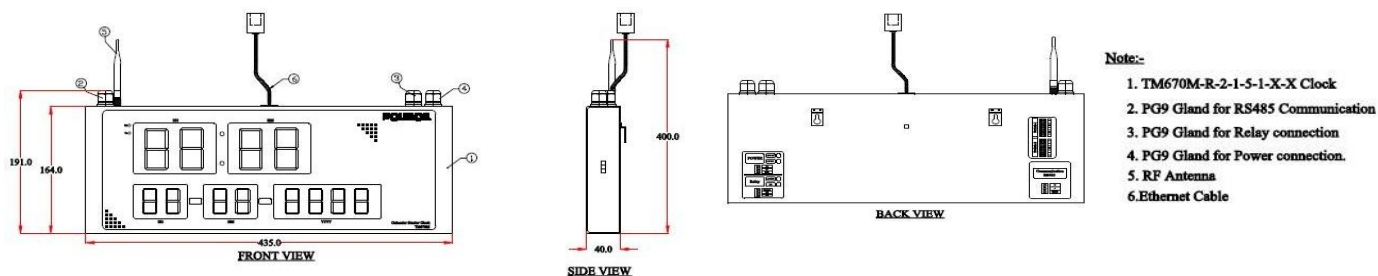


Specifications

Technical		
Model No	TM670M-R-1-1-5-1-X-X	TM670M-R-1-1-6-1-X-X
Display of time	2.3" Seven Segment LED Display (Red)	
Display of date	1.5"Seven Segment LED Display(Red)	
Time Format	HH:MM (24Hrs)	HH:MM:SS (24Hrs)
Date Format	DD:MM:YYYY	
Accuracy	In synchronization: Shows master clock time. Stand-alone : + 2.0 min/year	
Communication	RF Wireless	
Time Synchronization	Every one Minute	
Power Supply		
Input Supply	230 Volts AC 50 Hz, 32 VA.	
RF Communication		
Frequency	865MHz to 867MHz	
Distance	1500 Meters Line of Sight	
Antenna type	Dipole	
Antenna Fixing	Instrument Plug type SMA end	
RF Power output	+27dBm (500mWattt)	
Physical		
Dimension	435X164X40mm	
Enclosure material	SS316	
Weight	1.1Kgs (Approx)	
Mounting	Wall Mounting	
Cable Entries	PG-9	
Cable Glands	Provided	
Cable Specifications	Power Supply: PVC Insulated 1Sq mm x 3 core Flexible cable . RS-485 : PVC Insulated 1Sq mm x 3 core Flexible Shielded cable . Relay : PVC Insulated 1Sq mm x 2 core Flexible cable .	
Environmental		
Operating temperature	10-50°C	
Humidity	10 – 95% RH, Non-condensing	

Ordering Information for TM670M							
TM670M	X	X	X	X	X	X	X
Model No	Enclosure type	Sync Type	Transmission type	Display Format	Power Supply	Future use	Future use
TM670M	R – NFLP	1 – GPS	1 – Wireless	5 – HH:MM (Fixed) DD-MM-YYYY	1 – 230V	X	X
		2 – Ethernet	2 – Wireless Mesh	6 – HH:MM:SS (Fixed) DD-MM-YYYY	2 – POE		
					3 – 24V		

MECHANICAL DRAWING OF TM670M-R-1-1-5-1-X-X



MECHANICAL DRAWING OF TM670M-R-1-1-6-1-X-X

