



GPS BASED SLAVE DISPLAY (RHMS-100-7S)

The large display is equipped with an accurate quartz clock which synchronizes with Time signals like NTP, IRIG-B and RS485. The display are wall / panel / table top mountable. The cabinets can be of Mild Steel / Stainless steel as per customer requirements. The Display can show either UTC time or local time.

FEATURES

- ♦ High bright 7 segments LED displays to show GPS Time
- ♦ 5 x 7 Dot Matrix LED displays day of the week
- ♦ Accepts Time Signals like NTP, IRIG-B and RS485
- ♦ Available in 50mm, 100mm, 144mm & 300mm sizes
- ♦ Time updates with high stability oscillators option available
- ♦ The input power supply can be customized
- ♦ 10/100Mbps NTP & SNTP Ethernet for time input
- ♦ Power Over Ethernet option available
- ♦ Display running with battery backup option available
- ♦ Wireless display option available
- ♦ It can show either UTC or Local time
- ♦ Adjustable Time Zone, DST, 12/24Hrs in Ethernet Display
- ♦ Rugged and Robust displays
- ♦ Isolated and protected Interfaces.
- ♦ Battery backup provided for the time update
- ♦ Cabinets made up of MS/SS/Aluminium
- ♦ The cabinet is powder coat finished
- ♦ Wall / Panel / Tabletop mountable
- ♦ Protection class – IP 20 / IP 55 available
- ♦ Time signal Input status and GPS lock Status can be identified with colon LEDs
- ♦ Front plate covered with Red color acrylic sheet

APPLICATIONS

- ♦ Power Plant
- ♦ Substation
- ♦ Airport
- ♦ Railway station
- ♦ Bus stand
- ♦ Industries
- ♦ Hospital
- ♦ Colleges & Schools
- ♦ Malls



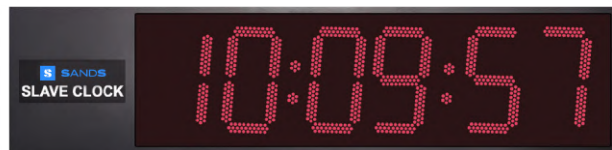
300MM SLAVE DISPLAYS

TIME DISPLAY



1620x56x360mm
L x W x H

DATE DISPLAY



1620x56x360mm
L x W x H

144mm SLAVE DISPLAYS

TIME DISPLAY



900x56x207mm
L x W x H

DATE DISPLAY



900x56x207mm
L x W x H

100mm SLAVE DISPLAYS

TIME DISPLAY



750x56x170mm
L x W x H

DATE DISPLAY



750x56x170mm
L x W x H

DATE DISPLAY (DD:MM:YYYY)



910x56x170mm
L x W x H

DAY DISPLAY



440x56x170mm
L x W x H

50mm SLAVE DISPLAYS

TIME



432x75x102mm
L x W x H

DATE

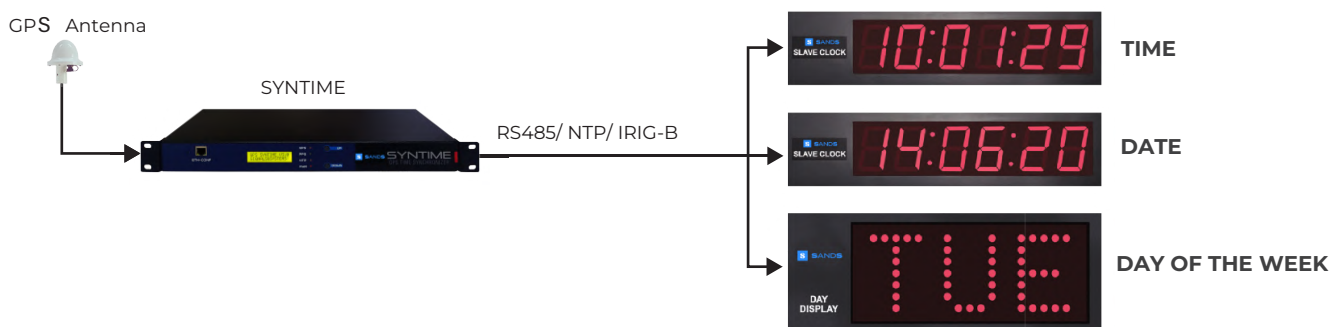


432x75x102mm
L x W x H

Note: Dimension tolerance Shall be ± 5 mm, Excluding Connector



TYPICAL GPS BASED SLAVE DISPLAYS



CLEAN ROOM SLAVE DISPLAYS



Note: Clean room displays are housed in ss cabinets.

DOUBLE SLAVE DISPLAYS



COMBO SLAVE DISPLAYS



Note: Dimension tolerance Shall be ± 5 mm, Excluding Connector



TECHNICAL SPECIFICATION

Power Supply

Standard	100 to 260V AC, 1 ϕ , (47Hz to 63Hz) or 100V to 370V DC
Custom	36V to 72V DC (48V), 18V to 36V DC (24V)
Power Consumption	<10W

Note: Power Over Ethernet available for Ethernet display*

Display

Display Type	7 Segment & 5 $\times$ 7 DOT Matrix Display
No of Digit	6 Digit or 8 Digit***
Time Display	HH:MM:SS
Date Display*	DD:MM:YY or DD:MM:YYYY***
Day Display*	First 3 Characters. Ex: SUN .. SAT
Display Size	50mm/100mm/144mm/300mm
Color	Bright Red
Frequency	50Hz $\pm$ 2Hz

Input Signal

RS485 Input	String: Proprietary or NMEA** Connector: Pluggable Terminal block
NTP/SNTP Input*	COM Method: Unicast Connector: RJ45 Speed: 10/100Mbps
IRIG-B*	Carrier: 1kHz Modulation Ratio: 3:1 Recommended Vin : 1V-7V (p-p) Connector: BNC Female
Frequency	Line Voltage : 110V/230VAC Connector : Pluggable Terminal block

Environment

Operating Temp	0°to 55°C
Humidity	95% Non-Condensing

Mechanical

Enclosure	Wall/Panel/Table Top Mountable
Protection Class	IP 20

Battery backup provided for RTC/TCXO may be used to meet high stability during free-running mode*.

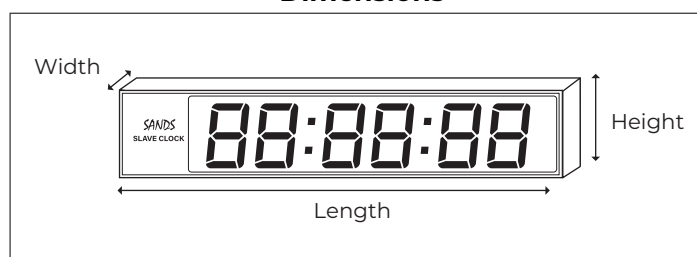
Contact SANDS for the actual dimension of each model.

* Optional

** GPZDA & GPGGA combined string

*** Only for Date display

Dimensions



Prices are subject to actual requirements, contact sales for pricing

Product development is continuous process- Specification Subject to change
GPS BASED SLAVE DISPLAY 16/08/24

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