UT-1410
SYNCHRONIZED DIGITAL CLOCK
MASTER - SLAVE

UNITECH

CE

SLAVE CLOCK
RS-485 / Ethernet Clock(POE)

WIRELESS MASTER CLOCK
GPS / RF / ETHERNET /RS485.

Flame Proof -Wireless GPS
RF / RS-485 / Ethernet Clock

- Available Display Size : 1" / 2" / 4" / 6" LED Bright Display.
- External Box : Ex. Flameproof, MS & SS Box

INTRODUCTION

UNITECH UT-1410-Synchronised Clock Solution Is For Robust Accurate And Consistence Time For An Any Area. UNITECH Clock Solution Offer Wireless And Wired Solution For Time Synchronizing With Different Communication Method Like GPS/ RS-485 / Ethernet / RF Etc.. GPS Master Clock Time Reference Will Be Taken From GPS Satellites And The Retransmit This Over A Wired / Wireless Communication For All Slave Clock.
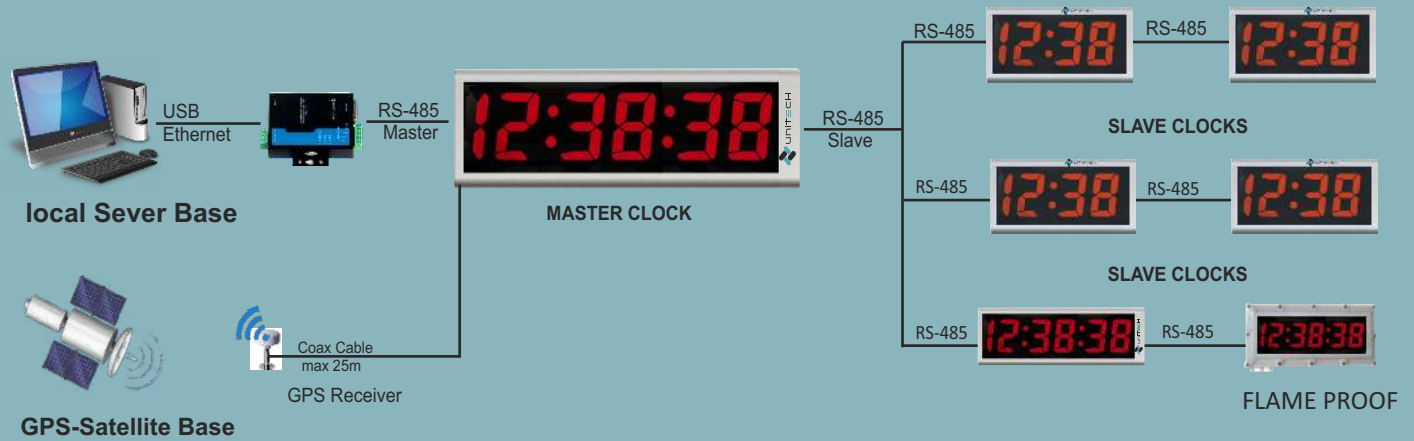
FEATURE

- ✦ The Master/Slave Clocks Finds Application In Processes Where Time Synchronization Is Required.
- ✦ The Master Time Reference Source :- GPS / NTP / Local Factory Server.
- ✦ Local Server Time Synchronised Universal PC Software.
- ✦ The SLAVE Clocks Are Connected To The Master On RS-485 Port /Ethernet / RF (Wireless).
- ✦ Slave Clock Different Display Available Like HH : MM : SS Or HH : MM.
- ✦ The State Of Art Micro Controller Assures Time Accuracy Of 0.01 %.
- ✦ The User Friendly GUI Works On Windows 10 / 8 / XP Platform.
- ✦ The Clocks In The Network Display The Same Time Simultaneously.
- ✦ The Time And Calendar Configuration Can Be Easily Adjusted As Per The User Requirements.
- ✦ Different Time Format Available 12 Hr. Or 24 Hr.
- ✦ Display Height Available Is 1"/ 2 "/ 4 " / 6 " With Red Color And Time Tick LED Indication.
- ✦ Health Monitoring Utility For Ethernet Or RS-485 Clock.
- ✦ Built In RTC With Battery Backups.
- ✦ IP 65 / SS Flush Mounted / SS Wall Mounted(Sleek) And Flameproof Model Available.

APPLICATION

- ✦ Pharma Manufacturing Facility (API /Formulation).
- ✦ Office Building.
- ✦ Health Care & Hospital.
- ✦ Manufacturing Plant.
- ✦ Airport & Mall.
- ✦ Process Industry.

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MASTER - SLAVE

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GPS-WIRED MASTER SLAVE NETWORK

USB Ethernet

RS-485 Master

12:38:38

RS-485 Slave

RS-485 → **12:38** ← RS-485 → **12:38**

SLAVE CLOCKS

RS-485 → **12:38** ← RS-485 → **12:38**

SLAVE CLOCKS

local Sever Base

MASTER CLOCK

RS-485 → **12:38:38** ← RS-485 → **12:38:38**

Coax Cable max 25m

GPS Receiver

GPS-Satellite Base

FLAME PROOF

GPS-WIRELESS MASTER SLAVE NETWORK

USB Ethernet

RS-485 Master

12:38:38

12:38   **12:38**   **12:38**

Server Or PC

MASTER CLOCK

WIRELESS SLAVE WALLCLOCKS

12:38   **12:38**   **12:38**

WIRELESS SLAVE FLUSH CLOCKS

Coax Cable max 25m

GPS Receiver

GPS-Satellite Base

12:38:38   **12:38:38**

FLAME PROOF

NTP / ETHERNET NETWORK (POE)

12:38:38   CLOCK-1

12:38:38   CLOCK-2

Ethernet Cable

Ethernet Cable

12:38:38   CLOCK-3

12:38:38   CLOCK-4

SERVER / NTP

Ethernet Switch

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N/R Vadasar Bridge. o/p-Gayatri temple
VADODARA - 390010 - INDIA

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TECHNICAL SPECIFICATION

MODEL NO.	UT - 1410 - Master Slave Clock
DISPLAY	1" / 2" / 4" / 6" Seven Segment Led Display (Red)
	(For Hr, Min & Sec) HH:MM / HH:MM:SS
	Two Or Four 3mm Flashing LEDs Indicates Second
ACCURACY	Depends On Master Clock
COMMUNICATION	Wired :- RS-485 / 232 / Ethernet(Poe / Ntp) Wireless :- GPS / Rf-10 Km
TIME	Master Clock Time / Programmable Quartz(GPS / NTP)
	Clock With Internal Battery Backup And Windows Update.
	(At Least Three Time Update In A Day With Windows Server)
CONTROLLER	Built In Embedded With Industrial Performance
OPERATING VOLTAGE	24 V DC Or 220 V AC 50 Hz, 10 VA
TIME SYNCHRONIZATION	Every Second * (Depend On Nos Of Slave)
TIME FORMAT	12 / 24 Hour Mode
POWER CONSUMPTION	25W
OPERATING TEMPERATURE	Operating Temperature : 0 - 50 C
MECHANICAL	Dimension : Vary As Per Display Size
	Weight : 0.5Kg (Approx. .) For 08" Display Size
	Faceplate : Flush Mounting SS 304.
MOUNTING	Enclosure Type : Ms Siemens Gary Powder Coated Or SS
	1) Brick Wall Concealed Mounting / Wall Mounting
	2) Modular Wall Mounting

ORDERING INFORMATION :

UT-1410 | **1** | **2** | **3** | **4** | **5** | **6**

Clock		EXT. Housing		Display		Dis. size		Communication		Power	
Master	M	SS Wall Mount	W	HH:MM	2	1 Inch LED	1	RS- 485- Modbus	4	230 V AC	2
slave	S	SS Flush Mount	D	HH:MM:SS	3	2 Inch LED	2	Ethernet	8	110 V AC	1
NTP(POE)	N	Flameproof	FW			4 Inch LED	4	Wireless RF (2 KM)	W	24 V DC	4
						6 Inch LED	6	GPS Master	G		
								POE / NTP	N		

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