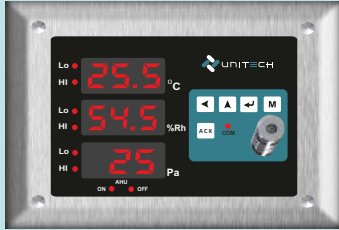


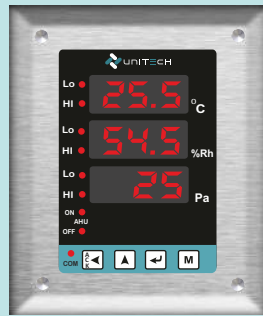
UT-1406

CLEAN ROOM MONITOR TEMP. + HUMIDITY + DP MONITOR



UT-1406-1

- ✦ LED Dis. :- 0.56 Or 1 Inch
- ✦ Built-in Or Remote Sensor
- ✦ Modbus RS-485 com
- ✦ AHU On/Off Status



UT-1406-2

- ✦ LED Dis.:- 0.56 Inch
- ✦ Built in Or Remote Sensor
- ✦ Modbus RS-485 or Ethernet- TCP-IP
- ✦ AHU On/Off Status.
- ✦ 1L Data Memory for Auto Data Back Filling
- ✦ Wireless RF & Wi-Fi.
- ✦ Real Time Clock
- ✦ Bluetooth



UT-1406-3/4

- ✦ Touch LCD 3.2/4 Inch
- ✦ Built-in Or Remote Sensor
- ✦ Modbus RS-485 or Ethernet -TCP-IP
- ✦ AHU On/Off Status.
- ✦ 1L Data Memory for Auto Data Back Filling
- ✦ Wireless RF & Wi-Fi.
- ✦ Real Time Clock
- ✦ Bluetooth



UT-1406-7

- ✦ Touch LCD 7 Inch
- ✦ Built-in Or Remote Sensor
- ✦ Modbus RS-485 or Ethernet-TCP-IP
- ✦ AHU On/Off Status.
- ✦ 1L Data Memory for Auto Data Back Filling
- ✦ Wireless RF & Wi-Fi.
- ✦ Real Time Clock
- ✦ Bluetooth for Data Capturing

● ALL TYPE INDICATOR & SENSOR AVAILABLE IN FLAMEPROOF. ● COMPLIANT WITH ANY FDA 21 CFR PART-11 EMS/BMS SCADA SYSTEM.

FEATURE

- ✦ USFDA- 21 CFR Part 11 - GAMP-4 Compatible.
- ✦ Compact, All Stainless Steel Enclosure With 35 mm Depth For Installation In Prefab Panels.
- ✦ MODBUS RTU Multi Drop RS-485 / Ethernet TCP-IP / RF Wireless / Wi-Fi / Bluetooth Comport Available.
- ✦ Incorporates Highly Stable Digital Built-In Or Remote Sensor For Diff. Pressure & Temp.+ RH.
- ✦ Red LED (0.56" Or 1") And Touch Screen LCD Display (3.2"/ 4"/ 7") For Displaying TEMP + RH + DP + Time.
- ✦ Internal Data Memory With Time Stamping With Auto Data Backfilling Facility To Avoiding Data Loss.
- ✦ User Selectable Set Limits For Process Value Violation & Inbuilt Audible Buzzer With Acknowledgments.
- ✦ Process Parameter Hi And Low LED Status Indication For All Three Channel With AHU On/Trip Status Indication.
- ✦ Brick And Modular Wall Mounting And Flush Mounting And Flameproof Model Available.
- ✦ 3 Level Password Protection For Calibration And Programming Mode.
- ✦ FDA21 CFR Part 11 Compliance Data Logging Software Available.
- ✦ User Programmable Delay Time Selectable For Alarm (Alert Or Action).
- ✦ All Channel Ranges & Unit Are Programmable.(Through Front Key Pad & Touch Screen).

APPLICATION

- ✦ HVAC (Heating, Ventilation, Air Conditioning, Cooling)-BMS.
- ✦ Clean Room Application In Pharmacy & Health Care.
- ✦ Isolation Room Or OT Monitoring Applications.-EMS.

- ✦ Data Acquisition, Analysis And Processing.



TECHNICAL SPECIFICATION

INPUT	Temperature	Integral Or Remote (4-20 mA & RS 485)
	Humidity	Integral Or Remote (4-20 mA & RS 485)
	Room Deff. Pressure	Integral Or Remote (4-20 mA & RS 485)
	Nos. of input	3 Nos .(Temp + Rh + DP)
	Transmitter power supply	24V/5 V DC @ 30 mA Max, Isolated From I/P & O/P.
INDICATION	Temperature + Humidity + Time(Date)	LED : Red Seven Segment 0.56"/1", 6-Leds For Visual Alarms & Com
		LCD : 3.2 Inch / 4 Inch / 7 Inch- Touch Screen Multi Colour
RANGE	Temperature	-40 To 60.0 *C With Decimal Point.
	Humidity	0 To 100 % With Decimal Point
	Room Diff.Pressure	-150 To 150 Pa & -400 To 400 Pa, On Site mmWC Or Pascal Selectable
	Date & Time Synchronized	Date & Time Synchronised Trough Sever Or GPS With Built In RTC
	Display Resolution	Temp. & Rh- 0.1 With Decimal Point
ACCURACY	Temperatures	0.25 % On Fs Response Time : 8 Sec
	Humidity	1.7 % On Fs Response Time : 4 Sec
	Room Diff. Pressure	1 % On Fs Response Time : 1 Sec
	Date & Time Synchronized	0.01 % Response Time : 1 Sec
COMMUNICATION	Communication Protocol	Modbus RTU RS-485 & Ethernet Isolated, Wireless Rf, Wi-Fi, Bluetooth
	Programmable Parameters.	Baud Rate , Parity , Node Address , Stop Bit & Ip Address
	Read /Write Parameters	Read: Process Value ,Decimal Point. Write: Hi Low Set Point.
	No. Of Slave Id	Total 1-128 Unit. With Programmable Ip Address.
PROGRAMMBALE PARAMETERS	Set Point / High Scale / Low Scale	Full Range As Per Input Selection
	Programming Of Parameters	Through 4 Tactile Keys & Touch Screen (With Password Protections)
	Status Indication	Full Scale High Or Full Scale Low.
MEMORY	1 Lakh Data With Auto Data Back Filling - Logging Time Selectable : 1 To 5000 Seconds From Software.	
OTHER	Mounting	Bricks And Modules Wall Flush Panel Mounting.
	Moc	Full S S 316 Plate And Box , Back Side Wall Mounting Back Box M S
	Supply Voltage & Power Consu	24 V DC @ 4 Watts Maximum
	Ambient Temperature & Humidity	Temp.-: 0- 50 °C Humidity Below 90% None Condensing.

ORDERING INFORMATION :

UT-1406		1	2		3		4		5	
Display			EXT. Housing		Sensor Type		AUX Power		Comm.	
LED 0.56"/1"	1	S S Flush mount.	S	Integral	I	230V AC	2	None	N	
LED 0.56"-P	2	S S Wall mount.	W	Remote	R	110V AC	1	Ethernet	1	
LCD 3.2"	3	FLP Housing	F	FLP-Remote	F	24V DC	4	RS485	4	
LCD 4"	4							Wi-Fi	2	
LCD 7 "	7							Wireless- RF	3	