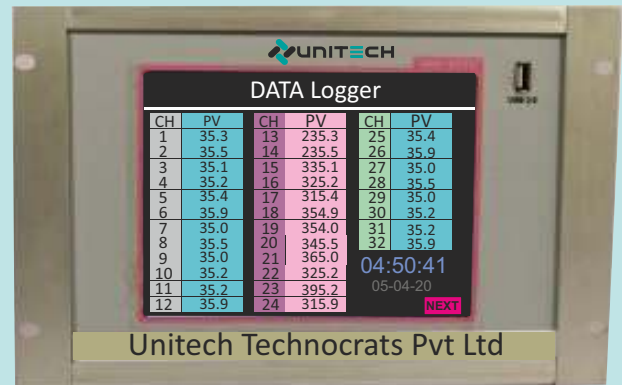




4/8/16 CH.



24 / 32 CH.

- Touch Screen Multi Colours Data Logger Available Channel : 4 / 8 / 16 / 24 / 32

FEATURE

- ★ 4,8,16,24 & 32 Channel Universal Input (RTD, Thermocouple, 0-1 /5/10 VDC, 0/4-20mA, Input Signals).
- ★ On Board 15000 Reading Per Channel Storage. With Auto Data Back Filling & Data Logging.
- ★ USB Port For Direct Data Logging. Optional Blue tooth & RF Wireless (2 KM).
- ★ Individual HI/LO Alarm With 2 Relay Outputs. (Optional For Each Channel).
- ★ Ethernet Port (Optional) Networkable.
- ★ PC Based Data Acquisition Software For Data Logging Reporting And Trending.
- ★ 21 CFR Part 11 (Optional) None Editable File Format.
- ★ Different Housing Like Front End IP65 Protection, Flame Proof.
- ★ 3.5 / 7 Inch TFT With Touch Screen Control.
- ★ Direct Printout To Dot Matrix Printer Or USB Printing.
- ★ On Board USB Port (Memory Stick With 4 GB Memory).
- ★ Can Send Direct SMS On Alarm Condition To User.
- ★ Individual Universal Input Channel Selection.
- ★ Can Be Working With Wireless Probes For Pharma & Other Application.
- ★ Logging Intervals Can Be Set From 1 To 65535 Sec.
- ★ High-Resolution 16-Bit ADC Used For Analog Input.

APPLICATION

- ★ Temperature And Humidity Mapping & Validation.
- ★ Data Acquisition And Control Application.
- ★ Transformer Monitoring And Protection.
- ★ RTU & Remote IO For PLC/DCS.
- ★ Pharmaceutical Autoclave & ETO Process Validation.
- ★ Gas Detection & Environmental Data Monitoring.



Flame Proof

TECHNICAL SPECIFICATION

INPUT	Input Type For Input 1 to 32 channel	T/C	K, J, R, S, E, N, T
		RTD	Pt-100, Cu 53 (2wire & 3 wire)
		Current	0 - 20 mA DC, 4 - 20 mA DC
		Voltage	0 - 5 V / 1 - 5 V / 0.5 -2.5V / 0 - 10 V DC
	Transmitter Power Supply	24 V DC @ 30 mA Max, Isolated From I/P & O/P	
	Cold Junction Comp. & Sensor Break Ind.	Software Base Automatic	
	Range Limits	As Per Input Range Table	
	Accuracy	+/- 0.1 % Of Span For Linear & RTD, +/-0.25 % For T/C	
Input Impedance	>330 K For Voltage , mV , And T/C, 100 R For Current		
INDICATION	Indication	4,8,16 Ch :- 3.5 Inch TFT -Touch Screen , 24,32 Ch- 7 Inch Touch Screen.	
	Status Indication	LEDs For Relay Status & Communication	
	Alarm Modes	Very Low/Low/High/Very High	
MEMORY	USB Pen Drive	Direct Pen Drive For Data Memory(4 GB or 8 GB) (File Formats :- PDF Or Excel)	
	Non-Volatile Data Flash	Data Storage: 15,000 Records Per Channels With Auto Data Back Filling	
OUTPUT	Relay Output	NO - C - NC Contacts , 5A@240 V AC Resistive	
	Sir Output	1 / 2 / 3 / 4 Relays / SSR output	
	Transmitter Power	24 V DC @ 20 mA , 12 V DC @ 20 mA	
	Retransmission Current & Voltage Outputs	On Line Dot Metric Printer	
COMMUNICATION	Communication Protocol & Method	Modbus RTU RS- 485/ Ethernet TCP-IP & Wi-Fi , Bluetooth , USB	
	Programmable Parameter	Baud Rate, Parity , Node Address , Stop Bit & 0-256 Unit IP Add	
	Wireless Communication	RF 2 KM / GPRS Base Mobile(SMS) Communication	
PROGRAMMABLE PARAMETER	Set point / Hysteresis / High Scale / Low Scale	Full Range As Per Input Selection.	
	Relay Logic	F.S. High & Low Alarm, Dead Band Alarm	
	Display Resolution	-1999 to 9999 Fully Configurable For Linear Input	
	Parameter Programming	Touch Screen. Or Through 5 Tactile Keys	
OTHER	Dimension & Mounting	As Per Box Selection & Wall/Structure 2/2 Holes	
	(A) Supply Voltage (B) Power Consumption	(A) 110/230 V AC/24 V DC, 50/60 Hz (B) 4 Watts Maximum	
	Operating Ambient Temperature And Humidity	0~50 °C , And Humidity : Below 90%, Non Condensing	

ORDERING INFORMATION :

UT-10	1	2	3	4	5
Channel	Printing	Housing	Communication	Power	
4 ch	None	Panel Mounted	RS232	230 V AC	1
8 ch	On line Printing	Flame Proof	RS485- Modbus	24 V DC	2
16 ch		Wall Mounted	Wireless RF(1 KM)		
24 ch			GPRS /GSM		
32 ch			Ethernet		