



## Applications & Features

- High accuracy digital sensor, field changeable without any re-calibration
- Large, high light LED display
- Multiple inputs and outputs selection
- Light and up-to-date enclosure
- Single point temperature, humidity or DP measurement and display
- Multiple points temperature, humidity and DP measurement, display and network data collection
- Compatible to DDC and PLC systems

## Models

	THD	THPD			Temp./Hum. Display Screen Temp./Hum. /DP Display Screen
<b>Input</b>			0 1 8		Remote sensor, 1.5m cable 0-10V/4-20mA input, without sensor RS485/Modbus RTU input, without sensor
<b>Output</b>			0 1 8 B		without any output 0-10V/4-20mA RS485, Modbus RTU 0-10V/4-20mA, RS485/Modbus RTU
<b>Relay</b>			0 1		N/A 1×SPDT+ inside buzzer

## Specifications

	THD	THPD
<b>Application</b>	Clean room, library, museum, lab, etc.	Clean room, lab, etc.
<b>Function</b>	Single point or multiple points network data measurement and display	
<b>Power</b>	85~265VAC	
<b>Consumption</b>	<10W	<15W
<b>Display</b>	3 Bit 4 inch red LED	
<b>Display Resolution</b>	0.1°C, 0.1%RH	0.1°C, 0.1%RH, 0.1Pa
<b>Display Range</b>	0~50.0°C, 0~99.9%RH	0~50.0°C, 0~99.9%RH, 0~99.9Pa
<b>Display Accuracy</b>	<0.5°C, <3%RH	<0.5°C, <3%RH, <1Pa
<b>Response Time</b>	Temp. 30s, Hum. 10s	Temp. 30s, Hum. 10s, DP 5s
<b>Sensor</b>	THD-S	THD-S, DPT Differential Pressure Transmitter
<b>Standard Input</b>	2×0-10V/4-20mA(2-10V)	3×0-10V/4-20mA(2-10V)
<b>Standard Output</b>	2×0-10V/4-20mA	3×0-10V/4-20mA
<b>Communication</b>	RS485/Modbus RTU, 9600-n-8-1, support read/output and write/input parameters	
<b>Dimension</b>	W715*H285*D50mm	W470*H650*D50mm
<b>Material</b>	Dull silver color aluminum alloy frame, PC panel with PVC film	
<b>Protection</b>	IP54	
<b>Installation</b>	Wall mount or suspend from ceiling	
<b>Buttons &amp; Functions</b>	Three buttons with parameters calibration, buzzer/relay parameters set, RS485 address set, input signals/ranges set, output ranges set, LED inspection, restore default set, etc	