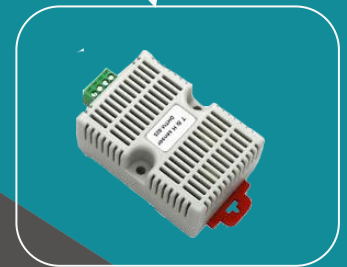# SENSOR ENVIRONMENT

Can be connected to multiple temperature and humidity sensor probes or can be connected to multiple temperature probes. The device comes with a liquid crystal display, which is convenient for users to view on site. The device has a 1-way 485 serial port, which can be used to convert the RS485 serial port to Ethernet. Open communication protocol.

KEY FEATURES

- Photoelectric isolation, anti-electromagnetic interference
- RJ45 network port output, support TCP / UDP / SNMP protocol
- 4-channel switching value acquisition, can access a variety of sensor signals such as smoke and water leakage
- 1 way RS485 serial port, support RS485 to Ethernet
- 1 way relay control output
- The equipment supports POE power supply and DC external power supply. The cost of laying the power line on site is greatly reduced
- The large-screen multi-measurement parameter real-time display is convenient for users to read directly

INTEGRATED APPROVED STYRE DCIM

TECHNICAL SPECIFICATIONS

TEMPERATURE		HUMIDITY	
Measurement Accuracy	± 0.5°C	Measurement Accuracy	± 3% RH (typical)
Measuring Range	–25 ~ +85°C	Measuring Range	1% ~ 100% RH (non-considering)
Calibration	Configuration tool software calibration	Calibration	Configuration tool software calibration

SWITCHING VALUE	
Quantity	4-channel input
Types	Dry contact
Connectable Sensor	Various sensors such as smoke, water leakage, magnetic door, infrared, vibration, etc
Alarm Mode	Customize

RELAY		POWER SUPPLY	
Quantity	1 relay channel output	Power Supply	POE / dc24v
Alarm Mode	Customize	Working Current	300mA

SERIAL SERVER	
Quantity	1 way RS485 to Ethernet
Ethernet Protocol	TCP client mode, server mode, automatic mode UDP, SNMP polling mode
Conversion Port Mode	RS485 serial device
	RS485 to Ethernet

COMMUNICATION PARAMETER	
Network Interface	RJ45, 10M/100M adaptive
Device MAC Address	Factory default (unique address is not adjustable)
Transmission Distance	Unlimited
Parameter Configuration Method	Configuration software
Protocol	TCP, UDP, SNMP, ARP, DHCP, and other network protocols

ENVIRONMENT	
Working Environment	Temperature –20 ~ +70°C, humidity 0 ~ 99% RH, non -considering
Storage Environment	Temperature –20 ~ +70°C, humidity 0 ~ 99% RH, non -considering

PROTECTION LEVEL		SIZE	
Enclosure Rating	IP65	Shell Size	42 * 121 * 141 mm
Fire-proof Level	V-0	LCD Size	70 * 38 mm

MATERIAL	
Shell Panel	Alumunium Alloy
	PCB single side
Screen Display	LCD dot matrix screen
Weight	About 600 grams
Installation Method	Wall surface : screwed / wall mounted

Note : Specification are subject to change without notice