

POE Smart Temperature and Humidity Sensor



Description

The POE Smart Temperature and Humidity Sensor features an RJ45 network interface and supports power supply via a POE switch (or through an external terminal). It integrates a TCP/IP protocol stack with 10M/100M adaptive capability and supports multiple working modes, including UDP, TCP Server, and TCP Client. Additionally, it has a built-in web server function, allowing direct access to real-time temperature and humidity data via a browser. The web interface can display historical data curves and export historical data in CSV format.

Features

- Parameters can be modified and temperature/humidity data can be monitored via PC software.
- Built-in web server supports multi-user access, enabling convenient remote monitoring and historical data export.
- Wide range of application scenarios and flexible usage.
- Supports POE power supply, high measurement accuracy, wide measurement range, and excellent data consistency.
- Strong product protection with first-level lightning protection.
- Other language versions can be provided upon request.

Applications

With an IP55 waterproof and dustproof industrial design, it is suitable for various scenarios such as power systems, offices, laboratories, warehouses, agricultural greenhouses, cold chain transportation, and food preservation.

Specification

Item	Specification
Power Supply	5V-48V or POE switch
Output Interface	RJ45 Ethernet
Power Consumption	≤1W
Temperature Range	-40°C to 80°C
Temperature Accuracy	±0.5°C
Temperature Resolution	0.1°C
Humidity Range	0-100%RH
Humidity Accuracy	3%RH
Humidity Resolution	0.1%RH
Waterproof Rating	IP55
Dimensions	36mm x 64mm x 75mm

PC Software Monitoring Interface

设备名称	温度(°C)	湿度(%RH)
XX站3室	30.3	67.0
YY站	35.3	67.2
XX站01室	35.2	69.1
XX站04室	35.1	61.6
XX站XX室		

Web Monitoring Interface

