



Interactive Smart Sensor

TI-S5



Description :

The interactive smart sensor is suitable for smart building systems. Using wired network, WIFI (TCP), RS485 ModBus RTU and other transmission modes, it supports the detection of indoor temperature, humidity, PM2.5, CO2, formaldehyde, VOC, pressure, illumination intensity, etc. In conclusion, it is a sensor with centralized functions that supports all-weather detection of indoor air quality.

Specification:

Temperature range	-20~80°C, resolution 0.1°C
Humidity range	0~100%RH, resolution 0.1%RH
PM2.5 range	0~1000ug/m3, resolution 0.1ug/m3
CO2 range	400~2000PPM, resolution 0.1PPM
Formaldehyde range	0~1mg/m3, resolution 0.001mg/m3
VOC range	0~1mg/m3, resolution 0.001mg/m3
Pressure range	300~1100hPa, resolution 0.1hPa
Others	Built-in RJ45/WIFI module; RS485*1; Ethernet*1; Reset button*1
Communication mode	Wired network, WIFI (TCP), RS485 ModBus RTU protocol
Power supply	12V DC/POE 48V AC (15W)
Working temperature	-20°C~80°C
Working humidity	0%Rh~99%RH (no water vapor condensation)
Dimension	168*168*28mm
Weight	0.45kg