

Datasheet

Instruction

This is a KNX 3-in-1 integrated environmental sensor for building automation. It monitors and displays temperature, humidity, PM2.5 / PM10, and AQI in real time, uploads data to the KNX bus, and supports logic control and air quality linkage. It is widely used in homes, offices, and public buildings for intelligent environment monitoring and control.

Environmental Sensor



Key Features

- Detects and displays PM2.5 / PM10 particle concentration
- Measures and displays temperature and humidity
- Uploads environmental data to KNX bus
- Supports AQI (Air Quality Index) detection and display
- 3 built-in logic control functions
- Standard 86-wall box installation

Parameters

- Power Supply: 21–30V DC
- Auxiliary Voltage: 21–30V DC
- Bus Consumption: <1.5W
- Connections: KNX
- Installation: Flush Mounting
- Flush Mounted Module: Standard 86mm wall box
- Dimension: 86 × 86 × 45 mm
- Weight: 0.3kg
- Working Temperature: -5°C to +45°C
- Storage Temperature: -25°C to +55°C
- Working Humidity: <93%RH (non-condensing)

