Environment Sensor

Weather perception adopts relatively advanced sensing technology, integrates main ambient gases and meteorological parameters, and can be widely used in fields such as meteorology, environmental protection, urban dust, smart cities, transportation, electricity, and smart street lights.
(PM2.5+PM10+temperature and humidity, wind speed, wind direction, noise, light)

Functions

● Atmospheric Environment Meteorological Parameter Monitoring

● Provide data for environmental protection

Parameter

● Supply voltage: 12V~24V DC

● Working environment: -40℃～+60℃

● Temperature range: -50℃-80℃

● Temperature accuracy: ±0.1℃

● Humidity range: 0-100%RH

● Humidity accuracy: 0.8%RH

● PM2.5 range: 0~1000μg/m³

● PM2.5 Accuracy: ±10μg/m³

● PM10 range: 0~1000μg/m³

● PM10 Accuracy: ±10μg/m³

● Noise range: 30-130Db(A)

● Noise Accuracy: 1.5Db

● Solar radiation range: 0~2000w/m²

● Solar radiation accuracy: better than 5%

● Interface: RJ45/RS485

● Dimensions (including mounting brackets): diameter 140mm, height 360mm