EVA-2310

LoRaWAN Temperature and Humidity Sensor



Features

- LoRaWAN wireless connectivity
- -20 °C to 55 °C temperature detection range
- 0%RH to 90%RH humidity detection range
- Battery life up till 5 years@25 °C, 15mins interval setting
- Easy to deploy and maintain









Introduction

EVA-2310 is capable to measure temperature and humidity at different kinds of application, such like office, hospital, classroom, warehouse, etc. With it's wide range, high penastration rate LoRa connectivity, the data transmission range can up till hundred or thousand meters away. EVA-2310 can be installed directly on the walls, metal box or poles. EVA-2310 is powered by 2 AA 3.6v Li-ion batteries, battery life can up till 5 years basing on certain condition.

Common Specification

Wireless Communication

 Frequency Band EU 863-870 (MHz) / US 902-928 (MHz) / AU 915-928 (MHz) / AS 919-924 (MHz)

 Spreading Factor 7~12 Transmit Power Up to 20dBm Topology Star (LoRa/LoRaWAN)

Sensitivity

General

- Power Input 3.6V AA Battery *2pcs (Not included) Battery Life 5 years@25 °C, 15mins interval setting LED Indicator Power on, TX, reset to default - Configuration Interface Wireless downlink commands

IP Class IP30

Mounting Wall, Magnetic, Pole Dimension (H x W x D) 112 x 51 x 71.5 mm

CE (RED), FCC, TELEC, RCM, NCC Certification

Environment

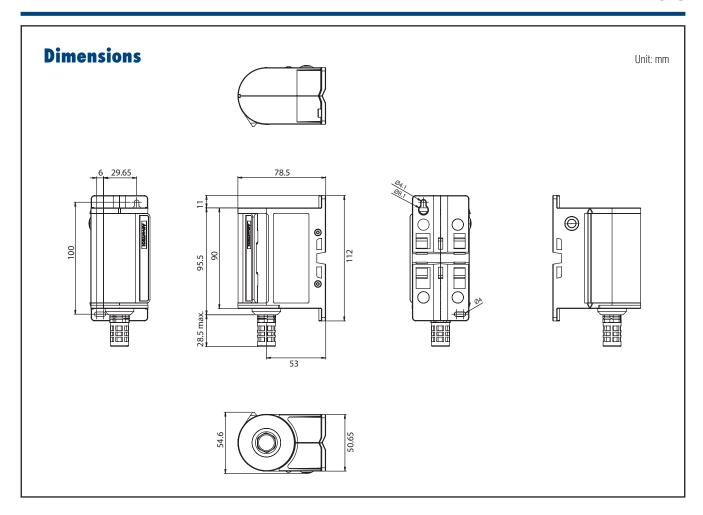
 Operating Temperature -20°C to 55 °C Operating Humidity 0% ~ 90% RH Storage Temperature -40°C ~ 85°C 0% ~ 90% RH Storage Humidity

Temperature Sensor

 Measurement Range -20°C ~ 55°C ±1°C @25°C Accuracy

Humidity Sensor

 Measurement Range 0%RH to 90%RH ±4%RH @25°C Accuracy



Ordering Information

LoRaWAN Temperature and Humidity Sensor

■ EVA-2310-NA LoRaWAN Temperature and Humidity Sensor -

US 902-928 (MHz)

• EVA-2310-EA LoRaWAN Temperature and Humidity Sensor -

EU 863-870 (MHz)

• EVA-2310-TA LoRaWAN Temperature and Humidity Sensor -

AS 919-924 (MHz)

■ EVA-2310-ZA LoRaWAN Temperature and Humidity Sensor -

AU 915-928 (MHz)

LoRaWAN Gateway

WISE-6610-NB LoRaWAN gateway with NA915 MHz
WISE-6610-EB LoRaWAN gateway with EU868 MHz
WISE-6610-TB LoRaWAN gateway with AS923 MHz
WISE-6610-JB LoRaWAN gateway with JP923 MHz

WISE-6610-EL-NB LORAWAN gateway with NA915 MHz and Edgelink
WISE-6610-EL-EB LORAWAN gateway with EU868 MHz and Edgelink
WISE-6610-EL-TB LORAWAN gateway with AS923 MHz and Edgelink
WISE-6610-EL-JB LORAWAN gateway with JP923 MHz and Edgelink

Accessories

***** *1760002647-01

*One EVA sensor need 2 batteries.

Bat.Cylindrical 3.6V/2500mAh AA Li/SOCI2