# HIP SMART FARM

# CMF-N312A
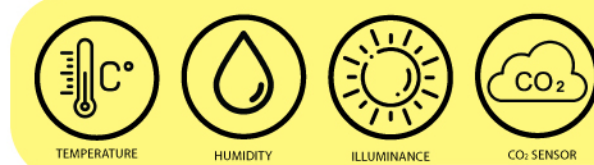## Air Temperature, Humidity, Illuminance & CO$_2$ Sensor

The Air Temperature, Humidity, Illuminance & CO2 sensors can be used for professional measurement of atmospheric temperature, relative humidity, light intensity, and CO2 concentration. This product is available in a variety of housings and can be built into a waterproof and UV resistant shield. It can be widely used in agriculture, forestry, meteorological monitoring, workshop storage and other scenarios.
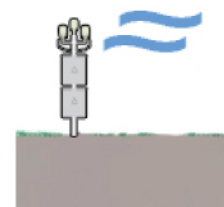
## FEATURES

- Highly integrated and easy to use
- Various shapes are available for easy installation
- Stable performance and fast response
- Easy to debug and save testing time

**HIP**

| TEMPERATURE | HUMIDITY | ILLUMINANCE | CO$_2$ SENSOR |

## "Smart Farm"

## SPECIFICATIONS

| Item | Technical Specification | | | |
|---|---|---|---|---|
| | Temperature | Humidity | Illuminance | CO$_2$ |
| Range | -30~7°C | 0~100%RH | 0~200K Lux | 0~2000ppm |
| Accuracy | ±0.2°C(@25°C) | ±3%RH(10%~90%) | ±3%FS | ±20ppm |
| Resolution | 0.1°C | 0.1%RH | 10Lux | 1ppm |
| Supply | Mark on the label | | | |
| Output | RS485 (MODBUS-RTU) | | | |
| Operating Temperature | -30°C~+70°C | | | |
| Cable Length | Standard 2m (accept customization) | | | |
| Response Time | <1s | | | |
| Shell Material | ABS | | | |

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