

# CMF-N312

**Air Temperature, Humidity,  
Illuminance & CO<sub>2</sub> Sensor**

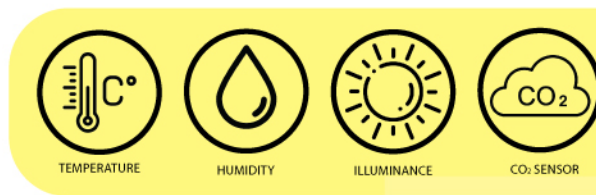


The Air Temperature, Humidity, Illuminance & CO<sub>2</sub> sensors can be used for professional measurement of atmospheric temperature, relative humidity, light intensity, and CO<sub>2</sub> concentration. This product is available in a variety of housings and can be built into a waterproof and UV resistant shield. It can be widely used in agriculture, forestry, meteorological monitoring, workshop storage and other scenarios.



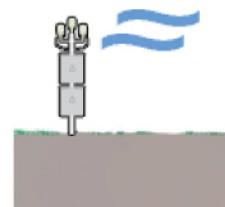
**FEATURES**

- 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



**SPECIFICATIONS**

Item	Technical Specification			
	Temperature	Humidity	Illuminance	CO <sub>2</sub>
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			



**“Smart Farm”**

