



The Air Temperature, Humidity & Illuminance Sensor is a professional measurement of air temperature, relative humidity & illuminance. The sensor has the characteristics of digital output and complete mutual rotation. It does not need to undergo complex calibration. It is outstanding in measurement accuracy, linearity, repeatability, mutual rotation and consistency. It is designed with a temperature compensation circuit and can be used at different ambient temperatures.

It is very suitable for monitoring air temperature, humidity and illumination.



FEATURES

- High sensitivity
- Fast response
- High precision, wide measuring range
- Effective resistance to water vapor
- Excellent stability
- Easy installation



TEMPERATURE



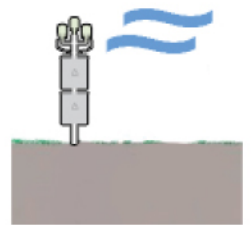
HUMIDITY



ILLUMINANCE

SPECIFICATIONS

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



“Smart Farm”

