



Air Sensor
(Temperature, Relative Humidity)
Analog Output (RS485)

MODEL NO: HS-ATHB009



ADVANTAGES:-



Protection Shield Included



High Accuracy



Fast & Simple to Install



HEYSENSE Remote Setup Service

PRODUCT OVERVIEW

Professional and intelligent measuring sensors with a digital interface for environmental and industrial applications such as PV plants. The measured values can be transmitted to monitoring instruments, data loggers and other receiving units via the Analog Output (RS485) interface.

The sensing probe is housed in a compact, low weight, radiation shield. Cabling to the probe can be routed adjacent to or through the shield and mounting hardware, providing an extra measure of protection from cable strain, fatigue, and animal damage. Power and data are provided through a 6 wire connection.

HEYSENSE products use reliable and high-quality components to provide accurate meteorological information in environmental and industrial applications. They are specially designed according to the requirements of PV plant monitoring systems.

TECHNICAL SPECIFICATIONS

Parameters	Temperature	Humidity	Dewpoint Temperature
Range	-80 to +100 deg C	0-100% RH	-80-+50°C
Resolution	0.01°C	0.10%RH	0.01°C
Accuracy	±0.2°C	±1%RH	±0.2°C
Working Principle	PRT	Capacitive	PRT
Protection Class	IP 65	IP 65	IP 65
Response Time	2s	2s	2s
Irradiation Shield Layers	Non aspirated UV protected radiation shield		



Thermometers	PRT / Platinum Resistance Thermometer
Output Signal	RS485 1min Average
Operating Temperature	-80 to +100 °C
Current Consumption	<20mA
Tolerance	0°C : 0.20 °C
Supply	12-24VDC
Certification	NABL certification and CE compliance



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