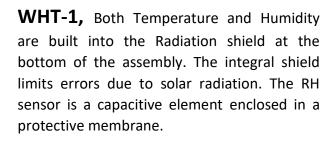
# **ATRH Sensor (WHT-1)**

## **Application**

- Weather monitoring station
- Industrial application
- Disaster management
- Environmental monitoring
- Climate research
- Precision / Smart agriculture
- HVAC



### Features:

- Large radiation shields for better protection and air circulation.
- Consistent performance over service life span.
- Periodic calibration may be desirable to ensure measured accuracy.



## **Specifications**

Accuracy, Range, and Resolution (Temperature)

- Resolution of 0.01 °C
- Range -20°C to +80°C
- Response Time under 10 sec
- Accuracy ±0.1 °C for 0 °C to +60°C
- Accuracy ±0.2°C for -20°C to 0 °C

## Accuracy, Range and Resolution (Humidity)

- Resolution of 1% RH
- Range 0% to 100%
- Response Time under 20 sec
- Accuracy ±2% RH non condensing

### Interface

- Digital, over I2C bus
- Max 5V DC, 1 mA



