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# Temperature and Humidity Transmitter

- RS485/Analog type
- Network type
- Wireless type
- Measurement Accuracy/High Stability
  Wide Application/Multiple output signal options/High reliability/Adjustability
  Easy installation



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# Large LCD Temperature and Humidity Transmitter Recorder

## Product Characteristics


- Power Supply: 10-30VDC(P≤0.4W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+120℃, Default-40℃~+80℃
- Signal Output: RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 122mm*102mm*36mm
- Operating Temperature and Humidity of the Circuit: -20℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Typical Characteristics：Capable of Recording 65,000 data Entries Equipped With Sound and Light Alarms and Automatic Control

# Wall-mounted Temperature and Humidity Transmitter

## Product Characteristics


- Power Supply: 10-30VDC(P≤0.036W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+80℃
- Signal Output: 4-20mA/0-5V/0-10V/RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 100mm*85mm*26mm
- Operating Temperature and Humidity of the Circuit: -20℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity:≤8s (1m/s Wind Speed)<br>Temperature:≤25s (1m/s Wind Speed)
- Typical Characteristics：Wall-mount installation, suitable for HVAC (Heating, Ventilation, and Air Conditioning) control

# Wangzi Shell LCD Temperature and Humidity Transmitter

## Product Characteristics


- Power Supply: 10-30VDC(P≤0.4W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+80℃
- Signal Output: RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 110mm*85mm*44mm
- Operating Temperature and Humidity of the Circuit: -20℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity：≤ 8s (at 1m/s air Velocity)<br>Temperature：≤ 25s (at 1m/s air Velocity)
- Typical Characteristics：Built-in and Extension Types of Probes are Available, with Probe Cables Reaching up to 30 Meters in Length

# Air duct Temperature and Humidity Transmitter

## Product Characteristics


- Power Supply: 10-30VDC(P≤1.3W)
- A-Grade Accuracy: Temperature：±0.5℃ (25℃)<br>Humidity：±3%RH (60%RH,25℃)
- Temperature Range：-40℃~+80℃
- Signal Output: 4-20mA/0-5V/0-10V/RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 100mm*85mm*26mm
- Operating Temperature and Humidity of the Circuit: -40℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Probe： Φ14 cm France Plateau： Φ57cm
- Typical Characteristics：Flange Installation, Suitable for Measuring Temperature and Humidity Inside the Pipeline

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# Wall-mounted Rectangular Shell Temperature and Humidity Transmitter

## Product Characteristics


- Power Supply: 10-30VDC(P≤0.4W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+120℃, Default-40℃~+80℃
- Signal Output: 4-20mA/0-5V/0-10V/RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 110mm*85mm*44mm
- Operating Temperature and Humidity of the Circuit: -40℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity:≤8s (1m/s Wind Speed)<br>Temperature:≤25s (1m/s Wind Speed)
- Typical Characteristics：IP65 Protection, Suitable for Long-term use in Outdoor Rainy and Snowy Environments

# Digital Display Duct-mounted Temperature and Humidity Transmitter

## Product Characteristics


- Power Supply: 10-30VDC(P≤0.4W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+80℃
- Signal Output: 4-20mA/0-5V/0-10V/RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 110mm*85mm*44mm<br>Customizable Probe Length
- Operating Temperature and Humidity of the Circuit: -20℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity:≤8s (1m/s Wind Speed)<br>Temperature:≤25s (1m/s Wind Speed)
- Typical Characteristics：Adopting a Particle Sintered Probe Sheath, the Probe is Directly Connected to the Housing, Resulting in an Elegant and Aesthetically Pleasing Appearance

# Digital Display Temperature and Humidity Transmitter

## Product Characteristics


- Power Supply: 10-30VDC(P≤0.4W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+80℃
- Signal Output: 4-20mA/0-5V/0-10V/RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 110mm*85mm*44mm
- Operating Temperature and Humidity of the Circuit: -40℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity：≤ 8s (at 1m/s air Velocity)<br>Temperature：≤ 25s (at 1m/s aiVelocity)
- Typical Characteristics：IP65 Protection Rating with Digital Display, Suitable for Long-term use in Outdoor Rainy and Snowy Environments

# Long Duct-mounted Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: 10-30VDC(P≤0.048W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+80℃
- Signal Output: RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: Length: 23.85cm Diameter: 1.4cm<br>Flange: Φ5.75cm
- Operating Temperature and Humidity of the Circuit: -40℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity:≤8s (1m/s Wind Speed)<br>Temperature:≤25s (1m/s Wind Speed)
- Typical Characteristics：Utilizing EMC Interference-resistant Components and inDustrial-grade Processing Chips, it has a Wide Range of Applications

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# 86 LCD Shell Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: 10-30VDC(P≤0.4W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+80℃
- Signal Output: 4-20mA/0-5V/0-10V/RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 86mm*86mm*26mm
- Operating Temperature and Humidity of the Circuit: -20℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity:≤8s (1m/s Wind Speed)<br>Temperature:≤25s (1m/s Wind Speed)
- Typical Characteristics：Standard 86 Shell Wall-mount Installation With Liquid Product Display


# Concrete Curing Dedicated Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: 10-30VDC(P≤1.5W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Long-term Stability：Temperature:≤0.1℃/yr<br>Humidity:≤1%RH/yr
- Signal Output: 4-20mA/0-5V/0-10V/RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 90mm*82mm*48.8mm
- Operating Temperature and Humidity of the Circuit: -40℃~+60℃, 0%RH-100%RH
- Response Time：Humidity：≤ 4s (at 1m/s air velocity) Temperature：≤ 15s (at 1m/s air velocity)


# Probe-type Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: 5-28VDC(P≤0.05W)
- A-Grade Accuracy: Temperature：±0.5℃ (25℃)<br>Humidity：±4%RH (60%RH,25℃)
- Signal Output: RS485 (Modbus-RTU)
- Operating Temperature and Humidity of the Circuit: -20℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Refresh Interval for Temperature and Humidity: 2S
- Temperature Display Resolution：0.1℃
- Humidity Display Resolution：0.1%RH
- Response Time：Humidity:≤8s (1m/s Wind Speed)<br>Temperature:≤25s (1m/s Wind Speed)
- Long-term Stability：Temperature ≤0.1℃/y, Humidity ≤1%RH/y

# Flat Card Rail-mounted 485 Type Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: 10-30VDC(P≤0.3W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+60℃
- Signal Output: RS485 (Modbus-RTU)
- Humidity Range：0%RH~95%RH
- Product Dimensions: 65mm*46mm*28.5mm
- Operating Temperature and Humidity of the Circuit: -40℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity:≤8s (1m/s Wind Speed)<br>Temperature:≤25s (1m/s Wind Speed)
- Typical Characteristics：Standard 35mm DIN rail inStallation Suitable for Electrical Cabinets

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# Temperature and Humidity Display Board

## Product Characteristics

- Power Supply: 10-30VDC(P≤0.64W)
- A-Grade Accuracy: Temperature：±0.4℃ (25℃)<br>Humidity：±2%RH (60%RH,25℃)
- Temperature Range：-40℃~+120℃，Default-40℃~+80℃
- Signal Output: 4-20mA/0-5V/0-10V/WIFI/RS485 (Modbus-RTU)
- Humidity Range：0%RH~100%RH
- Product Dimensions: 275mm*273mm
- Operating Temperature and Humidity of the Circuit: -20℃~+60℃, 0%RH-95%RH (Non-Condensation)
- Response Time：Humidity:≤8s (1m/s Wind Speed)<br>Temperature:≤25s (1m/s Wind Speed)
- Typical Characteristics：Utilizing Large-sized High-brightness Digital Displays, it can Still Provide Clear Visibility Even in Bright Lighting Conditions


# Explosion-proof Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: 10-30VDC(P≤0.35W)
- A-Grade Accuracy: Temperature：±0.5℃ (25℃)<br>Humidity：±3%RH (60%RH,25℃)
- Signal Output: RS485 (Modbus-RTU)
- Operating Temperature and Humidity of the Circuit: -20℃~+60℃<br>0%RH-100%RH
- Temperature Range：-20℃~+60℃
- Humidity Range：0%RH-100%RH
- Product Dimensions: 197mm*154mm*94mm
- Long-term Stability：Temperature:≤0.1℃/y, Humidity:≤1%RH/y
- Typical Characteristics：It Adopts Remote Infrared Remote Control Technology, Allowing Parameter Modifications Without the Need for Disassembly


# Infrared Temperature Sensor

## Product Characteristics

- Power Supply: 24VDC(P≤0.12W)
- Measurement Accuracy: Measurement Accuracy: ±1% or ±1℃<br>Whichever is Greater (at 300℃)
- Operating Temperature and Humidity of the Circuit: Temperature: 0~60℃<br>Relative Humidity: 10-95% (Non-condensing)
- Product Dimensions: Product Dimensions: 113mm×φ18mm<br>(Length*Diameter)
- Spectral Range: Spectral Range: 8~14 μm<br>Optical Resolution: 20:1
- Response Time: Response Time: 150 ms (95%)<br>Load Capacity: ≤600Ω
- Output Signal: 4~20mA/RS485
- Measurement Temperature Range: Temperature Measurement Range: 0-1200℃0-600℃ (Default), Multiple Ranges Available for Selection

**Flat-type Probe**

Large Contact area,Suitable for Measuring the Surface Temperature of Objects

**Stainless Steel Probe**

Fully Sealed Probe Suitable for Measuring Liquid Temperature

**Magnetic Suction Probe**

The Probe is Magnetic Suitable for Measuring the Temperature of Magnetic Materials

**High-temperature Probe**

Temperature Measurement Range: 0 to +300℃

**Low-temperature Probe**

Temperature Measurementrange: -100 to +200℃

**Quarter-inch Threaded Probe**

Standard Quarter-inch Threadedprobe, Suitable for Measuring Internal Temperature of Pipelines

**Precision Probe**

Suitable for Multiple Occasions Sensitive Response,Waterproof but not Dustproof

**Waterproof Probe**

Dustproof Probe Suitable for High-dust Environments with Waterproof Capabilities

**High-sensitivity Probe**

Suitable for Various Occasions, Sensitive Response,Waterproof but not Dustproof

**High-temperature Probe**

Suitable for Measuring Temperatures Above 80℃

**Metal Probe**

Suitable for High-dust Environments With a High Requirement for Sensitive Response

**Quarter-inch Threaded Probe**

With Four-way Threaded Connections

# Network Type Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: 10-30VDC
- A-Grade Accuracy: Temperature：±0.4°C (25°C)
  Humidity：±2%RH (60%RH,25°C)
- Signal Output: RS485 (Modbus-RTU)
- Operating Temperature and Humidity of the Circuit: -20°C~+60°°C, 0%RH-95%RH (Non-condensing)
- Temperature Range: -40°C~+120°C, Default-40°C~+80°C
- Humidity Range: 0%RH~100%RH
- Product Dimensions: 122mm*102mm*36mm
- Response Time: Humidity : ⩽8s (at 1m/s air velocity)
  Temperature : ⩽25s (at 1m/s air velocity)
- Typical Characteristics: Built-in Alarm Function, Capable of Setting Upper and Lower Limits for Alarms, as Well as Hysteresis Values

Ethernet Type Temperature and Humidity Transmitter

4G Type Temperature and Humidity Transmitter

WiFi Type Temperature and Humidity Transmitter





# 4G Enclosure Type Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: 10-30VDC
- Accuracy: Temperature：±0.4°C (25°C)
  Humidity：±2%RH (60%RH,25°C)
- Signal Output: 4G
- Operating Temperature and Humidity of the Circuit: -20°C~+60°°C, 0%RH-95%RH (Non-condensing)
- Probe Operating Temperature: -40°C~+120°C, Default-40°C~+80°C
- Probe Operating Humidity: 0%RH~100%RH
- Product Dimensions: 110mm*85mm*44mm
- Typical Characteristics: Wall-mounted Installation, 4G Transmission Mode, no Need for On-site Wiring no Distance Limitations


# NB Enclosure Type Temperature and Humidity Transmitter

## Product Characteristics

- Power Supply: Powered by lithium batteries
- Accuracy: Temperature：±0.4°C (25°C)
  Humidity：±2%RH (60%RH,25°C)
- Signal Output: NB-IoT
- Operating Temperature and Humidity of the Circuit: -40°C~+60°°C, 0%RH-95%RH (Non-condensing)
- Probe Operating Temperature: -40°C~+120°C, Default-40°C~+80°C
- Probe Operating Humidity: 0%RH~100%RH
- Product Dimensions: 110mm*85mm*44mm
- Long-term Stability: Temperature: ⩽0.1°C/year
  Humidity: ⩽1%RH/year
- Typical Characteristics: Easy Installation, no Wiring RequiredUtilizing NB-IoT Wireless Communication for Full Network Coverage

# WiFi Temperature and Humidity Data Logger C4

## Product Characteristics


- Power Supply: Powered by DC 5V or Internal Battery
- Accuracy: Temperature：±0.5℃ (25℃)
  Humidity：±3%RH (60%RH,25℃)
- Signal Output: WIFI
- Temperature Range: Built-in Probe Type: -20 to +60℃
  External Probe Type: -40 to +80℃
- Humidity Range: 0%RH~100%RH
- Product Dimensions: 87mm*53mm*27mm
- Charging Duration: Fully Charged in 6 hours
- Typical Characteristics: Utilizing AirKiss WiFi Networking Technology
  Easily Connect With a Single Button Press
- Operating Duration: Once Fully Charged, the Device can Operate Continuously for 14 days. When Connected to an External Power Source, it can Work Continuously for an Extended Period

# Low-power 4G Temperature and Humidity Transmitter (C3 Enclosure)

## Product Characteristics


- Power Supply: Powered by DC 5V or Internal Battery
- Signal Output: 4G
- Temperature Range: Built-in Probe: -20℃ to +60℃
  External Probe: -40℃ to +80℃
- Humidity range: Built-in Probe: 0%RH to 95%RH
  External Probe: 0%RH to 100%RH
- Transmitter Electrical Operating Temperature and Humidity: -20℃ to +60℃, 0%RH to 95%RH (Non-condensing)
- Product Dimensions: 120mm*113mm*33mm
- Measurement accuracy: Temperature: Standard Accuracy: ±0.5℃ (at 25℃)
  High Accuracy: ±0.2℃ (at 25℃)
  Humidity: Standard Accuracy: ±3%RH (at 60%RH, 25℃)
  High Accuracy: ±2%RH (at 60%RH, 25℃)





# WiFi Temperature and Humidity Data Logger C3

## Product Characteristics


- Power Supply: Powered by DC 5V or Internal Battery
- Measurement Accuracy: Humidity: Default Accuracy: ±3%RH
  Standard Accuracy: ±2%RH
  High Accuracy: ±1.5%RH (at 60%RH, 25℃)
- Temperature: Temperature: Default Accuracy: ±0.3℃
  Standard Accuracy: ±0.2℃
  High Accuracy: ±0.1℃ (at 25℃)
- Temperature Range: Built-in Probe: -20℃ to +60℃
  External Probe: -40℃ to +80℃
- Humidity Range: Built-in Probe: 0%RH to 95%RH
  External Probe: 0%RH to 100%RH
- Product Dimensions: 120mm*113mm*33mm
- Typical Features: Adopting AirKiss WiFi Connection TechnologyEasily Connect With Just One Click

# Low-power 4G Temperature and Humidity Transmitter (C5 Enclosure)

## Product Characteristics


- Power Supply: Powered by DC 10-30V, DC 5V, or Internal Battery
- Signal Output: 4G
- Temperature Range: Built-in Probe: -20℃ to +60℃
  External Probe: -40℃ to +80℃
- Humidity Range: Built-in Probe: 0%RH to 95%RH
  External Probe: 0%RH to 100%RH
- Transmitter Electrical Operating Temperature and Humidity: -20℃ to +60℃, 0%RH to 95%RH (Non-condensing)
- Product Dimensions: 120mm*113mm*33mm
- Measurement Accuracy: Temperature: Standard accuracy: ±0.5℃ at 25℃
  High accuracy: ±0.2℃ at 25℃
  Humidity: Standard accuracy: ±3% RH at 60% RH, 25℃
  High accuracy: ±2% RH at 60% RH, 25℃

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# WiFi Multi-probe Temperature and Humidity Data Logger

## Product Characteristics

- Power Supply: 10-30V DC
- A-Grade Accuracy: Temperature: ±0.4°C (25°C)
  Humidity: ±2%RH (60%RH,25°C)
- Signal Output: WIFI
- Temperature Range: -40°C~+120°C, Default-40°C~+80°C
- Humidity Range: 0%RH~100%RH
- Product Dimensions: 122mm*102mm*36mm
- Operating Temperature and Humidity of the Circuit: -20°C to +60°C, 0%RH to 95%RH (Non-condensing)
- Response Time: Humidity: ⩽8s (at 1m/s air velocity)
  Temperature: ⩽25s (at 1m/s air velocity)
- Typical Characteristics: Up to four Fhannels of Temperature and Humidity Monitoring, With Probe Cables Extendable up to 30 Meters

# 4G Multi-probe Temperature and Humidity Data Logger

## Product Characteristics

- Power Supply: 10-30V DC
- A-Grade Accuracy: Temperature: ±0.4°C (25°C)
  Humidity: ±2%RH (60%RH,25°C)
- Signal Output: 4G
- Temperature Range: -40°C~+120°C, Default-40°C~+80°C
- Humidity Range: 0%RH~100%RH
- Product Dimensions: 122mm*102mm*36mm
- Operating Temperature and Humidity of the Circuit: -20°C to +60°C, 0%RH to 95%RH (Non-condensing)
- Response Time: Humidity: ⩽8s (at 1m/s air velocity)
  Temperature: ⩽25s (at 1m/s air velocity)
- Typical Characteristics: Up to four Fhannels of Temperature and Humidity Monitoring, With Probe Cables Extendable up to 30 Meters

# Ethernet Multi-probe Temperature and Humidity Data Logger

## Product Characteristics

- Power Supply: 10-30V DC
- A-Grade Accuracy: Temperature: ±0.4°C (25°C)
  Humidity: ±2%RH (60%RH,25°C)
- Signal Output: Ethernet
- Temperature Range: -40°C~+120°C, Default-40°C~+80°C
- Humidity Range: 0%RH~100%RH
- Product Dimensions: 122mm*102mm*36mm
- Operating Temperature and Humidity of the Circuit: -20°C to +60°C, 0%RH to 95%RH (Non-condensing)
- Response Time: Humidity: ⩽8s (at 1m/s air velocity)
  Temperature: ⩽25s (at 1m/s air velocity)
- Typical Characteristics: Free Cloud Platform for Real-time Viewing on Multiple Devices

# Ultra-wide Temperature Transmitter

## Product Characteristics


- DC Power Supply: 10-30V DC
- Maximum Power Consumption: 0.4W
- Accuracy: ±0.5°C(25°C)
- Probe Cable Length: Probe cable length: 3m
  (Maximum Length up to 50 Meters)
- Output Signal: 4G/WiFi/Ethernet/RS485
  (Modbus-RTU Protocol)
- Temperature Display Resolution: 0.1°C
- Probe Operating Temperature: Ultra-low Temperature Probe: -100°C to +200°C
  Ultra-high Temperature Probe: 0°C to +300°C
  Ultra-wide Low-temperature Probe: -200°C to +200°C
- Transmitter Electrical Operating Temperature and Humidity: -20°C~+60°C, 0%RH~95%RH(Non-condensing)