



# Smart Factory

An efficient and economical way to run your factory

## Temperature and Humidity Sensor

- ◆ **Environmental Monitoring:** monitor and maintain the best condition of facilities, warehouses, and cleanrooms.
- ◆ **HVAC System:** provide a comfortable working environment for employees.
- ◆ **Control:** monitor and control factors of drying, curing, and fermentation process.



**【R718A】**  
Wireless Temperature and Humidity Sensor

Model	Powered by	Model Name	Measurement
R718A	2 x ER14505 3.6V Lithium AA battery	Wireless Temperature and Humidity Sensor For Low Temperature Environment	-40°C ~ 55°C
R718A01	2 x ER14505 3.6V Lithium AA battery	Wireless Temperature and Humidity Sensor For Low Temperature Environment with Data Storage	-40°C ~ 55°C
R718AB	2 x ER14505 3.6V Lithium AA battery	Wireless Temperature and Humidity Sensor	-20°C ~ 55°C
R718AD	2 x ER14505 3.6V Lithium AA battery	Wireless Temperature Sensor - DS18B20	-40°C ~ 125°C



# Temperature and Thermocouple Sensor



## Industrial oven, furnace, and kiln:

monitor and control temperature while operating.

## Heat treatment and metallurgy:

monitor material temperature while heating and cooling.

## Incineration plant and waste-to-energy plant:

monitor the incineration process to ensure a safer operating procedure.

## Boiler, turbine engine, and heat exchanger:

monitor the temperature of vapor, steam, and other liquids.

## Petrochemical and petroleum refining industry:

monitor the temperature in different production steps.



**【R718C】**  
Wireless Temperature and Humidity Sensor



**【R718B-PT1000】**  
Wireless Resistance Temperature Detector

## Temperature Sensor ( PT1000 )

Model	Name
R718B120	Wireless Temperature Sensor - PT1000 Round Head Probe -70°C ~ 200°C
R718B121	Wireless Temperature Sensor - PT1000 Needle Probe -70°C ~ 200°C
R718B122	Wireless Temperature Sensor - PT1000 Magnetic Probe -50°C ~ 180°C
R718B220	Wireless 2-Gang Temperature Sensor - PT 1000 Round Head Probe -70°C ~ 200°C
R718B221	Wireless 2-Gang Temperature Sensor - PT 1000 Needle Probe -70°C ~ 200°C
R718B222	Wireless 2-Gang Temperature Sensor - PT 1000 Magnetic Probe -50°C ~ 180°C
R718B140	Wireless Temperature Sensor - PT1000 Round Head Probe -40°C ~ 375°C
R718B141	Wireless Temperature Sensor - PT1000 Needle Probe -40°C ~ 375°C
R718B240	Wireless 2-Gang Temperature Sensor - PT 1000 Round Head Probe -40°C ~ 375°C
R718B241	Wireless 2-Gang Temperature Sensor - PT 1000 Needle Probe -40°C ~ 375°C
R718B150	Wireless Temperature Sensor - PT1000 Round Head Probe -40°C ~ 500°C
R718B151	Wireless Temperature Sensor - PT1000 Needle Probe -40°C ~ 500°C
R718B250	Wireless 2-Gang Temperature Sensor - PT 1000 Round Head Probe -40°C ~ 500°C
R718B251	Wireless 2-Gang Temperature Sensor - PT 1000 Needle Probe -40°C ~ 500°C

## Thermocouple Sensor

Model	Name
R718CK	Wireless Thermocouple Sensor - Type K
R718CK2	Wireless 2-Gang Thermocouple Sensor - Type K
R718CN	Wireless Thermocouple Sensor - Type N
R718CN2	Wireless 2-Gang Thermocouple Sensor - Type N
R718CT	Wireless Thermocouple Sensor - Type T
R718CT2	Wireless 2-Gang Thermocouple Sensor - Type T



# Machine Health Monitoring

To protect your precious assets and safety, Netvox provides a series of smart devices to monitor the condition of machines, including temperature, vibration, and current. These devices help you to detect the malfunction of machines and prevent an unexpected breakdown.



**【R718EC】**

Wireless Accelerometer  
and Surface  
Temperature Sensor



**【R718H】**

Wireless Pulse  
Counter Interface



**【R718N17】**

Wireless 1-Phase  
Current Meter

## Industrial Vibration Sensor

Model	Name
R718DA	Wireless Vibration Sensor, Rolling Ball Type
R718DA2	Wireless 2-Gang Vibration Sensor, Rolling Ball Type
R718DB	Wireless Vibration Sensor, Spring Type
R718DB2	Wireless 2-Gang Vibration Sensor, Spring Type
R718E	Wireless Accelerometer and Surface Temperature Sensor
R718EA	Wireless Tilt Angle and Surface Temperature Sensor
R718EB	Wireless Tilt Angle Sensor
R718EC	Wireless Accelerometer and Surface Temperature Sensor
R718MBA	Wireless Activity Detection Sensor
R718MBB	Wireless Activity Event Counter
R718MBC	Wireless Activity Timer

## Industrial Current Meter

Model	Name
R718N17	Wireless Single-Phase Current Meter with 1 x 75A Clamp-On CT
R718N115	Wireless Single-Phase Current Meter with 1 x 150A Clamp-On CT
R718N125	Wireless Single-Phase Current Meter with 1 x 250A Clamp-On CT
R718N163	Wireless Single-Phase Current Meter with 1 x 630A Clamp-On CT
R718N37	Wireless 3-Phase Current Meter with 3 x 75A Clamp-On CT
R718N315	Wireless 3-Phase Current Meter with 3 x 150A Clamp-On CT
R718N325	Wireless 3-Phase Current Meter with 3 x 250A Clamp-On CT
R718N360	Wireless 3-Phase Current Meter Interface
R718N363	Wireless 3-Phase Current Meter with 3 x 630A Clamp-On CT
R718NL17	Wireless Light Sensor and Single-Phase Current Meter with 1 x 75A Clamp-On CT
R718NL115	Wireless Light Sensor and Single-Phase Current Meter with 1 x 150A Clamp-On CT
R718NL125	Wireless Light Sensor and Single-Phase Current Meter with 1 x 250A Clamp-On CT
R718NL163	Wireless Light Sensor and Single-Phase Current Meter with 1 x 630A Clamp-On CT
R718NL37	Wireless Light Sensor and 3-Phase Current Meter with 3 x 75A Clamp-On CT
R718NL315	Wireless Light Sensor and 3-Phase Current Meter with 3 x 150A Clamp-On CT
R718NL325	Wireless Light Sensor and 3-Phase Current Meter with 3 x 250A Clamp-On CT
R718NL363	Wireless Light Sensor and 3-Phase Current Meter with 3 x 630A Clamp-On CT



# Warehouse Security Monitoring



To protect products and material from missing, Netvox provides a series of smart devices, such as temperature/humidity sensor, water leakage sensor, smoke detection sensor, reed switch, and PIR. These devices can help you manage warehouses and keep your products in a safer environment.



**【R718MBA】**  
Wireless Activity  
Detection Sensor



**【R718WA】**  
Water Leak Detector



**【RA02A】**  
Wireless Smoke  
Detector



**【R718F】**  
Wireless Reed Switch  
Open/Close Detection  
Sensor



**【R718PQ】**  
Wireless Short-Range  
Occupancy Sensor

## Industrial Water Leak Detector

Model	Name
R718WA	Wireless Water Leak Detector
R718WA2	Wireless 2-Gang Water Leak Detector
R718WB	Wireless Water Leak Detector with Rope Sensor
R718WB2	Wireless 2-Gang Water Leak Detector with Rope Sensor
R718WBA	Wireless Water Leak Detector

## Energy Monitoring

Monitor energy consumption for all kinds of equipment and places, such as production lines and shop floor.



**【R809A】**  
Wireless Power Plug



**【RP02RH3PNL】**  
Wireless 3P+N Miniature  
Circuit Breaker



## Smart Circuit Breaker

Model	Name
RP02RH1PN063	Wireless 1P+N Miniature Circuit Breaker with Power Meter – 63A
RP02RH1PNLB063	Wireless 1P+N Miniature Circuit Breaker with Power Meter and Leak Detection – 63A
RP02RH3PN063	Wireless 3P+N Miniature Circuit Breaker with Power Meter – 63A
RP02RH3PNLB063	Wireless 3P+N Miniature Circuit Breaker with Power Meter and Leak Detection – 63A
RP02RH2P100	Wireless 2P Miniature Circuit Breaker with Power Meter – 100A
RP02RH4P100	Wireless 4P Miniature Circuit Breaker with Power Meter – 100A
RP02RH3P250	Wireless 3P Miniature Circuit Breaker with Power Meter – 250A
RP02RH4P250	Wireless 4P Miniature Circuit Breaker with Power Meter – 250A



# Other Industrial Applications

**Air Quality Monitoring** : CO/NO/O3/H2S/NO2/SO2 Sensor

**Environmental Noise Monitoring** : Noise Sensor

**Water/ Wastewater Detection** : Water pH / Water Turbidity Sensor

**Agriculture Monitoring** : Soil Moisture / Temperature /  
Electrical Conductivity Sensor

**Liquid Level Monitoring** : Bottom-Mounted Ultrasonic Liquid  
Level Sensor/ Top-Mounted  
Ultrasonic Level Sensor

**DP Level Measurements** : Differential Pressure and  
Temperature Sensor

**Interface Converting** : 0-5V, 0-10V, 0-24V ADC, 4-20mA  
Current Meter Interface, RS485,  
RS232