

Easily, Setup your own Sensor Monitoring System

RN400 Series



Enterprise Grade Wireless Product

The most advanced wireless sensor RN400

NTC
Room
Temperature

T/C
High
Temperature

RTD
Cryogenic
Temperature

Door
Open-Closed

4-20mA
External
Sensor

PM0.5
Particle

NH3
Gas

H2S
Gas



RN400

WiFi Connected RN400 has simple HTTP protocol

Created by IT experts

- Enterprise WiFi Security
- Radionode365 Sensor Monitoring Cloud Supported
- Local Server Connection via HTTP

Enhanced durability and easy installation

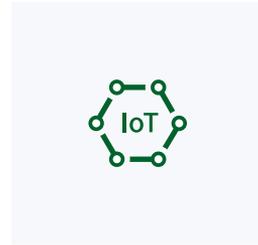
- OLED Display that does not freeze at low temperatures
- High rigidity with waterproof and dustproof design
- Supports both magnetic and screw mounting
- Membrane filter protects the humidity sensor from water



Clear OLED Display at low temperature



Waterproof & Dustproof design



IoT Protocol interworking design



RN400 Overview & Main Features



High Reliability

- Real-time data backup to micro SD card
- FeRAM is 10 times faster and has 1 billion times higher write endurance than Flash memory
- Data measured during internet loss time is stored on the device and automatically sent to the server upon restoration

Groundbreaking Power Management System

- 3.6V (1EA) or 1.5V (2EA) optional available
- Low battery warning notification
- 5~30V DC power supply
- Built-in UPS (automatically switched to battery in case of power failure)

Various sensor support

- Temp Sensor (NTC, T/C, PT100)
- Temp/RH Sensor (Internal, External)
- Gas Sensor (NH3, H2S)
- Particle Sensor (PM0.5, PM2.5, PM10)
- Door Magnet Sensor

Output Signals and Calibration

- RS-485 (T2GS, T2PM, T2TS, T2CS)
- Dry Contact On/Off Output (T2EX, H2EX)
- Micro USB terminals for calibration
(Dedicated software provided)

Why RN400?

- Open HTTP protocol
- Waterproof Protection
- Enterprise WiFi Security
- Built In UPS
- Power Outage Detection
- Data recovery during network failure
- OLED Display
- SD Card Data Backup
- OTA F/W Update
- Easy Mount with Magnet

Features of each model



Temp Sensor sockets
(NTC,T/C,PT100)

MODEL: RN400-H2PS/EX, RN400-T2PS/EX/TS



Gas sensor with sintered filter

MODEL: RN400 T2GS + RG10



PM0.5 fine dust inlet with laser scattering method

MODEL: RN400 T2PM



High precision Temp/RH Sensor

MODEL: RN400 T2PS + RG20

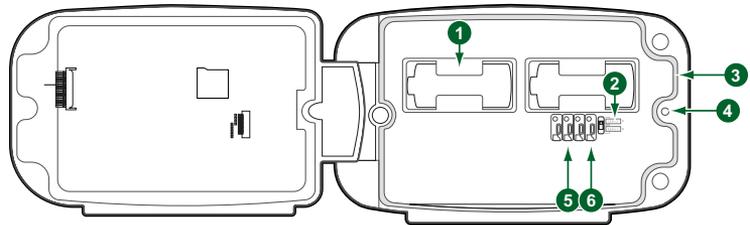
Temp/RH Sensor RN400-H2PS



Spec.



Model name	RN400-H2PS
Channel Info.	<ul style="list-style-type: none"> •CH1: Temp (Range: -20 ~ 60°C, MEMS) •CH2: RH (Range: 0 ~ 95%RH, MEMS)
Accuracy	<ul style="list-style-type: none"> •Temp.Accuracy : ± 0.3 °C (0 ~ 90 °C) ± 0.4 °C (-20 ~ 0°C) •R.H. Accuracy : ± 2.0 %RH (10 ~ 90%RH) •NTC Accuracy : ± 0.8°C (typical)
Operation Condition	<ul style="list-style-type: none"> •Temp. : -20°C ~ 60 °C •R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> •2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise •HTTP Get/Post (Radionode V2 protocol)
Battery / Lifespan	C Type 1.5V X 2EA OR C Type 3.6V X 1EA / a year with 1.5V X 2EA @ 10min sensing <ul style="list-style-type: none"> •sleep: 36uW •measuring: 84mW •wifi : 400mW
Power (Option) / UPS	DC 5~30V / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
Protection	IP65
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)



- ① Battery Holder
- ② Select Battery Type
A : 1.5V * 2EA
B : 3.6V * 1EA
- ③ Gasket
- ④ Open/Close Screw Hole
- ⑤ NTC Temperature Sensor Terminal
- ⑥ External DC Power Terminal (5~30V)
Batteries Should be inserted when connecting to DC power

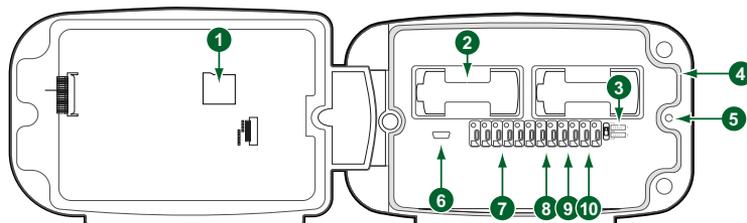
Temp/RH/Door Sensor RN400-H2EX



Spec.



Model name	RN400-H2EX
Channel Info.	<ul style="list-style-type: none"> •CH1: Temp (-20 ~ 60°C, MEMS) •CH2: RH (0 ~ 95%RH, MEMS) •CH3: Temp (PT100/TC-K/TC-T, EX-Temp Sensor) •CH4: Temp (PT100/TC-K/TC-T, EX-Temp Sensor) * External Temp. Sensor Measurement Range •PT100: -200°C ~ 300°C [-328 ~ 572°F] •TC- K: -30°C ~ 300°C [-22 ~ 572°F] •TC- T: -100°C ~ 50°C [-148~122°F]
Accuracy	<ul style="list-style-type: none"> •Temp. Accuracy: ± 0.3 °C (0~ 90°C) •RH Accuracy: ± 2.0 %RH (10~ 90%RH) •TC-K, PT100 Accuracy: ±0.5°C (typical)
Operation Condition	<ul style="list-style-type: none"> •Temp. : -20°C ~ 60°C [-4 ~140°F] •R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> •2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise •HTTP Get/Post (Radionode V2 protocol)
Battery / Lifespan	C Type 1.5V X 2EA OR 3.6V Li-SOCL2 X 1EA / 6 month with 1.5V X 2EA @ 10min sensing
Power (Option) / UPS	DC 5~30V / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
Protection	IP65
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)



- | | |
|---|---|
| <ul style="list-style-type: none"> 1 Micro SD Card slot 2 Battery Holder 3 Select Battery Type
A : 1.5V * 2EA
B : 3.6V * 1EA 4 Gasket 5 Open/Close Screw Hole | <ul style="list-style-type: none"> 6 USB for Calibration 7 External Temperature PT100 or TC-K 8 Door Contact 9 Dry Contact 10 External DC Power Terminal (5~30V)
Batteries Should be inserted when connecting to DC power |
|---|---|

Fast-Responsive Temp/RH Sensor RN400-T2PS

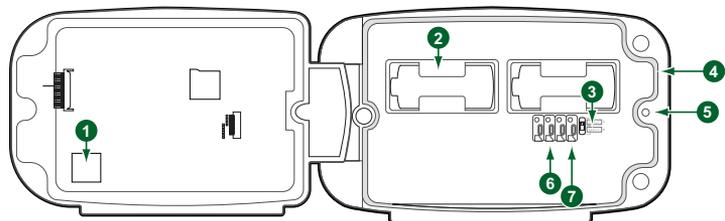


Acc. RG20 Temp-RH Sensor

Spec.



Model name	RN400-T2PS
Channel Info.	<ul style="list-style-type: none"> •CH1: Temp I/F (NTC EX-Temp Sensor) •CH2: Temp (RG20 EX-Temp Sensor) •CH3: RH (RG20 EX-Temp Sensor) * External Sensor Measurement Range / Accuracy <ul style="list-style-type: none"> •NTC: -40 ~ 60°C / ±0.8°C (typical) •RG20 Temp: -40~80°C / ± 0.1 °C •RG20 RH: 5~95%RH / ± 1.5 %RH
Operation Condition	<ul style="list-style-type: none"> •Temp. : -20°C ~ 60 °C (-4 ~140°F) •R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> •2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise •HTTP Get/Post (Radionode V2 protocol)
Battery / Lifespan	C Type 1.5V X 2EA OR 3.6V Li-SOCL2 X 1EA / 6 month with 1.5V X 2EA @ 10min sensing
Power (Option) / UPS	DC 5~30V / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
Protection	IP65
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)
Acc.	RG20 Temp-RH Sensor <ul style="list-style-type: none"> • Temp Measuring Range: -40~80°C • RH Measuring Range: 5~95% RH



- 1 USB Connector for Temp/RH probe sensor**
- 2 Battery Holder**
- 3 Select Battery Type**
A : 1.5V * 2EA
B : 3.6V * 1EA
- 4 Gasket**
- 5 Open/Close Screw Hole**
- 6 NTC Temperature Sensor Terminal**
- 7 External DC Power Terminal (5~30V)**
Batteries Should be inserted when connecting to DC power

Fast-Responsive Temp/RH/Door Sensor RN400-T2EX

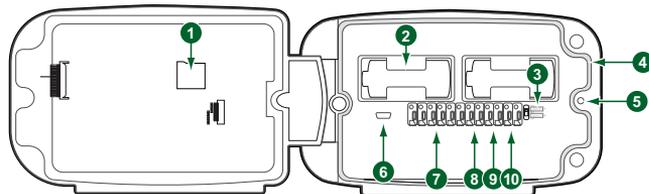


Acc. Zeroleak Temp. Sensor

Spec.



Model name	RN400-T2EX
Channel Info.	<ul style="list-style-type: none"> •CH1: Temp (EX-Temp Sensor) •CH2: Temp (EX-Temp Sensor) •CH3: Door Status (EX-Door Sensor) •CH4: Relay <p>* External Temp. Sensor Type and Measurement Range</p> <ul style="list-style-type: none"> •PT100: -200°C ~ 300°C •TC- K: -30°C ~ 300°C •TC- T: -100°C ~ 50°C •Zeroleak: -20 ~ 50°C
Accuracy	•TC-K, PT100 Accuracy: ±0.5°C (typical)
Operation Condition	<ul style="list-style-type: none"> •Temp. : -20°C ~ 60 °C (-4 ~140°F) •R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> •2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise •HTTP Get/Post (Radionode V2 protocol)
Battery / Lifespan	C Type 1.5V X 2EA OR 3.6V Li-SOCL2 X 1EA / 6 month with 1.5V X 2EA @ 10min sensing
Power (Option) / UPS	DC 5~30V / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
Protection	IP65
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)
Acc.	<p>Zeroleak Temp. Sensor</p> <ul style="list-style-type: none"> • Film Type USB Temperature sensor • Temperature Measurement Range : -20~50°C



- ① Micro SD Card slot
- ② Battery Holder
- ③ Select Battery Type
 - A : 1.5V * 2EA
 - B : 3.6V * 1EA
- ④ Gasket
- ⑤ Open/Close Screw Hole
- ⑥ USB for Calibration
- ⑦ External Temperature PT100 orTC-K
- ⑧ Door Contact
- ⑨ Dry Contact
- ⑩ External DC Power Terminal (5~30V)
 - Batteries Should be inserted when connecting to DC power

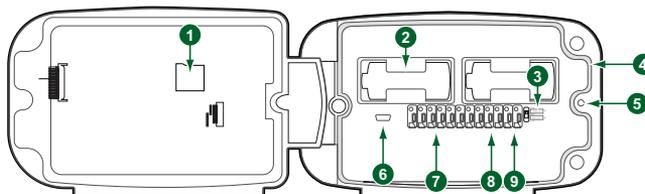
Thermocouple Temp. 4CH Sensor RN400-T2TS



Spec.



Model name	RN400-T2TS
Channel Info.	<ul style="list-style-type: none"> •CH1: Temp. (Thermocouple EX-Temp Sensor) •CH2: Temp. (Thermocouple EX-Temp Sensor) •CH3: Temp. (Thermocouple EX-Temp Sensor) •CH4: Temp. (Thermocouple EX-Temp Sensor) Each channel can set as a different type.
Thermocouple Temp. Measurement Range	K : -140 ~ 1372 °C (-220 ~ 2501°F) J : -110 ~ 1190 °C (-166 ~ 2174°F) T : -140 ~ 390 °C (-220 ~ 734°F) S : -20 ~ 1660 °C (-4 ~ 3020°F) E : -140 ~ 990 °C (-220 ~ 1814°F) B : 600 ~ 1790 °C (1112 ~ 3254°F) R : -20 ~ 1660 °C (-4 ~ 3020°F)
Accuracy	•Thermocouple Accuracy: ±0.5°C (typical)
Operation Condition	<ul style="list-style-type: none"> •Temp. : -20°C ~ 60 °C [-4 ~ 140°F] •R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> •2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise •HTTP Get/Post (Radionode V2 protocol) •RS485 MODBUS RTU(2W) RS485 need to use DC power adapter
Battery / Lifespan	C Type 1.5V X 2EA OR 3.6V Li-SOCL2 X 1EA / 6 month with 1.5V X 2EA @ 10min sensing
Power (Option) / UPS	DC 5~30V / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
Protection	IP65
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)



- ❶ Micro SD Card slot
- ❷ Battery Holder
- ❸ Select Battery Type
 - A : 1.5V * 2EA
 - B : 3.6V * 1EA
- ❹ Gasket
- ❺ Open/Close Screw Hole
- ❻ USB for Calibration
- ❼ T/C Input (4Channel)
- ❽ Terminal for RS485
- ❾ Terminal for DC power

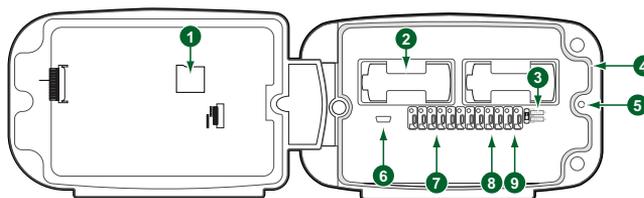
4-20mA/4-20mA 4CH Digital Converter RN400-T2CS



Spec.



Model name	RN400-T2CS
Channel Info.	<ul style="list-style-type: none"> •CH1 : 4-20mA / 0-20mA Analog In •CH2 : 4-20mA / 0-20mA Analog In •CH3 : 4-20mA / 0-20mA Analog In •CH4 : 4-20mA / 0-20mA Analog In Each channel can set as a different type.
External Sensor	Any Sensors that have 4-20mA / 0-20mA output.
Accuracy	± 0.08% F.S
Operation Condition	<ul style="list-style-type: none"> •Temp. : -20°C ~ 60°C (-4 ~140°F) •R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> •2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise •HTTP Get/Post (Radionode V2 protocol)
Battery / Lifespan	C Type 1.5V X 2EA OR 3.6V Li-SOCL2 X 1EA / 6 month with 1.5V X 2EA @ 10min sensing
Power (Option) / UPS	DC 5~30V / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
Protection	IP65
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)



- ① Micro SD Card slot
- ② Battery Holder
- ③ Select Battery Type
A : 1.5V * 2EA
B : 3.6V * 1EA
- ④ Gasket
- ⑤ Open/Close Screw Hole
- ⑥ USB for Calibration
- ⑦ 4~20mA input (4channel)
- ⑧ Terminal for RS485
- ⑨ Terminal for DC power

Multi-gas Sensor RN400-T2GS



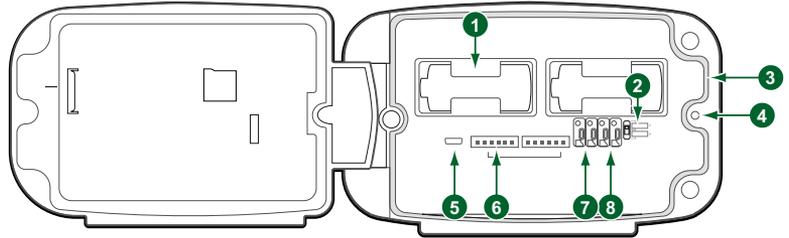
Acc. RG10 Gas Sensor (NH3 or H2S)

Spec.



Model name	RN400-T2GS
Channel Info.	RG10-NH3-100 <ul style="list-style-type: none"> • Measurement Range : 0 - 100 ppm • Temp Range : -10°C ~ 40°C (14 ~ 104°F) • RH Range : 15 % ~ 90% • Expected Life : two years in normal air • T90 Response Time : 40 Sec • Repeatability : 3% of signal • Resolution : 1 ppm • Long term drift : 5% per 6 months • Sensor Type: Electrochemical Gas Sensor • Filter : Sintering Metal Filter
	RG10-H2S-50 <ul style="list-style-type: none"> • Measurement Range : 0 - 50 ppm • Temp Range : -40°C ~ 50°C (-40 ~ 122°F) • RH Range: 15 % ~ 90% • Expected Life : two years in normal air • T90 Response Time : 25 Sec • Repeatability : 2% of signal • Resolution : 0.1 ppm • Long term Drift : 2% loss per month • Sensor Type: Electrochemical Gas Sensor • Filter : Sintering Metal Filter
Operation Condition	<ul style="list-style-type: none"> • Temp. : -20°C ~ 60 °C (-4 ~ 140°F) • R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> • 2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise • HTTP Get/Post (Radionode V2 protocol) • RS485 MODBUS RTU (2W) • RS485 need to use DC power adapter
Battery / Lifespan	C Type 1.5V X 2EA OR 3.6V Li-SOCL2 X 1EA / a year with 1.5V X 2EA @ 10min sensing
Power (Option) / UPS	DC 5~30V / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
Protection	IP65
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)
Acc.	RG10 Gas Sensor <ul style="list-style-type: none"> • NH3 Measuring Range: 0-100 ppm • H2S Measuring Range: 0-50 ppm

Multi-gas Sensor RN400-T2GS



❶ Battery Holder

❷ Select Battery Type

A : 1.5V * 2EA

B : 3.6V * 1EA

❸ Gasket

❹ Open/Close Screw Hole

❺ USB for Calibration

❻ Terminal for Gas Sensor (2Channel)

❼ Terminal for RS485(2W)

❽ Terminal for DC power

Particle Matter Sensor RN400-T2PM

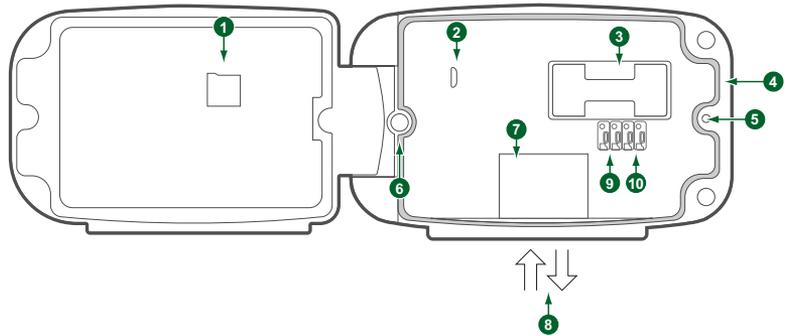


Spec.



Model name	RN400-T2PM
Channel Info.	Laser Scattered Method <ul style="list-style-type: none"> •CH1: PM 2.5 •CH2: PM10.0 •CH3: PM0.5 •CH4: PM1.0 •CH5: PM4.0 •CH6: Size um
External Sensor	Cumulative PM 0.5 : 0.3 μm ~ 0.5 μm PM 1.0 : 0.3 μm ~ 1.0 μm PM 2.5 : 0.3 μm ~ 2.5 μm PM 4.0 : 0.3 μm ~ 4.0 μm PM 10.0 : 0.3 μm ~ 10 μm
	Differential (Norm.) PM 0.5 : 0.3 μm ~ 0.5 μm PM 1.0 : 0.5 μm ~ 1.0 μm PM 2.5 : 1.0 μm ~ 2.5 μm PM 4.0 : 2.5 μm ~ 4.0 μm PM 10.0 : 4.0 μm ~ 10 μm
	Even if Mass Unit is selected, PM 0.5 is displayed as # / cm ³ .
Accuracy	<ul style="list-style-type: none"> • 0 to 100 μg/m³ ± 10 μg/m³ • 100 to 1,000 μg/m³ ± 10 %
Particle Size/Unit	0.5μm ~ 10.0 μm (PM 0.5 ~ PM 10.0) / μg/m ³ , #/cm ³ , (#:number)
Flow Rate	0.3L / min
Fan Working Time	<ul style="list-style-type: none"> •Battery mode : 15sec before measurement •DC power mode : Continuous working with Auto cleaning (24h)
Operation Condition	<ul style="list-style-type: none"> •Temp. : -10°C ~ 60°C (-4 ~140°F) •R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> •2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise •HTTP Get/Post (Radionode V2 protocol)
Battery / Lifespan	3.6V Li-SOCL2 X 1EA / 3 month (C Type 3.6V 1EA @10mins sensing)
Power (Option) / UPS	DC 5~30V / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
Protection	IP65
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)

Particle Matter Sensor RN400-T2PM



- ① Micro SD Card Slot
- ② USB for Configuration
- ③ C Type Battery (3.6V, 1EA)
- ④ Gasket
- ⑤ Open/Close Screw Hole
- ⑥ Hole for Wallmount
- ⑦ Particle Sensor (Laser Scattered Method)
- ⑧ Air Inlet/Outlet
- ⑨ Terminal for RS485(2W)
- ⑩ Terminal for DC Power

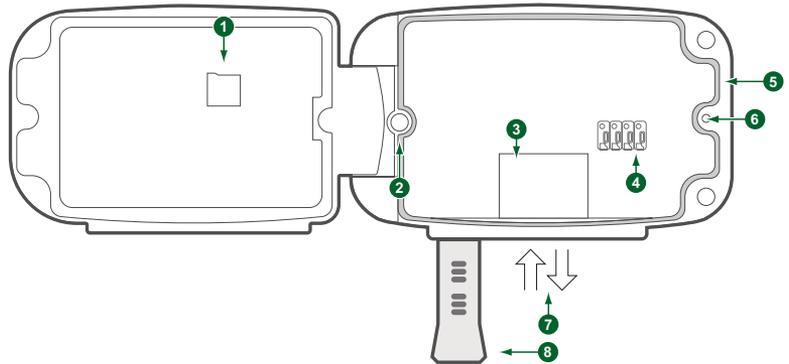
Integrated IAQ Monitoring Sensor RN400-T2PM-RG23



Spec.

Model name	RN400-T2PM-RG23
Channel Info.	<ul style="list-style-type: none"> •CH1 : PM2.5(ug/m3) •CH2: PM10(ug/m3) •CH3: TVOC (ug/m3) •CH4: CO2 (ppm) •CH5: Temp. •CH6: RH(%) •CH7: TVOC(ppb) •CH8: PM 0.5(#/cm3)
Particle Matter Sensor	<ul style="list-style-type: none"> • Particle Matter Size: 0.5µm ~ 10.0 µm (PM 0.5 ~ PM 10.0) • Flow Rate: 0.3L / min • Measurement Mode: Cumulative PM 0.5 : 0.3 µm ~ 0.5 µm PM 1.0 : 0.3 µm ~ 1.0 µm PM 2.5 : 0.3 µm ~ 2.5 µm PM 4.0 : 0.3 µm ~ 4.0 µm PM 10.0 : 0.3 µm ~ 10 µm • Accuracy: 0 to 100 µg/m³ ± 10 µg/m³, 100 to 1,000 µg/m³ ± 10 %³
Carbon-dioxide Sensor	<ul style="list-style-type: none"> •Sensor Type : Photo acoustic NDIR •CO2 Measurement Range (Accuracy) : 400~2000 ppm (±50 ppm)
tVOC Sensor	<ul style="list-style-type: none"> •Sensor Type : Metal Oxide MEMS •TVOC Measurement Range (Accuracy): 56~13800 ug/m3 (±15 %) (60~13,000 ppb)
Operating Condition	<ul style="list-style-type: none"> •Temp. : -10°C ~ 60°C (-4 ~140°F) •R.H. : 0 ~ 95 %RH (non-condensing)
Communication Method	<ul style="list-style-type: none"> •2.4GHz IEEE 802.11 b/g/n up to WPA2-Enterprise •HTTP Get/Post (Radionode V2 protocol)
Power	12 V DC Power Only (Max Power consumption : 72mA @12V DC)
Protection	Rubber Gasket Surrounded except air inlet & outlet
Size	H100 × W165 × D50 mm (with cable gland, total height is 115 mm)
Acc.	RG23 IAQ Sensor <ul style="list-style-type: none"> • Temp : -40~80°C • RH : 5~95%RH • CO2 : 0~2000ppm • tVOC : 0~1000ppm

Integrated IAQ Monitoring Sensor RN400-T2PM-RG23

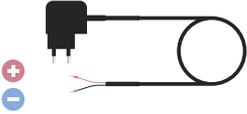


- ① Micro SD Card Slot
- ② Hole for Wallmount
- ③ Particle Sensor
(Laser Scattered Method)
- ④ Terminal for DC Power
- ⑤ Gasket
- ⑥ Open/Close Screw Hole
- ⑦ Air Inlet/Outlet
- ⑧ Temp/RH CO₂ and TVOC Sensor

RN400 Accessory

Acc. Name	Spec/Size	Related Models
 <p>NTC</p>	<ul style="list-style-type: none"> • Measuring Range : -20~50°C • Cable Length: 20cm, 15m 	RN400-H2PS
 <p>Thermocouple</p>	<ul style="list-style-type: none"> • K-type Measuring Range: -20~300°C • T-type Measuring Range: -100~200°C • Cable Length: 3m, 15m 	RN400-H2EX, RN400-T2EX, RN400-T2TS
 <p>PT100</p>	<ul style="list-style-type: none"> • Measuring Range: -200~200°C • Cable Length: 3m, 15m 	RN400-H2EX, RN400-T2EX
 <p>RG20 Temp/RH Sensor</p>	<ul style="list-style-type: none"> • Temp Measuring Range: -40~80°C • RH Measuring Range: 5~95% RH 	RN400-T2PS
 <p>RG23 Temp/RH Sensor</p>	<ul style="list-style-type: none"> • Temp : -40~80°C • RH : 5~95%RH • CO2 : 0~2000ppm • tVOC : 0~1000ppm 	RN400-T2PM-RG23
 <p>RG10 Gas Sensor</p>	<ul style="list-style-type: none"> • NH3 Measuring Range: 0-100 ppm • H2S Measuring Range: 0-50 ppm 	RN400-T2GS

RN400 Accessory

Model	Info	
 <p>Door Sensor</p>	<ul style="list-style-type: none"> • Sensor value at open : 99.0 • Sensor value at closed : 0.0 • Cable Length: 1m 	RN400-H2EX, RN400-T2EX
 <p>RG41 Zeroleak</p>	<ul style="list-style-type: none"> • Film Type USB Temperature sensor • Temperature Measurement Range : -20~50°C 	RN400-T2EX
 <p>Warning siren</p>	<ul style="list-style-type: none"> • 12V • LED, 85dbA 	RN400-H2EX, RN400-T2EX
 <p>Battery</p>	<ul style="list-style-type: none"> • C type battery 1.5V(2EA) • C type lithium battery 3.6V(1EA) 	All except RN400-T2PM-RG23 - Battery powered models include UPS (battery power in case of power outage) function
 <p>DC adapter</p>	<ul style="list-style-type: none"> • 12V 500mA • Cable Length: 3m 	All, - RN400-T2PM-RG23 supports only DC adapter power supply

System Integration via HTTP

Setup your own server software

Radionode's RN400 series transmits data via Wi-Fi using the HTTP protocol. There are two versions of the standard HTTP transmission method, and users can configure the RN400 to select either HTTP V2 or HTTP V2 Binary.

Additionally, customers must input their server IP address, port number, as well as the Check-in URL and Data-in URL. For example, they can specify a path like 192.123.1.5/checkin.php for the application file.

The web application associated with the URL must be developed by the customer. This application is a simple script that stores sensor data received via HTTP into the customer's database. Since each customer's environment is different, they must implement it themselves by referring to the documentation or sample code provided by Radionode.

Setup GUI of RN400



Overview

