RADIONODE®
The most innovated data logger

RADIONODE 4-20mA Datalogger via WiFi

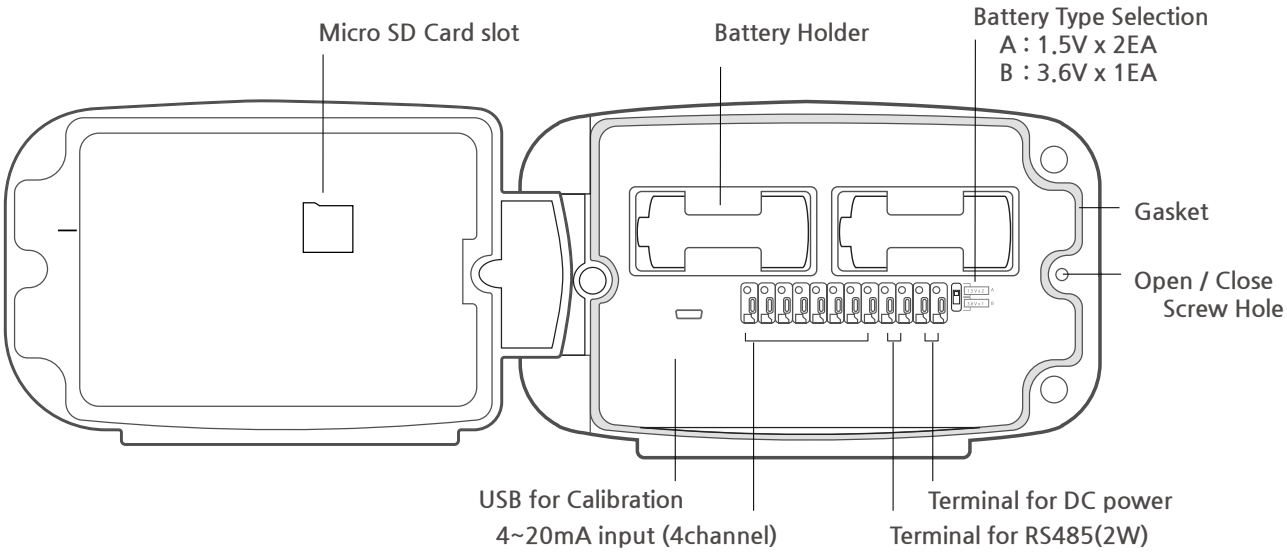
RN400-T2CS

- WiFi support b/g/n 2.4GHz
- 4 Channel 4~20mA Input
- Adjustable Scaler
- High Accuracy (± 0.08% F.S.)
- RS485 MODBUS RTU Output
- Cloud Storage / HTTP Output via Wifi
- C Type Battery / DC 5~30V
- OLED Display / micro SD / Backup FRAM

RN400-T2CS is designed to measure 4-20mA signal and transfer them to the destination via WiFi connection. The destination would be an information system such as public cloud, local server and even PC. For high level security, It supports up to WPA2-Enterprise protocol.

In addition to WiFi, RN400-T2CS can send the measured data to other traditional industrial devices such as PLC, industrial recorder and others through RS485 output. Generally 4-20mA signal could be sent from sensor transmitter like pressure, PH, gases, temperature and etc.

Premium RN400 T2 series have IP65 for protection, OLED screen for cold outdoor, F-RAM memory for 11 days instant backup and micro-SD card for CSV backup.



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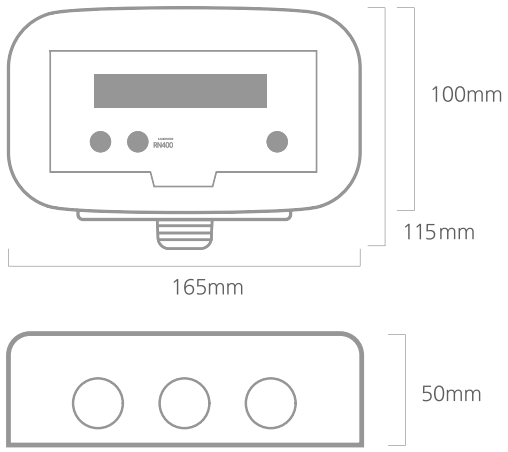
RN400-T2CS Specifications

Communication Method	• 2.4GHz IEEE 802.11 b/g/n up to WPA2 Enterprise • HTTP Get/Post • RS485 MODBUS RTU(2W) ※**RS485 need to use DC power adapter**
External Sensor I/F	• 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.**
Accuracy	± 0.08% F.S.
Resolution	0.01mA(0.05% R included)
External Sensor	Any Sensors that have 4-20mA output.
Operating Condition	-20 ~ 60 °C (-4 ~140°F) / 0 ~ 95 %RH (non-condensing)
-20 ~ 60 °C / 0 ~ 95 %RH (non-condensing)	OLED 20X2 CHAR (Yellow or White)
Sensing Interval	10sec, 1min, 5mins, 10mins, 20mins, 30mins ※**10 Second Mode is supported when customer server mode**
Sending Interval	10sec, 30sec, 60sec, 5mins,10mins, 20mins, 30mins, 40mins, 60mins ※**10 Second Mode is supported when customer server mode**
Internal Memory	32KByte F-RAM (Automatic Sample Backup available when no wifi) **1,550 Samples/CH**
External Memory	Option (16GB microSD, Permanent logging)
Battery / Lifespan	C Type 1.5V X 2EA OR 3.6V Li-SOCL2 X 1EA / a year with 1.5V X 2EA @ 10min sensing ※ **sleep: 36uW / measuring: 84mW / wifi : 400mW**
Protection	IP65
External Power / UPS	5~30V DC / YES (When DC Power Shutdown, the source is changed into the Battery immediately)
How To Setup	PC Setup Software via USB Cable
Wall Mount Types	Magnet & Screw Hole
Weight	352 g

Dimensions



Application

- Centralized Monitoring System
- Big Data Analysis System
- Remote Alert System

Product Components

- RN400-T2CS 4-20mA Signal Datalogger
- 2 Type Cable Glands (PG-9 1EA/ PG11 2EA)

Optional Accessories

Product	12V DC Power Adaptor
Model	AP-P1
Cable Length	3 M
Spec.	12V 500mA

Contact Information

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