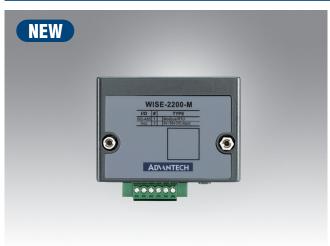
WISE-2200-M

LoRaWAN Single RS-485 I/O Module



Features

- LoRaWAN wireless technology with Less interference with high penetration rate capability
- Support Modbus/RTU communication protocol
- Support max. 128 address and 30 rule settings
- Compact design, suitable for plug and play applications
- Industrial design concept for different kinds of environment



Introduction

WISE-2200-M is a LoRaWAN Modbus read/write communication device powered by Advantech. WISE-2200-M supports maximum 128 address and 30 rule setting can easily connect to modbus sensors and meters for different kinds of applications.

Less interference with high penetration rate

LoRaWAN, created for machine-to-machine (M2M) and Internet of things (IoT) networks, is not a single technology, but a variety of low-power, wide area network technologies. Compare with traditional mobile network, LoRaWAN is known as lower cost with higher power efficiency. WISE-2200-M is the LoRaWAN which provides better connection compare with traditional wireless technology.

Common Specification

Wireless Communication

■ **Frequency Band** EU 863-870 (MHz) / RU 864-870 (MHz)

US 902-928 (MHz) / AU 915-928 (MHz) AS 919-924 (MHz) / TH 920-925 (MHz)

JP 920-928 (MHz)

Spreading Factor
 Transmit Power
 Topology
 Star (LoRa/LoRaWAN)

Sensitivity -148dB

Data Rate 50 kbps at FSK mode EU

21.9 kbps at SF7 mode US/TW 5.47 kbps at SF7 mode for JP

General

Channel
 1 (for RS-485 Modbus connection)

• LED Indicator 2

Power Input
 5-50V_{DC} from Terminal Block

Configuration Interface Micro-B USB
 Mounting DIN 35 rail, wall, pole

Dimension (W x H x D) 71 x 52 x 30 mm (without Antenna)

Certification
 NCC, FCC, CE

Environment

Operating Temperature -25-70 °C
 Operating Humidity 5-95% RH
 Storage Temperature -40-85 °C
 Storage Humidity 0-95% RH

General

RS-485 Data+, Data- (for query node data)

Messaging Protocol Modbus/RTU

Ordering Information

LoRaWAN Modbus Read/Write Communication Device

• WISE-2200-MNA LoRaWAN Modbus R/W Communication Device (NA915)

Firmware Image (Op	Firmware Image (Optional)		
96632200J00	WISE-2200-MJA Patch		
96632200K00	WISE-2200-MKA Patch		
96632200Z00	WISE-2200-MZA AU915 Patch		
96632200E00	WISE-2200-MEA EU868 Patch		
96632200T00	WISE-2200-MTA AS923 Patch		

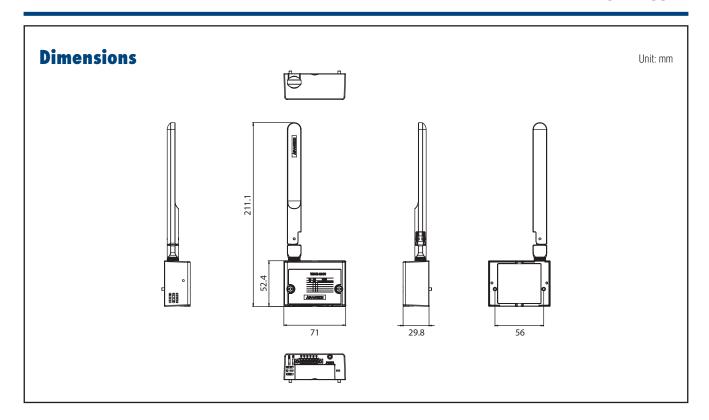
LoRaWAN Gateway

WISE-6610-N100-A
 WISE-6610-E100-A
 WISE-6610-A100-A
 LORAWAN Gateway NA915 Version
 LORAWAN Gateway EU868 Version
 LORAWAN Gateway AS923 Version

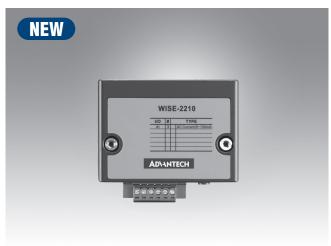
Accessories

1750008836-01*
 1750008837-01*
 863-870MHz Dipole Antenna for WISE-2200-M
 902-928MHz Dipole Antenna for WISE-2200-M

* needs to order antenna separately



Proprietary LPWAN (Sub-G) power over CT Wireless Module



Features

- Proprietary LPWAN (Sub-G) wireless technology with Less interference with high penetration rate capability
- Power over Al channel design, no extra power wired installation needed.
- High efficiency power charger design via CT (Current transformer, AC 0~100mA)
- Max. 3 Al channels for CT node
- Compact design, suitable for plug and play applications



Introduction

Power over CT with LPWAN technology are ideal for sustainable factory, building applications. Powered by maximum 3 CT (Current Transformer), no extra line cables or batteries are required for switching or for collecting power current information such as pumps, servers, machine tools or presence detection. The private LPWAN network saves resources by using fewer cables and eliminating the need for batteries.

Less interference with high penetration rate

LPWAN, created for machine-to-machine (M2M) and Internet of things (IoT) networks, is not a single technology, but a variety of low-power, wide area network technologies. Compare with traditional mobile network, LPWAN is known as lower cost with higher power efficiency. WISE-2210 is the proprietary LPWAN which provides better connection compare with traditional wireless technology.

Fast build-in your IoT applications

With Power over AI channel design, no wire power installation is needed. WISE-2210 is designing for fast build-in your IoT applications. As for the current transformer, we support power current range from 3–60A to 15–300A for different current measurement applications.

High efficiency power charger design

With Advantech's strong hardware and software design capacity, WISE-2210 allows to transmit the power current measurement data in seconds.

Common Specification

Wireless Communication

Frequency Band
 NA: 923MHz (920.80~924.40)

EU: 868MHz (865.20~868.80) JA: 923MHz (920.80~923.20)

■ **Transmit Power** Up to +12dBm

Data Rate 625bps / 2.5k bps / 5K bps / 50K bps

Topology Star

General

Channel
 Input Range
 O-100mA, Alternating current

• Resolution 11 bits • Accuracy ± 0.2 % of FSR • Drift 40ppm

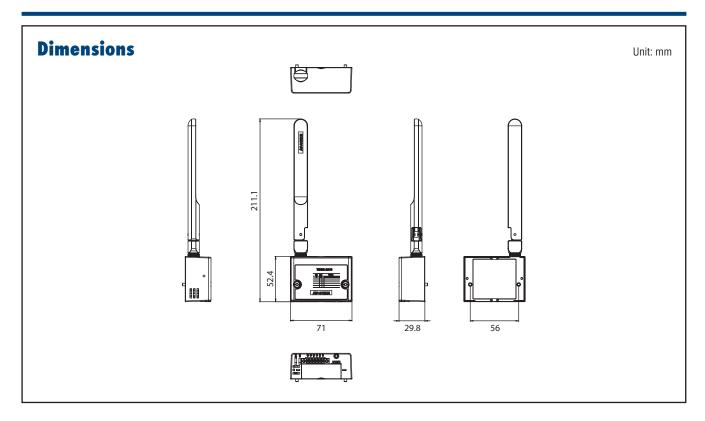
Power Input
 Power source is from Al Channel

Configuration Interface Micro-B USB
 Mounting DIN 35 rail, wall, pole

Dimension (W x H x D)
 71 x 52 x 30 mm (without Antenna)
 Certification
 CE (RED), FCC, TELEC, NCC

Environment

Operating Temperature -25-70 °C
 Operating Humidity 5-95% RH
 Storage Temperature -40-85 °C
 Storage Humidity 0-95% RH



WISE-4210-AP

Wireless Communication

• Frequency Band NA: 923MHz (920.80~924.40) EU: 868MHz (865.20~868.80)

JA: 923MHz (920.80~923.20)

■ Transmit Power Up to +14dBm

■ **Receiver Sensitivity** -115dBm using Long-Range Mode

-100dBm at 50kbps

Data Rate
 625bps / 2.5k bps / 5K bps / 50K bps

Topology StarNetwork Capacity 64 clients

General

Ethernet
 RS-485
 Messaging Protocol
 RJ-45 (for configuration and data query)
 Data+, Data- (for query node data)
 Modbus/TCP, Modbus/RTU, REST, MQTT

Application Protocol HTTP, HTTPS, SNTP, DHCP

Transport Protocol TCP, UDP

Supports RESTful Web API in JSON format

Supports Web Server in HTML5

WISE2210NA2001-T

WebAccess/SCADA Start Kit with WISE-2210, Proprietary LPWAN (Sub-G) power over CT Wireless Module. Package includes as follow.

■ 1 x WISE-2210

■ 1 x WISE-4210-AP

• 1 x WebAccess/SCADA 75 tags license key

■ 3 x 5~100A current transformer

2 x Antenna

2 x Mounting bracket

1 x Quick start manual

- 1 x 60w adapter

= 1 x 183cm power cord

• 1 x 70 cm Ethernet cable

• 1 x Screwdriver

Ordering Information

Wireless power over CT Module

WISE-2210-NA
 WISE2210JA2001-T
 LPWAN Wireless power over CT Module - EU/NA
 LPWAN Wireless power over CT Module - JA

Wireless Starter Kit

WISE2210NA2001-T WISE-2210-NA Starter Kit

Wireless Access Point

• WISE-4210-APNA LPWAN Wireless to Ethernet AP – EU/NA

Accessories

• **1750008837-01** 902-928MHz Dipole Antenna for WISE-4210/

WISE-2210/WISE-2211

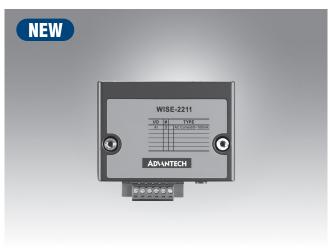
• **1750008836-01** 863-870MHz Dipole Antenna for WISE-4210/

WISE-2210/WISE-2211

Current Transformer(CT)

P/N	Power Current Range (Primary	Hole sizing (Primary)	Accuracy	Operating Temperature
96PD-CT241-60A	3~60A	10.0+/-0.2mm	Class 0.5	-20~65°C
96PD-CT248-100A	5~100A	15.7+/-0.3mm	Class 0.5	-40~65°C
96PD-CT24F-200A	10~200A	20.5+/-0.3mm	Class 0.5	-40~85°C
96PD-CT24C-300A	15~300A	35.7+/-0.3mm	Class 0.5	-40~85°C

Proprietary LPWAN (Sub-G) Wireless power over Analog Input Module



Features

- Proprietary LPWAN (Sub-G) wireless technology with Less interference with high penetration rate capability
- Power over Al channel design, no extra power wired installation needed.
- High efficiency power charger design via DC input from sensors (DC, 4~20mA)
- Compact design, suitable for plug and play applications



Introduction

Power over analog input channel design with LPWAN technology are ideal for sustainable factory, building applications. Powered by maximum 3 DC output sensors, no cables or batteries are required for switching or for collecting sensor information such as temperature and pressure. The private LPWAN network saves resources by using fewer cables and eliminating the need for batteries.

Less interference with high penetration rate

LPWAN, created for machine-to-machine (M2M) and Internet of things (IoT) networks, is not a single technology, but a variety of low-power, wide area network technologies. Compare with traditional mobile network, LPWAN is known as lower cost with higher power efficiency. WISE-2211 is the proprietary LPWAN which provides better connection compare with traditional wireless technology.

Fast build-in your IoT applications

With power over AI channel design, no wire power installation is needed. WISE-2211 is designing for fast build-in your IoT applications. WISE-2211 can fast connect your sensors, which has DC output, without installation another power source.

High efficiency power charger design

With Advantech's strong hardware and software design capacity, WISE-2211 allows to transmit the power current measurement data in seconds.

Common Specification

Wireless Communication

• Frequency Band NA: 923MHz (920.80~924.40)

EU: 868MHz (865.20~868.80) JA: 923MHz (920.80~923.20)

■ **Transmit Power** Up to +12dBm

Data Rate
 625bps / 2.5k bps / 5K bps / 50K bps

Topology Star

General

Channel
 Input Range
 3 (for sensor, 4-20mA, DC)
 4~20mA. Direct current

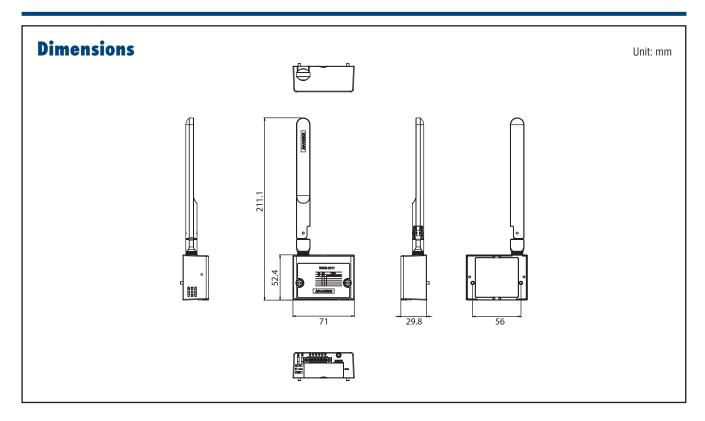
Power Input
 Power source is from Al Channel

Configuration Interface Micro-B USB
 Mounting DIN 35 rail, wall, pole

Dimension (W x H x D)
 71 x 52 x 30 mm (without Antenna)
 Certification
 CE (RED), FCC, TELEC, NCC

Environment

Operating Temperature -25-70 °C
 Operating Humidity 5-95% RH
 Storage Temperature -40-85 °C
 Storage Humidity 0-95% RH



WISE-4210-AP

Wireless Communication

• Frequency Band NA: 923MHz (920.80~924.40) EU: 868MHz (865.20~868.80)

JA: 923MHz (920.80~923.20)

■ Transmit Power Up to +14dBm

• Receiver Sensitivity -115dBm using Long-Range Mode

-100dBm at 50kbps

Data Rate 625bps / 2.5k bps / 5K bps / 50K bps

Topology StarNetwork Capacity 64 clients

General

Ethernet
 RS-485
 Messaging Protocol
 RJ-45 (for configuration and data query)
 Data+, Data- (for query node data)
 Modbus/TCP, Modbus/RTU, REST, MQTT

Application Protocol HTTP, HTTPS, SNTP, DHCP

Transport Protocol TCP, UDP

- Supports RESTful Web API in JSON format

Supports Web Server in HTML5

Ordering Information

Wireless power over Al module

• WISE-2211-NA LPWAN Wireless power over Analog Input Module - EU/NA

Wireless Access Point

■ WISE-4210-APNA LPWAN Wireless to Ethernet AP – EU/NA

Accessories

• **1750008837-01** 902-928MHz Dipole Antenna for WISE-4210/

WISE-2210/WISE-2211

• **1750008836-01** 863-870MHz Dipole Antenna for WISE-4210/

WISE-2210/WISE-2211

LoRaWAN Wireless Condition Monitoring Sensor



Features

- LoRaWAN wireless connectivity
- Built-in 3-axis accelerometer and temperature sensor
- On-board computing. Directly sends VRMS, ARMS, Peak, Displacement, Kurtosis, Crest factor, Skewness and Standard Deviation values to applications
- Support battery power supply, no wiring installation needed
- Easy settings with user friendly interfaces on WISE Studio utility
- ISO 10816-3 compliant
- Support wide temperature -20 ~ 80 °C (Battery-powered)
- IP66 enclosure design



WISE-2410 is a LoRaWAN wireless condition monitoring sensor integrated with an ARM Cortex-M4 processor, LoRa transceiver, 3-axis accelerometer and temperature sensor. It balances the wireless bandwidth between WISE-2410 and the gateway, so it also mitigates the data transmission fail rates between edge-devices and gateways.

Star Topology

WISE-2410 is a LoRaWAN uses a star network topology and features a gateway data relay function between sensors and the application server. The communication between the sensors and gateway goes over the wireless channel, utilizing the LoRa physical layer, whilst the connection between the gateways and the central server are handled over a backbone IP-based network or over Modbus protocol to the application server.

Computing on Board

With an ARM Cortex-M4 Processor, WISE-2410 enables users to implement more features inside. WISE-2410 is able to calculate more complex eigenvalues itself, such as VRMS, ARMS, Peak, Displacement, Kurtosis, Crest factor, Skewness and Standard Deviation values. With its edge computing capability, WISE-2410 can balance the loading between WISE-2410, gateway, and cloud service.

Plug & Play with 2-year Battery life cyle

WISE-2410 includes two 3.6V AA battery holders. Along with LPWAN technology verified by Advantech, the battery life on WISE-2410 can be up to 2 years with once per hour data update interval time. With IP66 protection design, WISE-2410 is ideal for Low-Power Wide-Area Network (LPWAN) applications, such as pumps, HAVC system, motors, facility monitoring and more. WISE-2410 connects to Advantech's WISE Studio Utility for more user friendly and efficient installation.

Common Specification

Wireless Communication

Frequency Band
 EU 863-870 (MHz) / RU 864-870 (MHz)
 US 902-928 (MHz) / AU 915-928 (MHz)

AS 919-924 (MHz) / TH 920-925 (MHz)

JP 920-928 (MHz)

Spreading Factor
 Transmit Power
 Topology
 Topology
 Topology
 Topology

Sensitivity -148dB

Data Rate
 50 kbps at FSK mode EU
 21.9 kbps at SF7 mode US/TW

5.47 kbps at SF7 mode os/TV

General

• **Power Input** 3.6V AA Battery *2pcs (Not included)

Battery Life 2 years (once per hour data update interval time)

LED Indicator
 Configuration Interface
 IP Class
 IP66

Mounting
 Stud mount, Mounting pad and Adhesives

Dimension (H x D) 84.7 x 48.3 mm

• Certification CE (RED), FCC, NCC, TELEC, VCCI, BSMI, RCM,

ANATEL

Environment

■ **Operating Temperature** -20°C ~ 80°C (Battery powered)

Operating Humidity 10% ~ 95% RH
 Storage Temperature -25°C ~ 90°C
 Storage Humidity 5% ~ 95% RH

3-Axis Accelerometer Sensor

Axis X-Y-Z
 Frequency Range 10~1000Hz
 Amplitude Range ±16q

• Statistical Time-Domain Velocity RMS, Acceleration (RMS & peak),

Displacement, Kurtosis, Crest factor, Skewness,

Standard deviation

Output Data Rate 6600Hz
 Resolution 10 bit (all g range)
 Accuracy (FC =100Hz) Under 5%
 Noise (MAX. TA = 25°C. Og) ±40mg
 Nonlinearity ±0.5 %

Cross-Axis Sensitivity ±1 %
 Sensitivity Change Due ±0.02 %/°C

to Temperature

Temperature Sensor

Measurement Range -20°C ~ 120°C
 Accuracy -2°C with 85°C
 (TA = 27°C. Directly contact -5°C with 120°C

with heat source

(Metal Base of WISE-2410)

Ordering Information

Smart Condition Monitoring Sensor

• WISE-2410-NB Wireless Smart Condition Monitoring Sensor - US 902-928 (MHz)

Firmware Image (Optional)	
9662410AJ00	WISE-2410-JA Patch
9662410AT00	WISE-2410-TA AS923 Patch
9662410AK00	WISE-2410-KA Patch
9662410AZ00	WISE-2410-ZA AU915 Patch

• WISE-2410-EB Wireless Smart Condition Monitoring Sensor -

EU 863-870 (MHz)

Firmware Image (Op	tional)
96632410R00	WISE-2410-RA Patch

LoRaWAN Gateway

• WISE-6610-N100-A LoRaWAN gateway supports up to 100 nodes with

915 MHz

• WISE-6610-E100-A LoRaWAN gateway supports up to 100 nodes with

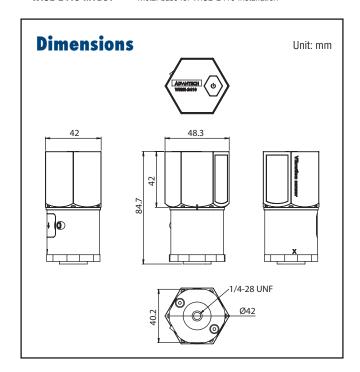
868 MHz

• WISE-6610-A100-A LoRaWAN gateway supports up to 100 nodes with 923

MHz

Accessories

1760002647-01 Bat. Cylindrical 3.6V/2500mAh AA Li/SOCI2
 25F7000004N000 Magnet base D30XH9mm for WISE-2410 installation
 WISE-2410-MTB01 Metal base for WISE-2410 installation



WISE-2410X

Explosion Proof LoRaWAN Wireless Condition Monitoring Sensor



Features

- LoRaWAN wireless connectivity
- Built-in 3-axis accelerometer and temperature sensor
- On-board computing. Directly sends VRMS, ARMS, Peak, Displacement, Kurtosis, Crest factor, Skewness and Standard Deviation values to applications
- Support battery power and remote configuration settings, no wiring installation needed
- Easy settings with user friendly interfaces on WISE Studio utility
- ISO 10816-3 compliant
- Support wide temperature 0 ~ 70 °C
- IP65 enclosure design
- IECEx Zone 2, Zone 21, ATEX2 compliant



Introduction

WISE-2410X is an Explosion Proof LoRaWAN wireless condition monitoring sensor integrated with an ARM Cortex-M4 processor, LoRa transceiver, 3-axis accelerometer and temperature sensor. It balances the wireless bandwidth between WISE-2410X and the gateway, so it also mitigates the data transmission fail rates between edge-devices and gateways.

Star Topology

WISE-2410X is a LoRaWAN uses a star network topology and features a gateway data relay function between sensors and the application server. The communication between the sensors and gateway goes over the wireless channel, utilizing the LoRa physical layer, whilst the connection between the gateways and the central server are handled over a backbone IP-based network or over Modbus protocol to the application server.

Computing on Board

With an ARM Cortex-M4 Processor, WISE-2410X enables users to implement more features inside. WISE-2410X is able to calculate more complex eigenvalues itself, such as VRMS, ARMS, Peak, Displacement, Kurtosis, Crest factor, Skewness and Standard Deviation values. With its edge computing capability, WISE-2410X can balance the loading between WISE-2410X, gateway, and cloud service.

Plug & Play with 2-year Battery life cyle

WISE-2410X includes a 3.6V AA battery holders. Along with LPWAN technology verified by Advantech, the battery life on WISE-2410X can be up to 2 years with once per hour data update interval time(with 2 batteries condition only). With IP65 protection design, WISE-2410X is ideal for Low-Power Wide-Area Network (LPWAN) applications, such as pumps, HAVC system, motors, facility monitoring and more. WISE-2410X connects to Advantech's WISE Studio Utility for more user friendly and efficient installation.

Common Specification

Wireless Communication

• Frequency Band EU 863-870 (MHz) / RU 864-870 (MHz)

US 902-928 (MHz) / AU 915-928 (MHz) AS 919-924 (MHz) / TH 920-925 (MHz)

JP 920-928 (MHz)

Spreading Factor
 Transmit Power
 Topology
 Topology
 Topology
 Topology

Sensitivity -148dB

Data Rate
 50 kbps at FSK mode EU

21.9 kbps at SF7 mode US/TW/AS/AU 5.47 kbps at SF7 mode for JP

General

Power Input
 3.6V AA Battery (Not included)

(Battery use only Vitzrocell Co., Ltd. SB-AA11,

Li - SOCI2, 3.6V, 2.5 Ah)

Battery Life
 1 years (Zone21 Condition with 1 battery, once

per 30mins data update interval time) 2 years (Zone2 Condition with 2 batteries, once per 30mins data update interval time)

Power, Tx

LED Indicator Power, Tx
 Configuration Interface Micro-B USB
 IP Class IP65

Mounting
 Stud mount, Mounting pad and Adhesives

Dimension (H x D) 84.7 x 63.5 mm

• Certification CE (RED), FCC, NCC, TELEC, VCCI, BSMI,

IECEx Zone2, Zone21 (IECEx UL 21.0053X)

Environment

■ **Operating Temperature** 0°C ~ 70°C (Battery powered)

Operating Humidity
 Storage Temperature
 Storage Humidity
 5% ~ 95% RH

3-Axis Accelerometer Sensor

Axis X-Y-Z
 Frequency Range 10~1000Hz
 Amplitude Range ±16g

• Statistical Time-Domain Velocity RMS, Acceleration (RMS & peak),

Displacement, Kurtosis, Crest factor, Skewness,

Standard deviation

• Output Data Rate 6.6kHz

Resolution 10 bit (all g range)
 Accuracy (FC =100Hz) Under 5%
 Noise (MAX. TA = 25°C. 0g) ±40mg
 Nonlinearity ±0.5 %
 Cross-Axis Sensitivity ±1 %
 Sensitivity Change Due ±0.02 %/°C

Temperature Sensor

Measurement Range (TA = 25°C)

to Temperature

-1°C with 70°C

0°C ~ 70°C

Accuracy (TA = 27°C, Directly contact with heat source (Metal Base of WISE-2410)

Ordering Information

Smart Condition Monitoring Sensor

• WISE-2410X-E21NA Explosion Proof LoRaWAN Smart Vibration Sensor (IECEx Zeon21 For NA915 Band)

	,
Firmware Image (Optional)	
9662410AJ00	WISE-2410-JA Patch
9662410AT00	WISE-2410-TA AS923 Patch
9662410AK00	WISE-2410-KA Patch
9662410AZ00	WISE-2410-ZA AU915 Patch

• WISE-2410X-A02EA Explosion Proof LoRaWAN Smart Vibration Sensor (ATEX2 for EU868 Band)

Firmware Image (Optional)	
96632410R00	WISE-2410-RA Patch

LoRaWAN Gateway

• WISE-6610-N100-A LoRaWAN gateway supports up to 100 nodes with

915 MHz

• WISE-6610-E100-A LoRaWAN gateway supports up to 100 nodes with

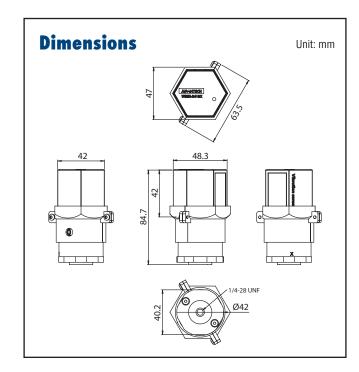
868 MHz

WISE-6610-A100-A
 LoRaWAN gateway supports up to 100 nodes with 923

MHz

Accessories

1760002647-01 Bat. Cylindrical 3.6V/2500mAh AA Li/SOCI2
 25F7000004N000 Magnet base D30XH9mm for WISE-2410X installation
 WISE-2410-MTB01 Metal base for WISE-2410X installation



Intelligent RFID Gateway



Features

- 4 port UHF RFID Antenna, 4-ch DI and 4-ch DO
- Graphic program tool by Node-RED for data read/write, filtering and transfer
- Support Ethernet and Wi-Fi data communication
- Linux operation system and provide web dashboard for RFID setting
- Data log function and cloud connectivity
- Flexible mounting methods suitable for different environment

Specification

RFID Communication

RFID Standard
 Frequency Band
 EPC Global Class 1 Gen. 2 (ISO18000-6C)
 US: 902.75MHz-927.25MHz

EU: 865.7MHz~867.5MHz CN: 920.625MHz~924.375MHz JP: 916.8MHz~920.4MHz

■ **RFID Power Output** Available to adjust from +10 ~ +31.5dBm

Max Receive Sensitivity -82dBm
Antenna Number 4 port antennas
Antenna Connector 4 RP-TNC

System Hardware

Certification
 Power
 CE, FCC, NCC
 10~30V_{DC}

Power consumption:3W (TYP.), 15W (Max.)

Dimension
 CPU
 ARM Cotex-A8, 300MHz
 ARM Cortex-M0 32-Bit 32MHz
 Storage
 NAND Flash 512MB for system

• Memory DDR3L 512MB

LED Indicator
 Status, Serial (Tx, Rx), Wi-Fi communication, RFID

Channel on/off, Wi-Fi Signal Strength

• SD Slot 1 x Micro SD card

USB Port 1 x USB2.0 High Speed (Up to 480Mbps)

Mounting
Watch Dog Timer
Real Time Clock
DIN 35 rail, Wall, and Pole
System & Power Monitor
Time Accuracy to Second

Communication

Ethernet 1 x 10/100 Based-T RJ-45
 Serial Port 1 x RS-485: 50 ~ 115.2 kbps
 Digital Input 4 Dry/Wet Contact
 Digital Output 4 Sink Type

Isolation 3KV rms

Wireless (Optional) Interface: 1x Mini-PCle (Full-size)

Type: WiFi

Software

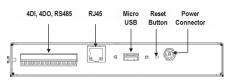
OS Support
 Configuration Tool
 Programming
 RT-Linux 3.12
 WISE Studio
 Node-RED, Linux OS

Environment

Operating Temperature -25~ 50°C
 Operating Humidity 20~95% RH
 Storage Temperature -40~ 85°C
 Storage Humidity 0~95% RH

TOP I/O View RFID Antenna Connector

Bottom I/O View





Ordering Information

• WISE-2834-CA Intelligent RFID gateway: CN, JP, US

Optional Accessories

WiFi Package

96PD-RYUW131
 1750008648-01
 1750006043
 Wi-Fi Half-size mini card, supports 802.11bgn
 Dipole Ant. 2.4G SMA/M-R RG174 GRY
 Cable R/P SMA (F) to MHF 1.32 150mm

RFID Antenna

 96PD-YAP101CP
 RFID UHF Antenna, 902~928MHz, Polarization(Right Hand, Circular)

96PD-CFD-240-3M
 RFID Antenna cable, 3 meter, N-type plug, R/P TNC

96PD-CFD-240-6M RFID Antenna cable, 6 meter, N-type plug, R/P TNC

 nlug

Power

 96PSA-A60W12W7-3 ADP A/D 100-240V 60W 12V C14 LOCKABLE DC PLUG

1702002600 Power Cable US Plug 1.8M
 1700000596-11 Power Cable China Plug 1.8M
 1702002605 Power Cable EU Plug 1.8M
 1702031802 Power Cable UK Plug 1.8M