

Catalogue







V3.3



Milesight

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LoRaWAN[®] Product Brochure Product Catalogue

5G&Router Catalogue





About Milesight IoT

Milesight offers multi-potential sensing products to capture the most meaningful data and makes it accessible across diverse applications. It innovatively applies emerging technologies such as Al, 5G, and IoT to distinct use scenarios. With a commitment to making sensing matter, Milesight quickly responds to customer-specific challenges and collaborates with an expanding network of partners to deliver unique data value. It is determined to make real, positive impacts in smart buildings, intelligent traffic, intelligent security, smart cities, and beyond.

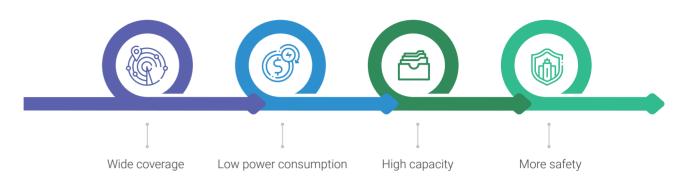
Milesight Milestone

Why Milesight

Why LoRaWAN®

LoRaWAN® is a long range, wide area, and low-power networking protocol.





Why Milesight D2D





Milesight D2D is a device to device communications protocol which enables LoRaWAN® based devices to communicate directly with one another when they are in the same group.

* Independently Developed by Milesight

- Low latency (less than 1 second in the same room)
- Low power for battery operation of both sides
- Long range and as secure as LoRaWAN®
- No useless beaconing and difficult synchronization
- Initial feature which coexists with LoRaWAN[®]
- No additional hardware and LoRaWAN® gateways are needed

Why 5G



What Is 5G?

5G's ultra high-speed, which is around 100 times faster than 4G, is designed to connect virtually everyone and everything together including machines, objects and devices.

How Can Milesight Empower Business and Industry?

According to the GSMA, 5G accounted for 8 percent of global mobile connections in 2021, with the share considerably lower in most parts of the world. People remain less convinced 5G will change how they connect to the internet and less likely to pay more for 5G connections. Against that backdrop, Milesight is committed to develop the most universal, pragmatic, and innovative products & solutions to those industries who need 4G to 5G migration solution, as well as boost the 5G adoption.

Accelerate the Fusion of 5G and AI to Help Industries Development

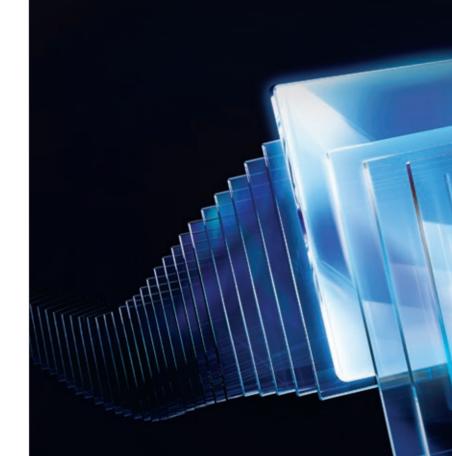
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- Replace Expensive Wired Cable with Reliable 5G Connections
- Lower Latency Enables Business Improvements





WHY Milesight? Because We Make Sensing Matter



Capturing Meaningful **Data Matters**

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We provide multi-potential sensing products, focusing on the data that adds value, reflects patterns, and assists decision-making.

Responding to Customer **Demands Matters**

We adapt to evolving customer needs, creating products that are relevant to them and making a significant impact across varied applications, projects, and industries.





Thriving Together with **Partners Matters**

Alongside our expanding partner ecosystem, we develop comprehensive solutions, deliver value offerings, and accelerate results for customers.

How Milesight Can Help in Maximizing **Energy Efficiency in Green Buildings**

Smart Water Management

All types of utilities need to take a leading role in deploying smart technologies to minimize waste. Real-time detection of water leaks can be helpful for critical assets or spaces, such as data centers. Retrofitting traditional metering with sensors and cameras can help achieve a more advanced level of management.

Occupancy Monitoring

With real-time people counting data, the overall space capacity and usage patterns will be clearer to allocate resources, avoid unnecessary energy waste and optimize space utilization.

Indoor Air Quality Monitoring

By monitoring indoor air quality (IAQ), such as temperature, relative humidity, CO₂, PM2.5 & PM10, TVOC and more, real-time and remote management is actionable. This is suitable for bench-marking and developing ventilation, filtration, and other indoor air quality management strategies.

Energy Efficiency Solution

From smart utility solutions to electric vehicle charging station solutions, from smart workplaces to smart buildings, Milesight is demonstrating a clearer, more robust solution to maximize energy efficiency.

People Counting

By getting accurate and real-time people flow statistics, it greatly contributes to better space utilization, improved energy saving, and more value-added business running.

Power Consumption

Smart lighting systems and smart switch system can be used to control electrical and electronic devices, such as switches and outlets. These devices can be turned on or off remotely through a mobile app, allowing occupants to control their environment more easily.

Smart Restroom Solution

With Milesight Smart Restroom Solution which seamlessly integrates advanced environmental sensors and IoT technologies, the restroom can be upgraded to be smart enough to break the limitations of traditional restrooms.

How Milesight Can Help in Smart City and Smart Agriculture

Temperature and Humidity Monitoring

Widespread but essential, the temperature and humidity sensor serves applications across industries. In the food industry, it is critical to ensure that food is stored at the proper temperature to prevent spoilage. As industries increasingly welcome temperature and humidity monitoring to improve efficiency and lower costs, the importance of temperature and humidity sensors becomes clear.

Trash Bin Management

Traditionally, the waste bins are cleared one by one in a fixed route, which is cumbersome. Now Milesight Smart Bin Solution offers a real-time indicator of the garbage level in waste bin at any given time. The data will help optimize waste collection routes and ultimately reduce fuel consumption.

Distance and Level Monitoring

Accurate measurement of distance and level can help optimize production, eliminate waste, and ensure safety. Choosing the right distance/level measurement sensor is essential to achieve reliable and precise measurements.

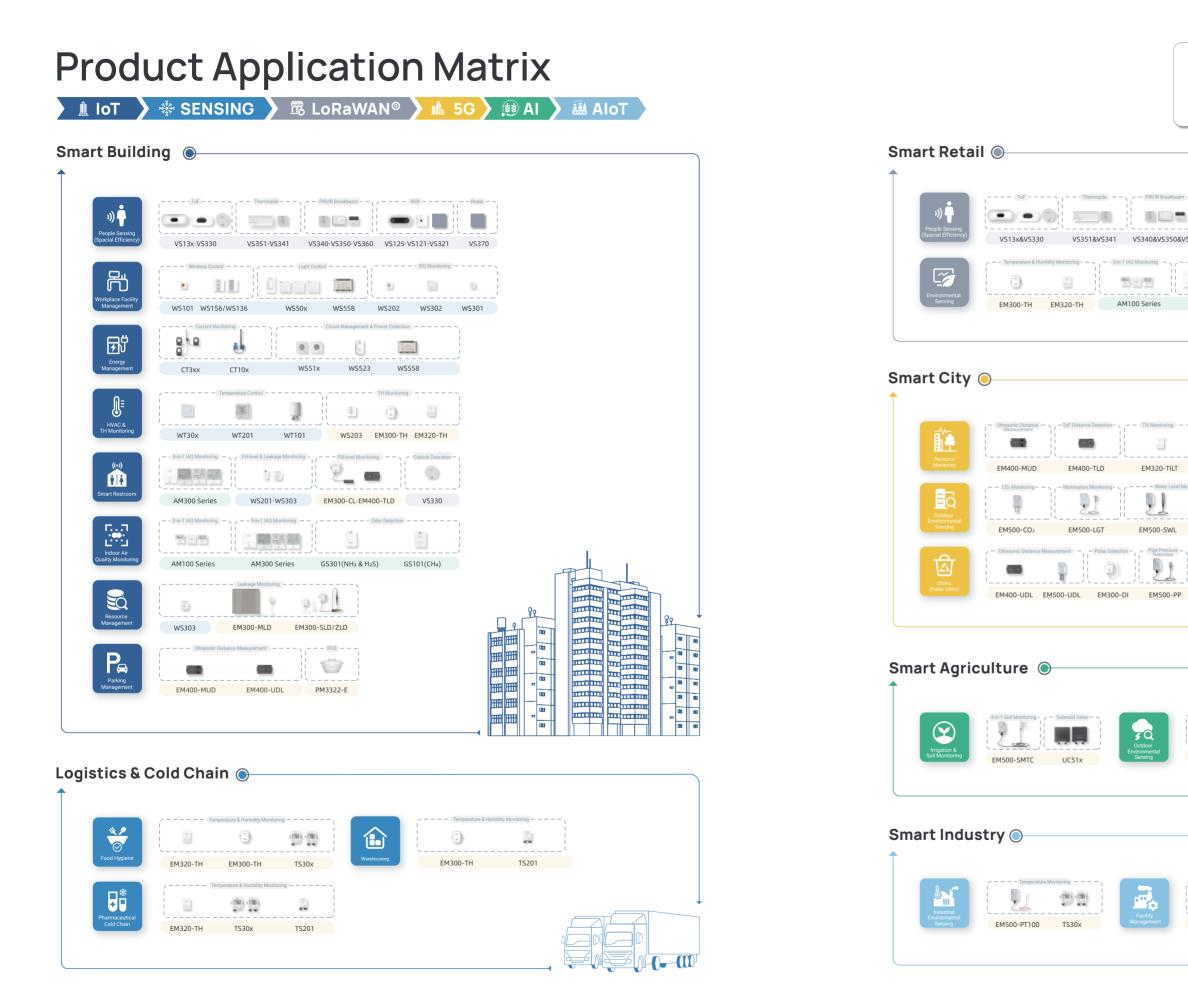
Smart Agriculture

Smart agriculture solution brings innovative sensing technology to farming from smart irrigation, greenhouse automation, weather monitoring, animal tracking, etc. It makes agriculture more productive and more consistent, and enables farmers to use time and resources more efficiently.

Smart Parking Management

Sensors play a crucial role in indoor parking management. They can capture real-time parking occupancy information. With real-time data, it streamlines driving experience, ensuring that drivers are guided to a best parking available and saving time, energy and money.

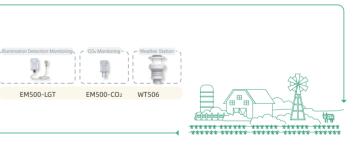














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► LoRaWAN[®] Gateway

• Mini LoRaWAN[®] Gateway UG63

• Industrial LoRaWAN[®] Gateway UG56

• Outdoor LoRaWAN[®] Gateway UG67

Wi-Fi HaLow Gateway

Wi-Fi HaLow Gateway HL31

Enable All-Round Connectivity

Semi-Industrial LoRaWAN[®] Gateway UG65

• Ultra Low Power Solar LoRaWAN[®] Gateway SG50

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LoRaWAN[®] Smart Thermostat and Radiator

Smart Heating & Cooling Controls with Milesight WT Series

- Smart Radiator Thermostat WT101
- Smart Thermostat WT201
- Smart Fan Coil Thermostat WT301/WT302



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Occupancy & People Counting Sensor

Smart People Counting That Matters in Buildings & Retails

- Al Workplace Occupancy Sensor VS121
- AI ToF People Counting Sensor VS133
- Cubicle Occupancy Sensor VS330
- Desk & Seat Occupancy Sensor VS340/VS341
- Passage People Counter VS350
- Ultra ToF People Counter VS135
- Al Stereo Vision People Counter VS125
- Mini Al Thermopile People Counter VS351
- IR Breakbeam People Counter VS360



Indoor Air Quality (IAQ) Sensor

Directly, See CO2 and More

- 2-in-1 IAQ Sensor AM102/AM102
- 3-in-1 IAQ Sensor AM103/AM103L
- 9-in-1 IAQ Sensor AM307(L)/AM308(L) /AM319(L)



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Space Optimization & Management Sensor

Explore the Potential of Workplace with CoWork Series

- Smart Button WS101
- Smart Scene Panel WS136 & WS156
- Smart Fill Level Monitoring Sensor WS201
- PIR & Light Sensor WS20
- Motion & TH Sensor WS20
- Wire-Free Magnetic Contact Switch WS301
- Sound Level Sensor WS302
- Mini Leak Detection Sensor WS303
- Smart Wall Switch WS50x
- Smart Wall Socket WS51x
- Smart Portable Socket WS523
- Smart Light Controller WS558





IoT Display

Integrate Connectivity and Applications in One

• IoT E-ink Display DS3604





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iBox Kit Series

Kick off IoT PoCs with LoRaWAN® Demo Kits

- iBox IAQ Kit
- iBox CoWork Kit
- iBox Smart Building Kit
- iBox Smart Restroom Kit
- iBox Smart Agriculture Kit



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Temperature Sensor

Safeguard Freshness for Better Wellness

- Insertion Temperature Sensor TS101
- Cost-Effective Temperature Sensor TS201
- LoRaWAN[®] Temperature Sensor TS301/TS302





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Indoor Gas Sensor

Accurately, See NH3 and More

- Gas Detector GS101
- Bathroom Odor Detector GS301
- Vape Detector GS60





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Building & Urban Environment Monitoring Sensor

Develop Smart Cities with Milesight EM300 Series

- Capacitive Level Sensor EM300-CL
- Pulse Counter EM300-DI
- Magnetic Contact Switch EM300-MCS
- Membrane Leakage Detection Sensor
- EM300-MLD
- Temperature & Humidity Sensor EM300-TH
- Leak Detection Sensor EM300-SLD/ZLD
- Tilt Sensor EM310-TILT
- Ultrasonic Distance/Level Sensor EM310-UDL
- FDA Approved Temperature & Humidity Sensor EM320-TH
- FDA Approved Tilt Sensor EM320-TILT



Distance/Level Measurement Sensor

Discover New Possibilities with Milesight EM400 Series

- ToF Laser Distance Sensor EM400-TLD
- Multifunctional Ultrasonic Distance Sensor EM400-MUD
- Ultrasonic Distance Sensor EM400-UDL



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Industrial & Suburban Environment Monitoring Sensor

Build Smart World with Milesight EM500 Series

- CO₂ Sensor (4 in 1) EM500-CO₂
- Light Sensor EM500-LGT
- Pipe Pressure Sensor EM500-PP
- Industrial Temperature Sensor EM500-PT100
- Ultrasonic Distance/Level Sensor EM500-UDL
- Soil Moisture, Temperature and Electrical Conductivity Sensor EM500-SMTC
- Submersible Water Level Sensor EM500-SWL



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Smart Current Transformer

Protect and Manage Critical Assets at All Times

- Smart Current Transformer(CT101 & CT103)
- Smart Current Transformer(CT305 & CT310)





Asset Tracker

Protect and Manage Critical Assets at All Times

- Outdoor Asset Tracker AT101
- Uninterruptible Power Supply UPS01
- Milesight Field Tester FT101



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IoT Weather Station

Measure Atmospheric Conditions Precisely

• IoT Weather Station Pro Version WTS506





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Milesight IoT Cloud

User-Friendly and Effortless Management

• Milesight IoT Cloud



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Connectivity Suite

Remote and Bulk Management

- DeviceHub
- Milesight VPN

CONTENTS



Overall Features

- Provide Large Capacity & Faster Data Processing
- Handle Higher Amount of Traffic with Lower Consumption
- Handle Massive Sensor Data Efficiently
- OpenVPN/IPsec/PPTP/L2TP/GRE/DMVPN
- and Senet
- Support CN470/RU864/IN865/EU868/AU915/US915/KR920/AS923-1&2&3&4
- Connecting End Nodes Varies from Class A/B/C
- Extraordinary Features: Noise Analyzer, Multicast, Gateway Fleet and Listen Before Talk (Except UG63)
- Embedded Node-RED Development Tool (UG56/65/67)
- Embedded Python SDK (UG56/65/67)
- Support BACnet (UG56/65/67)

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➡ IoT Controller Series

Empower Automatic and Intelligent Control

- LoRaWAN[®]/4G IoT Controller UC300
- Multi-Interface LoRaWAN[®] Controller UC50x



Embedded Network Server & High Compatibility with Mainstream Networks Including Actility

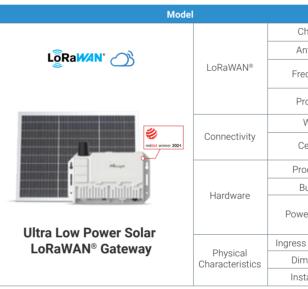
Enable All-around Connectivity

Model			UG63
	LoRaWAN®	Chipset	SX1302, 8 Channels (Half-duplex)
		Frequency	CN470/RU864/IN865/EU868/US915/ AU915/KR920/AS923-1&2&3&4
		Ethernet	1 × 10/100Mbps (1 x WAN)
	Connectivity	Cellular(Opt.)	1 x SIM-3FF
		Wi-Fi	IEEE 802.11 b/g/n, 2.4GHz, AP Mode
		CPU	Dual-core 240MHz, 32-bit Xtensa® LX7
· · ·	Hardware	Power Supply	 5VDC by Type-C Port 802.3af PoE via PoE Splitter 5-12 VDC by Terminal Block
	Physical	Ingress Protection	IP30
Mini LoRaWAN® Gateway	Characteristics	Installation	Desktop, Wall Mounting, Ceiling Mounting

Mode	1	UG56	
	LoRaWAN®	Chipset	SX1302, 8 Channels (Half-duplex)
		Antenna	1 × 50 Ω SMA Connector (Center PIN: SMA Female)
		Frequency	CN470/IN865/EU868/RU864/US915/ AU915/KR920/AS923-1&2&3&4
		Protocol	V1.0 Class A/Class B/Class C and V1.0.2 Class A/Class B/Class C
	Connectivity	Ethernet	1 x RJ45 PoE PD Port, 10/100 Base-T (IEEE 802.3)
		Wi-Fi	IEEE 802.11b/g/n, 2.4 GHz
	5	Cellular (Opt.) 1 x Mini SIM-2FF 3	1 x Mini SIM-2FF Slot, Support Global GSM/3G/4G LTE Frequency Bands
Manipe		CPU	Quad-core 1.3 GHz, 64-bit ARM Cortex-A35
	Hardware	Power Supply	 1 × 802.3af Standard PoE Input 5V, 2A by Type-C Port
		Ingress Protection	IP30
Industrial LoRaWAN [®] Gateway	Physical Characteristics	Dimension	110 x 75 x 24 mm (4.33 x 2.95 x 0.94 in)
	Gharacteristics	Installation	Desktop, Wall Mounting

Model			UG65
	LoRaWAN®	Chipset	SX1302, 8 Channels (Half/Full-duplex)
		Antenna	$1 \times 50 \ \Omega$ N-Female External Connector (Opt.)
		Frequency	CN470/IN865/EU868/RU864/US915/AU915/ KR920/AS923-1&2&3&4
(Ľ)		Protocol	V1.0 Class A/Class B/Class C and V1.0.2 Class A/Class B/Class C
	Connectivity	Ethernet	1 x RJ45 PoE PD Port, 10/100/1000 Base-T (IEEE 802.3)
Mage		Wi-Fi	IEEE 802.11b/g/n, 2.4 GHz
		Cellular (Opt.) 1 x Mini SIM-2FF Slot,	1 x Mini SIM-2FF Slot, Support Global GSM/3G/4G LTE Frequency Bands
		Processor	Quad-core 1.5 GHz, 64-bit ARM Cortex-A53
	Hardware	Built-in	Watchdog, RTC, Timer
Semi-Industrial LoRaWAN [®] Gateway	Hardware	Power Supply	 ① 1 × 802.3 af Standard PoE Input ② 9 ~ 24 VDC by DC Male Jack Connector
		Ingress Protection	IP65
	Physical Characteristics	Dimension	180 x 110 x 56.5 mm (7.09 x 4.33 x 2.22 in)
		Installation	Desktop, Wall or Pole Mounting







Enable All-around Connectivity

	HL31	
ow Chipset	MM6108	
requency	850~950MHz	
nel Bandwidth	1/2/4/8MHz	
ork Mode	AP	
Wi-Fi	IEEE 802.11b/g/n, 2.4 GHz	
lular (Opt.)	1 x SIM-3FF	
Ethernet	1 × 10/100Mbps (1 x WAN)	
rocessor	RK3308, 1.3 GHz, 64-bit ARM Cortex-A35 Quad Core	
wer Supply	 10 5 VDC by Type-C Port 20 802.3af PoE via PoE Splitter 30 5-12 VDC by Terminal Block 	
ss Protection	IP30	
stallation	Desktop, Wall Mounting, Ceiling Mounting	

	SG50	
Chipset	SX1302, 8 Channels (Half-duplex)	
Antenna	1 × 50 Ω N-Female External Connector	
requency	CN470/IN865/EU868/RU864/US915/AU915/ KR920/AS923-1&2&3&4	
Protocol	V1.0 Class A/Class B/Class C and V1.0.2 Class A/Class B/Class C	
Wi-Fi	IEEE 802.11 b/g/n, 2.4GHz, AP Mode	
Cellular	1 x Nano SIM-4FF, Support Global GSM/3G/4G LTE Frequency Bands	
rocessor	Dual-core 240MHz, 32-bit Xtensa® LX7	
Built-in	Watchdog, Timer	
wer Supply	 Solar Power or DC Power (12~24VDC) via M12 Connector 3.6V, 25000mAh Backup Batteries 5V, by Type-C Port 	
ss Protection	IP67	
imension	250 × 157.5 × 46mm (9.84 x 6.20 x 1.81 in)	
stallation	Wall or Pole Mounting	
	•	

	UG67	
Chipset	SX1302, 8 Channels (Half/Full-duplex)	
Intenna	$2 \times 50 \ \Omega$ N-Female External Connectors	
requency	CN470/IN865/EU868/RU864/US915/ AU915/KR920/AS923-1&2&3&4	
Protocol	V1.0 Class A/Class B/Class C and V1.0.2 Class A/Class B/Class C	
thernet	1 x RJ45 PoE PD Port, 10/100/1000 Base-T (IEEE 802.3)	
Wi-Fi	IEEE 802.11b/g/n, 2.4 GHz	
ular (Opt.)	1 x Mini SIM-2FF Slot, Support Global GSM/3G/4G LTE Frequency Bands	
GPS	Support (Internal Antenna)	
rocessor	Quad-core 1.5 GHz, 64-bit ARM Cortex-A53	
Built-in	Watchdog, RTC, Timer	
ver Supply	 1 × 802.3 af Standard PoE Input 2 12 VDC with M12 Connector 	
s Protection	IP67	
mension	240 x 164 x 90.9 mm (9.45 x 6.46 x 3.58 in)	
stallation	Wall or Pole Mounting	

Smart Heating and Cooling Controls

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Overall Features

WT Series

LoRa

D2D 🖒 N

• Great Candidate for Smart Temperature Control via HVAC Systems, Radiator, Fan Coil Unites, etc.

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• Accurate Temperature Detection and Calibration

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- Support Pre-set Date Period with Programmable Schedules
- Support Child Lock to Prevent Tampering (WT101/WT201)
- Compatible with Hotel Room Card Systems for Convenient Remote
- Management (WT201/WT30x)
- LoRaWAN[®] Wireless Deployment with Low Power Consumption
- Support Integration with BACnet Systems
- Milesight D2D with Communication Latency to <1 Sec (WT201)
- Long Battery Life and Wireless Installation for Easy Deployment (WT101)

Mode	I	WT101	
	Wireless Transmission	Technology	LoRaWAN®
		Frequency	IN865/RU864/EU868
		Mode	OTAA/ABP Class A
LoRallan' 🔿 Ň		Actuator	Stepping Motor
		Default Valve Fitting	M30×1.5mm
9	Valve Control		RA, RAV, RAVL, Giacomini, M28 (Comap, Herz, TA)
		Advanced Feature	LoRaWAN® IN865/RU864/EU868 OTAA/ABP Class A Stepping Motor M30×1.5mm RA, RAV, RAVL, Giacomini, M28 (Comap, Herz, TA) Automatic Temperature Control, Heat plans, Child Lock, Freeze Protection, Open-window Detection, Tamper Alarm NTC -20°C ~ 60°C ± 0.5°C (0°C ~ 50°C)
	Temperature Sensor	Sensor Type	NTC
		Range	-20°C ~ 60°C
		Accuracy	± 0.5°C (0°C ~ 50°C)
Smart Radiator Thermostat		Power Supply	2 x 1.5V Li-FeS ₂ AA Replaceable Batteries (3000 mAh in Total)
	Physical	Battery Life*	Around 5 Years
	Characteristics	Ingress Protection	IP30
		Installation	Latching on the Valve

* Tested under laboratory conditions and for guideline purposes only.

Model			WT201
	Wireless Transmission	Technology	LoRaWAN®, Milesight D2D
		Frequency	US915/AU915/KR920/AS923-1&2&3&4
		Mode	OTAA/ABP Class C
		Temperature Control Mode Options	Heat, EM (Emergency) Heat, Cool, Auto
	Thermostat	Fan Mode Options	Auto, On, Circulate
	Feature	Advanced Feature Child Lock, Multicast, Milesight D2D Cont	Local Control Schedule, Threshold Alarm, Freeze Protection, Child Lock, Multicast, Milesight D2D Controller, Milesight D2D Agent, Data Storage, Data Retransmission
	Sensor	Sensor Type & Range	NTC, -4°F to 140°F (-20°C to 60°C) Temperature: -4°F to 140°F (-20°C to 60°C) Humidity: 0% - 100% RH
	Others	Configuration	NFC or Type C USB
Smart Thermostat		Power Supply	20 to 30 VAC, 24 VAC Nominal
Smart Thermostat	Physical	Ingress Protection	IP30
	Characteristics	Dimension	113 x 110 x 21 mm (4.45 x 4.33 x 0.83 in)
		Installation	Wall Screw Mounting

Model			WT301	WT302
		Technology	LoRal	WAN®
	Wireless Transmission	Frequency	CN470/IN865/EU868/ KR920/AS92	
<u> </u>		Mode	OTAA/AB	P Class C
LoRa <mark>W/AN</mark> *		Compatible Fan Coil	Two Pipes, 3-speed	d Fan, 95~240 VAC
	Theresented	Fan Relay Amps	Resistance: 5A	, Inductive: 3A
Smart Fan Coil Thermostat Physic	Thermostat Feature	Commpatible Valve	Two-wire On/Off Motorized Valve	0-10V Proportional Integral Valve
		Valve Relay Amps	Resistance: 3A, Inductive: 1A	
	Temerature Sensor	Sensor Type & Range	NTC, -20°C~60°C	
	Dhysical	Power Supply	95~240 VA	C, 50~60Hz
		Operating Temperature	0°C~	45°C
	Characteristics	Ingress Protection	IP	20
		Dimension	88 × 88 × 41.8 mm (3	3.46 × 3.46 × 1.65 in)
		Installation	86*86mm Square or Europea	n 60mm Round Box Mounting

Smart Heating and Cooling Controls

Smart People Counting That Matters in Buildings & Retails

Smart People Counting That Matters in Buildings & Retails

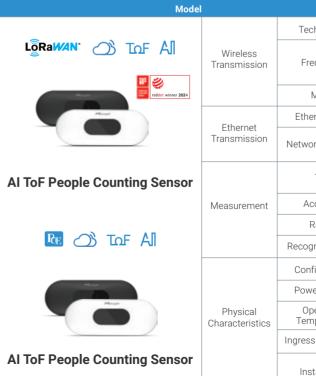
Occupancy & People Counting Series



Model		
		Tecl
LôRa WAN' () A I	Wireless Transmission	Fre
Mage		Ν
	Ethernet	Ether
	Transmission	Networ
AI Workplace Occupancy Sensor		Field
		Recogn
	Measurement	Recogi
Mage		Installa
•		Advanc
		Conf
Al Workplace Occupancy Sensor	Physical Characteristics	Powe
		Inst

Overall Features

- High Accuracy of Detection
- All LoRaWAN[®] Versions Are GDPR-Compliant & 100% Anonymity-Detecting
- Support Milesight D2D with Communication Latency to <1 Sec (VS121/VS34x/VS350)
- High Ceiling Mount Version Available (VS121/VS135 Series)
- Smart U-Turn Detection (VS121/VS133/VS135/VS351)
- Dwell Time Detection (VS121/VS125/VS133/VS135)
- Bi-Directional People Counting via In/Out Counting
- (VS121/VS125/VS133/VS135/VS350/VS351/VS361)
- Advanced Heat Map Available (VS133-P/VS135-P)



	VS121	VS121-P	
chnology	LoRaWAN® , Milesight D2D		
requency	CN470/IN865/RU864/EU868/ US915/AU915/KR920/ AS923-1&2&3&4	-	
Mode	OTAA/ABP Class C		
ernet Port		1× RJ45 10/100 Mbps (PoE PD)	
ork Protocol	-	MQTT(s), HTTP(s), RTSP, NTP, SSH, etc.	
ld of View	Standard Version: 190° Horizontal, 112° Vertical High Ceiling Mount Version: 129.4° Horizontal, 68.4° Vertical		
nition Range	Standard Version: a Radius of 5 Meters, At the Height of 3m High Ceiling Mount Version:18m × 7m, At the Height of 7m		
gnition Rate	Region Counting: Up to 95% Line Crossing Counting: Up to 98% People Flow Analysis: Up to 98%		
lation Height	Standard Version: 2.5m to 4m High Ceiling Mount Version: 5m to 7m		
nced Feature	Mapped Detection Region Customization, Filter U-Turns, Privacy Mask, Dwell Time Detection		
nfiguration	Wi-Fi	Ethernet	
ver Supply	5 VDC / 1.5A by Type-C Port	1. 5 VDC / 2A by Terminal Block 2. 802.3af PoE	
stallation	Ceiling Mounting		

	VS133	VS133-P	
echnology	LoRaWAN®		
requency	CN470/IN865/RU864/EU868/ US915/AU915/KR920/ AS923-1&2&3&4	-	
Mode	OTAA/ABP Class C		
nernet Port		1× RJ45 10/100 Mbps (PoE PD)	
vork Protocol	-	MQTT(s), HTTP(s), NTP, 802.1x, SSH, LLDP, BACnet/IP, etc.	
ToF	FoV: 98° Horizontal, 80° Vertical Light Beam: 940nm (Invisible)		
Accuracy	<3.5 cm		
Range	0.5~3.5 m		
ognition Rate	Up to 99.8%		
nfiguration	Wi-Fi	Ethernet	
wer Supply	12VDC / 2A	802.3 at PoE+	
)peration mperature	-20°C ~ +50°C		
ss Protection	IP40		
stallation	Ceiling Mounting, Extended Ceiling Mounting & Lintel Mounting (with Optional Multifunctional Bracket)		

Smart People Counting That Matters in Buildings & Retails

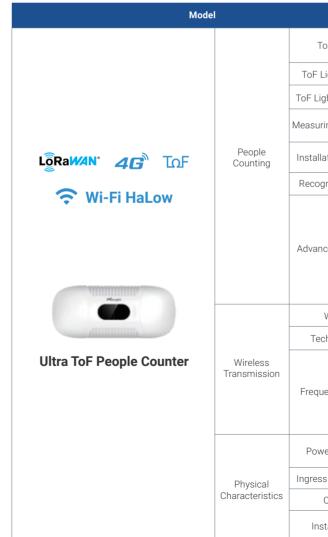
Mode	VS330			
Mode				VS330
			Technology	LoRaWAN®
	Wireless Transmission		Frequency	CN470/IN865/RU864/EU868/US915/AU915 /KR920/AS923-1&2&3&4
			Mode	OTAA/ABP Class A
Lõraman. 🔿 🚺 Tur 🕸			ToF FoV	27°
	Measurement	ToF	Detetion Accuracy and Range	±2cm, 0.040 ~ 3.500m
		PIR -	Detection Area	80°
			Detection Distance	Maximum 2.5m
Manger		Others	Sensor Adjustable Angle	0°, 15°, 30°, 45°, 60°, 75°
		Configuration		Mobile App via NFC
Cubicle Occupancy Sensor		Power Supply* Physical Button		Easily Replaceable Batteries with up to 4-Year Battery Life
				1 × Power/Reset Button
	Characteristics	In	gress Protection	IP30
			Dimension	Ф100 x 24 mm (Ф3.94 x 0.95 in)
			Installation	Ceiling Mount or Wall Mount via Screws or 3M tapes

Mode	I		VS340	VS341
		Technology	PIR	PIR & Thermopile
LoRallan D2D 📃	Occupancy	Recognition Rate	Up to 95%	Up to 98%*
	Detection	PIR Detection Area	107° Horizonta	al, 107° Vertical
- <u>m</u> - (0)		PIR Detection Distance	With	in 1m
		Technology	LoRaWAN®, I	Vilesight D2D
Desk & Seat Occupancy Sensor	Wireless Transmission	Frequency	CN470/IN865/EU868/RU864/US915/ AU915/KR920/AS923-1&2&3&4	
		Mode	OTAA/ABP Class A	
LõRallan" D2D 😌 🕅		Power Supply	1 x 4000 mAh ER18505 Li-SOCL2 Battery	
		Battery Life**	Around 5 Years (100 T	Friggers per Day, 25°C)
	Physical	Configuration	NFC Configuration via Mobile App	
	Characteristics	Operating Temperature*	-20°C ~	- +60°C
Desk & Seat Occupancy Sensor		Dimension	73 x 73 x 26 mm (2.87 x 2.87	x 1.02 in) (Without PIR Cover)
		Installation	3M Tape Mounting, Wall Screw Mounting	

* The temperature range of thermopile to reach best recognition rate is +10°C to +30°C. ** Tested under laboratory conditions and for guideline purposes only.

Mode	el	V\$350	
		Technology	Dual PIR
	People	Installation Height	Ceiling Mount: ≤ 3.0m, Wall Mount: 1.2m~1.3m
LoRallan. D2D 😅	Counting	Detection Range	Bi-directional People Counting Ceiling Mount: Passage Width = 2.8 m (At the height of 3m) Wall Mount: Passage Width < 2.3 m
	Wireless Transmission	Technology	LoRaWAN [®] , Milesight D2D
		Frequency	CN470/IN865/EU868/RU864/US915/AU915 /KR920/AS923-1&2&3&4
1 Maryon		Mode	OTAA/ABP Class A
0		Power Supply	2 x 2700 mAh ER14505 Li-SOCl2 Replaceable Batteries
Passage People Counter		Battery Life*	Around 4 Years (10-min Interval, 25°C, 1000 People per Day)
rassage reopie counter	Physical Characteristics	Operating Temperature	-20°C ~ +60°C
		Dimension	100 x 70 x 21 mm (3.94 x 2.76 x 0.83 in)
		Installation	Ceiling Mount, Wall Mount

* Tested under laboratory conditions and for guideline purposes only.



Smart People Counting That Matters in Buildings & Retails

	VS135-P	VS135-L08EU	VS135-HL- 868M/915M	VS135-868M/ 915M/470M				
OF FoV	Standard Version: 98° Horizontal, 80° Vertical / High Ceiling Mount Version: 60° Horizontal, 45° Vertical							
Light Beam		940nm (Invisible)						
ghting Mode		Auto/Alv	ways On					
ring Accuracy	Н	Standard Vers ligh Ceiling Moun		m				
lation Height	Hig	Standard Versi h Ceiling Mount ^v		.5m				
gnition Rate		Up to	99.8%					
nced Feature	Multi-Devices Stitching, Group Counting, Heat Map, Dwell Time Detection, Regional People Counting, Staff Detection, Children/Adults Differentiation, Filter U-turns Children/Adults Differentiation, Filter U-turns							
Wi-Fi	IEEE 802.11 b/g/n, 2.4GHz (AP Mode for configuration)							
chnology		LTE Cat 4	Wi-Fi HaLow	LoRaWAN®				
uency/Band	-	LTE-FDD: B1/B3/B7/B8/ B20/ B28 WCDMA: B1/B8 GSM/EDGE: B3/B8	915/868MHz	N470/IN865/ EU868/RU864/ US915/AU915/ KR920/AS923- 1&2&3&4				
ver Supply	802.3at PoE+ or DC12V DC12V							
s Protection		IP(65					
Color		White	/Black					
stallation	Ceiling Mounting, Extended Ceiling Mounting & Lintel Mounting (with Optional VB01 Multifunctional Bracket)							

Smart People Counting That Matters in Buildings & Retails

Smart People Counting That Matters in Buildings & Retails

Model			VS125-P	VS125-L0BEU
		Sensor	2 x 4MP Senso	r (2688 x 1520)
		Recognition Rate	Up to 99.8%	
	Sensor	Installation Height	2.2 -	~ 6m
		Required Illumination	0 lux with iR il	luminators On
		Bi-Directional People Counting	Up to 4 detection lines for b	i-directional people counting
		U-turn Filtering		ng of people wandering people counting areas
Re 46 000	Advanced	Regional People Counting & Dwell Time Detection	Up to 4 detection areas (up t for regional people countir	o 10 decagon for each area) ng and dwell time detection
	function	Children/ Adult Differentiation	Support	
		Gender Recognition	Support	
-		Expression Recognition	Under development	
		Multi-Device Stitching	Support up to 8 devices stitching to expand coverage (Under development)	
		Ethernet Port	1 × RJ45 10/100 Mbps (PoE PD)	1 × RJ45 10/100 Mbps(Only used for Multi-Device stitching)
Al Stereo Vision People Counter	Data transmission	Network Protocol	MQTT(s), HTTP(s), 802.1x, SSH, NTP, etc.	MQTT(s), HTTP(s), SSH, NTP, etc.
		Frequency Band	-	B1/B3/B5/B7/B8/B20/B28 for EMEA+Australia/ New Zealand
		DI/DO	1.	/1
	Others	Wi-Fi	IEEE 802.11 b/g/n, 2.4GHz (AP Mode for configuration)	
		Power Supply	802.3af PD or DC 12V/1A	DC 12V/1A
	Physical Characteristics	Local Storage	Store up to one m and supports to	illion data records o export csv file
		Installation	Ceiling Mounting, Exten Lintel Mounting (with Optio	ded Ceiling Mounting & nal Multifunctional Bracket)

Mode	el		VS351
		Technology	Radar (Battery Version Only) & Thermopile
		Detection Rate	Up to 95% (Single Person: Up to 99%)
LoRa###N" [🚯 💕	Measurement	Sensor Adjustable Angle	0°~90°
		Range	-30°C ~ 70°C
•		Advanced Features	U-Turn Filtering, Bi-directional People Counting, Side by Side Differentiation
	Wireless	Technology	LoRaWAN [®] , Milesight D2D
Type-C Version	Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915 /KR920/AS923-1&2&3&4
·	Others	Advanced Feature	Data Storage, Data Retransmission, Data Retrievability, Milesight D2D Controller
¥		Configuration	NFC
Wireless Battery Version	Physical	Power Supply	 5V/1A by Type-C Port (Both Versions) 4x9000 mAh ER26500 Li-SOCl₂ Replaceable Batteries (Battery Version Only)
Mini Al Thermopile People Counter	Characteristics	Battery Life	Around 1.6 Years (30-min Interval, 25°C, 1000 People per Day)
r copie counter		Installation	Ceiling Mounting, Lintel Mounting

Mode	I		VS360
		Technology	IR Breakbeam
	Measurement	Installation Height	0.7m ~ 1.2m
LÔRaWAN' Ŋ 💆		Bi-directional Counting	Support
		Technology	LoRaWAN®, Milesight D2D
Mage	Wireless Transmission	Frequency	CN470/IN865/EU868/RU864/US915/ AU915/KR920/AS923-1&2&3&4
Mour		Sensitivity	-137dBm
	Others	Advanced Feature	Data Storage, Data Retransmission, Data Retrievability, Milesight D2D Controller
		Screen	1 × OLED Screen for Master Device
Mount		Power Supply	NFC Configuration via Mobile App
IR Breakbeam People Counter	Physical Characteristics	Operating Temperature*	2 x 2700 mAh ER14505 Li-SOCl₂ Replaceable Batteries for per device
		Battery Life	Around 3 Years (10-min Interval, 2000 People per Day)
		Installation	Wall Mount



See CO₂ and More to Optimize Energy Efficiency and Healthy

See CO₂ and More to Optimize Energy Efficiency and Healthy

Indoor Air Quality (IAQ) Monitoring Series



- Multi-Sensor in One for Various Scenarios
- Wireless Installation with Anti-theft Protection
- Support Data Storage and Retransmission
- Powered via USB Type-C (AM319(L))
- Multi-years Battery Life (AM102(L)/AM103(L)/AM307(L)/AM308(L))
- Traffic Light Status Indicator for Direct Notification (AM102(L)/AM103(L)/AM307(L) /AM308(L)/AM319(L))

Minin

Min

- Support Smart Screen Mode (AM102/AM103/AM307/AM308)
- Hibernation Mode for Ultra-Low Power Consumption (AM102/AM103)



		Insta
ested under laboratory conditions and for guideline p	urposes only.	
Model		
		Tech
	Wireless Transmission	Free
CERTIFIED		Wor
		Tem
tentre tentre		Hu
Plange III		М
		L
7-in-1 IAQ Sensor		TVOC (I
		Baromet
The second secon	Measurement	Carbon D
The last of the la		PM2.5
8-in-1 IAQ Sensor		Formalde
5		Ozor
WELL L		Confi
SEED IN IN DEC IN IN REV. SEC. IN IN Rev. IN	Physical	Power
9-in-1 IAQ Sensor	Characteristics	Ingress
		Dim

* HCHO or O₃ sensor is alternative option and both support replacement. ** Tested under laboratory conditions and for guideline purposes only.

AM102	AM102L	AM103	AM103L			
LoRaWAN®						
CN47(CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4					
	OTAA/AB	P Class A				
	±0.2°C (-20	°C~60°C)				
	±2% RH (0% R	H~ 100% RH)				
		8% of Reading), 5000 ppm				
NFC						
2 × 2700 mAh ER14505 Li-SOCI2 Replaceable Batteries						
Over 7 Years	Over 9 Years	Up to 3 Years	Up to 4 Years			
2.13-inch Black & White E-Ink Screen	-	2.13-inch Black & White E-Ink Screen	-			
1 × Traffic Light Status Indicator						
IP30						
68 × 65 × 20.5 mm (2.68 × 2.56 × 0.81 in)						
Wal	Screw Mounting	g, 3M Tape Moun	ting			
	CN470 2 × 2700 m Over 7 Years 2.13-inch Black & White E-Ink Screen 68 ×	LoRa CN470/IN865/RU864/ KR920/AS9: OTAA/AB ± 0.2°C (-20 ± 2% RH (0% R - NH 2 × 2700 mAh ER14505 Li-S Over 7 Years 2.13-inch Black & White E-Ink Screen 1 × Traffic Light IP 68 × 65 × 20.5 mm (2)	LoRaWAN® CN470/IN865/RU864/EU868/US915/AI CN470/IN865/RU864/EU868/US915/AI CN470/IN865/RU864/EU868/US915/AI OTAA/ABP Class A ± 0.2°C (-20°C ~ 60°C) ± 2% RH (0% RH~ 100% RH) ± 2% RH (0% RH~ 100% RH) ± 2% RH (0% RH~ 100% RH) ± 30 ppm + 3 400 to 5 NFC 2 × 2700 mAh ER14505 Li-SOCl2 Replaceabl Over 9 Years 2 × 2700 mAh ER14505 Li-SOCl2 Replaceabl Over 9 Years 2.13-inch Black & White E-Ink - 2.13-inch Black & White E-Ink - 2.13-inch Black & White E-Ink Screen 1 × Traffic Light Status Indicator IP30			

	AM307(L)	AM308(L)	AM319(L)			
Technology	LoRaWAN®					
Frequency		CN470/RU864/IN865/EU868/US915/AU915/ KR920/AS923-1&2&3&4				
Work Mode	OTAA/ABP Class A	OTAA/ABP Class A	OTAA/ABP Class C			
Temperature	:	± 0.2°C (-20°C - 60°C)				
Humidity	±	2%RH (0% ~ 100%RH)			
Motion	Va	cant/Occupied (Statu	s)			
Light	0-60000 L	ux (Determine as 6 Le	evels, 0-5)			
VOC (IAQ Rating)	1	.00 - 5.00, ±1 Accurac	y			
rometric Pressure	±0.	±0.5 hPa (260 ~ 1260 hPa)				
rbon Dioxide (CO2)	± (30 ppm + 3 400 ~ 5	± (50 ppm + 5% of Reading), 400 ~ 2000 ppm				
PM2.5 & PM10	-		0-100 µg/m³), ~ 1000µg/m³)			
rmaldehyd(HCHO)*	-	±10% (0 - 1.25 mg/m3)				
Ozone (O₃)*			±5% FS (0 - 10 ppm)			
Configuration		NFC, USB Type-C Port				
Power Supply**	AM307:AM308:Around 3 YearsAround 1 YearsAM307L:AM308L:Around 5 YearsAround 1.5 Years		5V/1A by Type-C Port			
ngress Protection	IP30					
Dimensions	100.8 × 114 × 22 mm (3.97 × 4.49 × 0.87 in) & 4.2-inch E-Ink Screen					
Installation	3M Tape Mounting	, Wall Screw Mounting	g, 86 Box Mounting			

The Workplace of the Future - Safer and Smarter

CoWork Series



Overall Features

- Suitable for Workplace Utilization and Power Consumption Management
- LoRaWAN[®] Wireless Deployment with Low Power Consumption
- Support Multicast, Overcurrent Protection, Remote and Local Control
- (WS50x/WS51x/WS523/WS558)
- Milesight D2D with Communication Latency to <1 Sec (Except WS201)
- Long Battery Life and Wireless Installation for Easy Deployment (Except WS50x/WS51x/WS558)

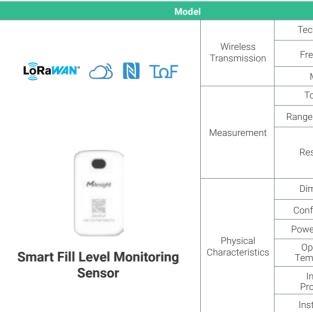
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Mode	1	WS101	
		Technology	LoRaWAN®, Milesight D2D
	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
	-	Mode	OTAA/ABP Class A
		Power Supply*	Easily Replaceable Battery with over 5-year Battery Life
	Physical Characteristics	Ingress Protection	IP30
Marge Marge		Dimensions	50 × 50 × 18 mm (1.97 × 1.97 × 0.71 in) Button: Φ20 mm (Φ0.79 in)
		Installation	On the Flat Surfaces with Screws or 3M Tapes, Lanyard
		Configuration	NFC
Smart Button	Smart Button Others	Button	1 × External Button + 1 × Reset Button (Internal)
		Advanced Feature	Milesight D2D Controller

* Tested under laboratory conditions and for guideline purposes only.

	Model			WS136/WS156
			Technology	LoRaWAN®, Milesight D2D
) () N	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
			Mode	OTAA/ABP Class A
			Power Supply*	Easily Replaceable Batteries with over 3-Year Battery Life
		Physical Characteristics	Ingress Protection	IP30
14	. ± ±		Dimensions	86 × 86 × 14 mm (3.39 × 3.39 × 0.55 in)
2 5	<u>* *</u>		Display	2.9-Inch Black & White E-Ink Screen (WS156 Only)
3 6	<u>A. P.</u>		Installation	Desktop, 3M Tape Mounting, 86 Box Mounting
		0.1	Configuration	NFC
Smart Sce	ne Panel	Others	Button	6 Scene Buttons (Blue Light) & 1 Reset Button (Internal)
			Advanced Feature	Milesight D2D Controller, Screen Display Customization

* Tested under laboratory conditions and for guideline purposes only.



* Tested under laboratory conditions and for guideline purposes only.

	WS201					
echnology	LoRaWAN®					
requency	CN470/ IN865/RU864/EU868/US915/AU915/ KR920/AS923- 1&2&3&4					
Mode	OTAA/ABP Class A					
ToF FoV	25°(Accuracy± 5°)					
ge&Accuracy	1 ~ 55 cm (Accuracy: ± 1 cm)					
esolution	1mm (1.0 ≤X ≤15.0cm) 2mm (15.0 <x≤ 35.0cm)<br="">3mm (35.0<x≤55.0cm) X = Detection Distance</x≤55.0cm) </x≤>					
imension	66 × 38 × 12 mm (2.60 × 1.50 × 0.47 in)					
nfiguration	NFC					
ver Supply*	Easily Replaceable Battery with 2-Year Battery Life					
)peration mperature	-10°C ~ +60°C					
Ingress rotection	IP30					
stallation	On the Flat Surface with 3M Tapes					

The Workplace of the Future - Safer and Smarter

Mode	l	W\$202	
		Technology	LoRaWAN®, Milesight D2D
	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923
		Mode	OTAA/ABP Class A
		PIR	120° Horizontal, 100° Vertical, Maximum 8 m
	Measurement	Light Status	Bright/Dark (Determine 1-60000 lux as Bright or Dark According to Custom Threshold)
ė	Physical Characteristics Others	Power Supply*	Easily Replaceable Battery with up to 4-Year Battery Life
		Ingress Protection	IP30
Philippe		Dimension	50 × 50 × 23.8 mm (1.97 × 1.97 × 0.94 in)
PIR & Light Sensor		Installation	On the Flat Surfaces with Screws or 3M Tapes
		Configuration	NFC
		Advanced Feature	Milesight D2D Controller

* Tested under laboratory conditions and for guideline purposes only.

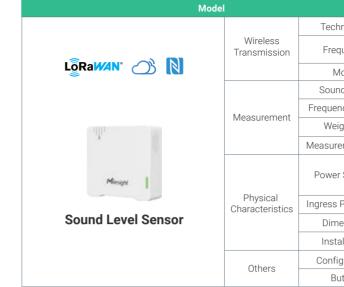
Model	l -	WS203	
	Wireless Transmission	Technology	LoRaWAN®, Milesight D2D
		Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
LoRalvan. DJD 🖓 🚺		Mode	OTAA/ABP Class A
		PIR	120° Horizontal, 100° Vertical; Detection Area: Maximum 6 m (Distance)
	Measurement	Temperature	±0.2°C (-20°C~60°C)
		Humidity	±2% RH (0% RH~ 100% RH)
Minorpot Bill	Others	Configuration	NFC
		Advanced Feature	Milesight D2D Controller, Data Storage, Data Retransmission
	Physical Characteristics	Power Supply	1 × 4000 mAh ER18505 Li-SOCl2 Battery
		Battery Life*	Up to 5 years
Motion & TH Sensor		Ingress Protection	IP30
		Dimension	73 x 73 x 26 mm (2.87 x 2.87 x 1.02 in) (Without PIR Cover)
		Installation	Wall Screw Mounting, 3M Tape Mounting

* Tested under laboratory conditions and for guideline purposes only.

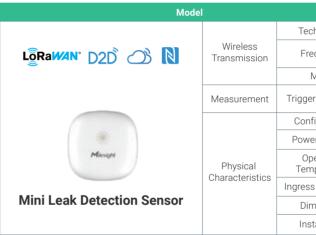
Mode	l	WS301	
		Technology	LoRaWAN®, Milesight D2D
	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923
LôRaman. D2D 🔿 Ŋ		Mode	OTAA/ABP Class A
	Measurement	Detection Distance	10-15 mm
	Physical Characteristics	Power Supply*	Easily Replaceable Battery with over 5-year Battery Life
		Ingress Protection	IP20
Milensight		Dimension	Sensor: 50.5 × 31 × 18.5 mm (1.99 × 1.22 × 0.73 in) Magnet: 30 × 13.5 × 10 mm (1.18 × 0.53 × 0.39 in)
Z L		Installation	On the Flat Surfaces with Screws or 3M Tapes
	Others	Configuration	NFC
Magnetic Contact Switch		Button	1 × Reset Button (Internal), 1 × Tampering Button
		Alarms	Open/Close Status, Tamper
		Advanced Feature	Milesight D2D Controller

* Tested under laboratory conditions and for guideline purposes only.

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* Tested under laboratory conditions and for guideline purposes only.



* Tested under laboratory conditions and for guideline purposes only.



* Tested under laboratory conditions and for guideline purposes only

	WS302
chnology	LoRaWAN®
requency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
Mode	OTAA/ABP Class A
und Level	± 3 dB (0°C to +45°C), 30 dBA to 120 dBA, 35 dBC to 120 dBC
Jency Range	30 Hz to 8 kHz
/eighting	A and C Fast Weighting
urement Unit	SPL Actual, Leq, Lmax
ver Supply*	Easily Replaceable Batteries with over 4-Year Battery Life (Fast Time Weighting Disabled) And over 1.5 Years (Fast Time Weighting Enabled)
ss Protection	IP30
imension	68 × 65 × 20.5 mm (2.68 × 2.56 × 0.81 in)
stallation	On the Flat Surfaces with Screws or 3M Tapes
nfiguration	NFC
Button	1 × Power/Reset Button

	WS303
chnology	LoRaWAN [®] , Milesight D2D
requency	CN470/ IN865/RU864/EU868/US915/AU915/ KR920/AS923- 1&2&3&4
Mode	OTAA/ABP Class A
er Condition	Conductive Liquid When Liquid Level Reaches 0.5 mm
nfiguration	NFC
ver Supply*	Easily Replaceable Battery with 5-Year Battery Life
peration mperature	-10°C to +60°C
ss Protection	IP67
mension	63 × 63 × 14 mm
stallation	3M Tape Mounting, Desktop
	·

	WS50x					
chnology	LoRaWAN [®] , Milesight D2D					
requency	CN470/IN865/RU864/ KR920/AS92	EU868/US915/AU915/ 23-1&2&3&4				
Mode	OTAA/ABP Class C	OTAA/ABP Class B, Class C to B, Class C				
rcuit Type	3-Wire	2-Wire				
num Current	Inductive: 5 A per Gang, Total 10 A Resistive: 10 A per Gang, Total 10 A					
ated Load	Max 1000 W per Gang, total 0 ~ 2000 W	Max 1000 W per Gang, total 38 ~ 2000 W				
asurement	Voltage (VAC), Current (mA), Power Factor (%), Power (W), Power Consumption (kWh)	-				
mensions	86 Type: 86 × 86 × 40 mm (3.39 × 3.39 × 1.57 in) 120 Type: 118 × 72 × 46.9 mm (4.65 × 2.83 × 1.85 in)					
ss Protection	IP20					
nfiguration	NFC					
tch Control	Local Press or Remote Control					
ced Features	Schedule Switch, Switch Lock, Overcurrent Protection, Multicast, D2D Controller, Milesight D2D Agent					

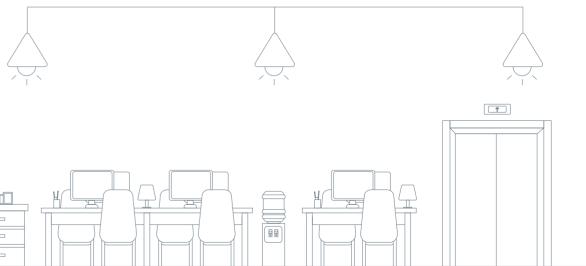
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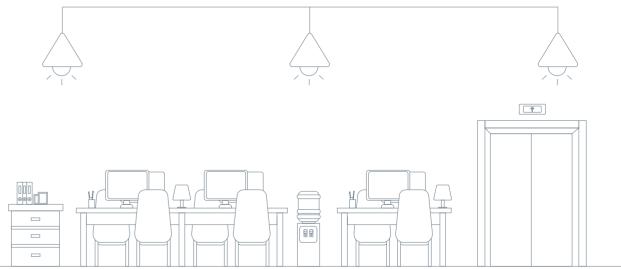
Model		WS523	
		Technology	LoRaWAN®, Milesight D2D
	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
LoRallan. D2D 🔿 🚺		Mode	OTAA/ABP Class C
		Socket & Plug Type	US/EU/AU/UK/CN, etc.
		Operating Voltage	100 ~ 250 VAC, 50 ~ 60 Hz
	Measurement	Max Load Capacity	10 A ~ 16 A (Optional), 250 VAC
TOOOOOOOOOOOOO		Measurement	Voltage (VAC), Current (mA), Power Factor (%), Power (W), Power Consumption (kWh), ±1 % Accuracy
	Physical Characteristics	Dimensions	110 × 62.3 × 34.6 mm (4.33 × 2.45 × 1.36 in)
		Ingress Protection	IP30
Smart Portable Socket		Configuration	NFC or Downlink
		Switch Control	Button or Remote Control
	Others	Button	ON/OFF, Reset
		Advanced Features	Schedule Switch, Button Lock, Overcurrent Protection/Alarm, Multicast, Power Outage Alert, Milesight D2D Agent

Mode	I	WS51x	
	Wireless Transmission	Technology	LoRaWAN®, Milesight D2D
		Frequency	IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
		Mode	OTAA/ABP Class C
LoRaman. D2D 🔿 Ŋ		Socket Type	EU: Type F, with Safety Door FR: Type E, with Safety Door
	Electrical	Input Voltage	100~250 VAC, 50~60 Hz
	Electrical	Rated Current	16A (Max)
		Measurement	Voltage (VAC), Current (mA), Power Factor (%), Power (W), Power Consumption (kWh)
	Software	Configuration	NFC or Downlink
(Bitter Minager) (Bitter Minager)		Power Control	Local Press Button or Remote Control
Smart Wall Socket		Advanced Features	Delay Switch, Button Lock, Overcurrent Protection/ Alarm, Multicast, Milesight D2D Agent
	Dhysical	Ingress Protection	IP20
	Physical Characteristics	Dimensions	Type F: 86.3 × 86.3 × 45.8 mm (3.4 × 3.4 × 1.8 in) Type E: 86.3 × 86.3 × 43.3 mm (3.4 × 3.4 × 1.7 in)

* Tested under laboratory conditions and for guideline purposes only.

Mode	I	WS558-LN	WS558-Switch	
		Input Voltage	100~240 VAC, 50~60 Hz	
		Output	8 Active Outputs	8 Passive Switches
		Capacitive & Inductive Load	Maximum 5A per Output, Total 16A	Maximum 5A per Switch
LõRaman. D2D 🔿 🚺	Electrical	Resistive Load	Maximum 10A per Output, Total 16A	Maximum 10A per Switc
		Electrical Measurement	Voltage (VAC), Current (mA), Power Factor (%), Power (W), Power Consumption (kW·h)	-
		Switch Control	Local Press or Remo	te Control
	Wireless Transmission	Protocol	LoRaWAN®, Milesi	ght D2D
Manger Basaint Lobert Common LLBR		Frequency	CN470/IN865/RU864/EU86 KR920/AS923-18	
0		Mode	OTAA/ABP Cla	ss C
Smart Light Controller	Physical Characteristics	Dimensions	145 × 90 × 40 mm (5.7 ×	3.54 × 1.57 in)
5		Installation	Wall Mounting, DIN Ra	ail Mounting
		Configuration	NFC, USB Type-C or	Downlink
	Others	Advanced Features	Multicast, Remote Schedule Switch, Overcurrent Protection, Milesight D2D Agent	





The Workplace of the Future - Safer and Smarter

IoT E-ink Display

DS3604 with high-definition e-ink display is great for flexible content presentation in retail, warehouse and logistics management, smart production lines and more.

iBox Kit Series

Milesight iBox Kit is designed for users to quickly evaluate the LoRaWAN[®] technology with testified devices and services. Going comprehensively digital transformation with more certainty, these solutions are the one step before users to scale connected device deployments securely with high reliability.

Overall Features

LoRa

- Bigger E-ink Screen Featuring Red/White/Black Color Display
- Customized Templates in Multiple Modules and Languages
- Low Power Consumption with up to 5 Years Battery Life
- Open API and a LoRaWAN® Button Enable Various Applications
- Support Local and Remote Control for Bulk Deployment
- LoRaWAN® Wireless Deployment with Low Power Consumption

Mod	el	DS3604	
	Wireless Transmission	Technology	LoRaWAN®
		Frequency	CN470/ IN865/RU864/EU868/US915/AU915/ KR920/AS923- 1&2&3&4
CERTIFIED		Mode	OTAA/ABP Class A/Class B (Default OTAA Class B)
		E-Ink Screen	4.2-inch Black & White & Red E-Ink Screen
	Display	Resolution	400 x 300 Pixels
		Refresh Rate	16s (10 - 40°C)
Minesepte 401-01	Physical Characteristics	Configuration	NFC
Miles		Battery Life*	Around 5 Years (Class A Mode + 1 Screen Refresh per Day) Around 1 Year (Class B Mode + 12 Screen Refreshes per Day)
Minager		Operation Temperature	0°C ~ +40°C
IoT E-ink Display		Dimension	99 × 87 × 10.5 mm (3.90 × 3.43 × 0.41 in)
		Installation	3M Tape Mounting, Wall Screw Mounting

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Milesight Miles

Product Manager Product Departmen

Milesight

* Tested under laboratory conditions and for guideline purposes only.

Overall Features

LoRa





*Enjoy free cloud services for a specified period of

iBox Smart Restroom Kit





Professional Temperature Monitoring

Milesight

* I I) A ESBO"

26.3

TS Series

LoRaWAN* \bigcirc

Overall Features

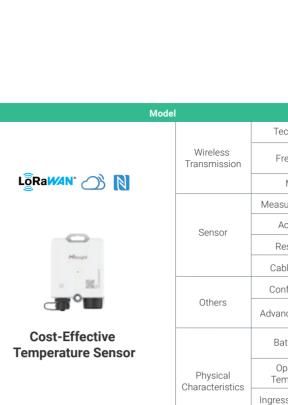
- Industrial-grade Design
- Easy Configuration via NFC
- Highly-Accurate Temperature Monitoring

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- Support Data Storage and Retransmission 0
- LoRaWAN® Wireless Deployment with Low Power Consumption
- Food-Grade Enclosure and Probe (TS101)
- Compliance with HACCP and 21 CFR Part 11B (TS30x)

Model	l -	T\$101	
	Wireless Transmission	Technology	LoRaWAN®
		Frequency	CN470/ IN865/RU864/EU868/US915/AU915/ KR920/AS923- 1&2&3&4
		Mode	OTAA/ABP Class A
	Measurement	Range	-30°C ~ +70°C (Accuracy: ±0.5°C)
	Weasurement	Resolution	0.1°C
Y	Physical Characteristics	Configuration	NFC
		Power Supply*	Easily Replaceable Battery with 10-Year Battery Life
		Material	Transceiver: ABS + PC Sensor Probe: 316 Stainless Steel (Food-Grade, Phosphine &Corrosion Resistant)
I		Ingress Protection	IP67
Insertion Temperature Sensor		Impact Protection	IK10(Transceiver)
		Dimension	Transceiver: Φ 92 × 92 × 26 mm (Φ 3.62 × 3.62 × 1.02 in) Sensor Probe: Φ 7 × 400 mm (Φ 0.28 × 15.75 in)
		Installation	Insert Installation



Wireless Transmission Technology LoRaWAN® Wireless Frequency CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4 Mode OTAA/ABP Class A Sensor Connector Connector Type 5-pin M12 A-Coded Male Connector Sensor Connector Number TS301: 1 × Connector for PT100 Probe or Magnet Switch Sensor + Magnet Switch Sensor	Model		TS301	TS302	
Image: Sensor Connector Number Sensor Connector Number Transmission Frequency Connector Sensor TS302: 2 × Connectors for two PT100 Frequency Frequency Connector Number Transmission Transmission Frequency Connector Sensor TS302: 2 × Connectors for two PT100 Frequency Connector Number Transmission Frequency Connector Sensor TS302: 2 × Connectors for two PT100 Frequency Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connectors for two PT100 Connector Sensor TS302: 2 × Connector Sensor			Technology	LoRaWAN®	
Mode OTAA/ABP Class A Sensor Connector Type 5-pin M12 A-Coded Male Connector Sensor Connector Number TS301: 1 × Connector for PT100 Probe or Magnet Switch Sens TS302: 2 × Connectors for two PT100 Probes or PT100 Probes or PT100			Frequency		
Sensor Connector TS301: 1 × Connector for PT100 Probe or Magnet Switch Sensor TS302: 2 × Connectors for two PT100 Probes or PT100	e d'a		Mode	OTAA/AB	P Class A
Connector Connector Number TS301: 1 × Connector for PT100 Probe or Magnet Switch Sens TS302: 2 × Connectors for two PT100 Probes or PT100 Probes or PT100			Connector Type	5-pin M12 A-Coded Male Connector	
			Connector Number	TS302: 2 × Connectors for t	wo PT100 Probes or PT100
Configuration Mobile App (via NFC) or PC software (via USB Type-C)	Row B. How B.	Others	Configuration	Mobile App (via NFC) or PC	C software (via USB Type-C)
Data Logging 10, 000 Measurements and Supports to Export as CSV or PDF F			Data Logging	10, 000 Measurements and Supp	orts to Export as CSV or PDF File
LoRaWAN® Temperature Sensor Ingress Protection IP65	LoRaWAN® Temperature Sensor		Ingress Protection	IP	65
Physical Dimension 109.35 × 75 × 20 mm (4.31 × 2.95 × 0.79 in)			Dimension	109.35 × 75 × 20 mm	(4.31 × 2.95 × 0.79 in)
Installation Wall Screw Mounting, Magnetic Mounting (Opt.)			Installation	Wall Screw Mounting, M	agnetic Mounting (Opt.)

		PT100 Probes*	
Model	B05-125-200	AF10-125-150	A05-500-150
Measurement	± 0.5°C (-40°C~40°C), ± 1°C (40°C~125°C)	± 0.4°C (-40°C~125°C)	± 0.5°C (-50°C~500°C)
Cable Length	2m	1.5m	1.5m

* Please contact us for customized probe options according to your specific requirements.

	Magnet Switch Sensor
Detection Distance	20-30 mm
Cable Length	1.5 m (Customizable)
Dimension	32 × 15 × 8 mm (1.25 × 0.59 × 0.31 in)

* Tested under laboratory conditions and for guideline purposes only.

Professional Temperature Monitoring

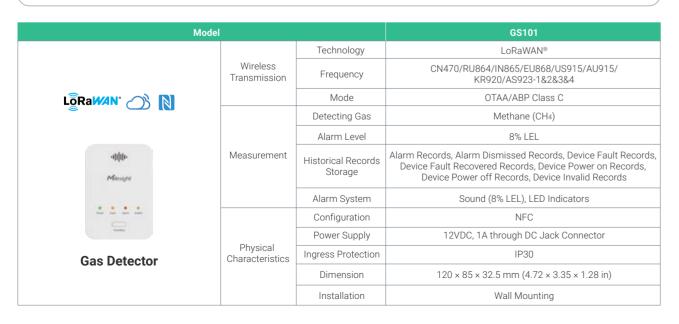
	TS201	
Technology	LoRaWAN®	
Frequency	CN470/ IN865/RU864/EU868/US915/AU915/ KR920/AS923- 1&2&3&4	
Mode	OTAA/ABP Class A	
leasuring Range	-40°C ~ 125°C	
Accuracy	± 0.5°C(-10°C ~ 85°C), ± 2°C(-40°C ~ -10°C, 85°C ~ 125°C)	
Resolution	0.1°C	
Cable Length	1.5 m	
Configuration	NFC	
dvanced Feature	Data Storage, Data Retransmission, Data Retrievability, Abrupt Temperature Change Alarm	
Battery Life	Around 3 Years (25°C, 10 min Interval, SF10) Around 9 Years (25°C, 10 min Interval, SF7)	
Operating Temperature	TS201 Device: -30°C ~ 55°C (-22°F ~ 131°F) Sensor Cable: -40°C ~ 125°C (-40°F ~ 257°F)	
ngress Protection	IP67	
Installation	Wall Screw Mounting, Cable-tie Mounting, Magnetic Mounting (Opt.)	

Sense the Invisible Danger



Overall Features

- Highly-Accurate Monitoring
- Easy Configuration via NFC
- Built-in LED Indicator & Buzzer for Status Indication and Alarming
- LoRaWAN® Wireless Deployment with Low Power Consumption
- Support Data Storage and Retransmission (GS101)





* Tested under laboratory conditions and for guideline purposes only.



Sense the Invisible Danger

	GS301	
chnology	LoRaWAN®, Milesight D2D	
requency	CN470/RU864/IN865/EU868/US915/AU915/ KR920/AS923-1&2&3&4	
Mode	OTAA/ABP Class A	
nonia (NH3)	± 5% (-40 - 35°C), 0 ~ 10 ppm	
ogen Sulfide (H2S)	± 5% (-40 - 35°C), 0 ~ 5 ppm	
mperature	± 0.2°C (-40 - 85°C)	
lumidity	± 2%RH (0 - 100%)	
nfiguration	NFC	
ver Supply*	Easily Replaceable Batteries with up to 3-Year Battery Life	
ss Protection	IP30	
imension	120 × 85 × 32.5 mm (4.72 × 3.35 × 1.28 in)	
rm System	1 × Status/Alarm Indicator + 1 × Buzzer	
stallation	Wall Mounting	

	GS601	
echnology	LoRaWAN®	
requency	CN470/RU864/IN865/EU868/US915/AU915/ KR920/AS923-1&2&3&4	
Mode	OTAA/ABP Class C	
nsor Type & Range	Temperature, -20°C ~ 60°C Humidity, 0% ~ 100% RH Vape Index, 0 ~ 100 TVOC, 0 ~ 2000 μg/m3 PM1.0 & PM2.5 & PM10, 0 ~ 1000 μg/m3	
D & Buzzer	1 × Traffic Light Status Indicator + 1 × Buzzer	
wer Supply	5V/1A by Type-C Port	
perating mperature	-20°C ~ 60°C	
ss Protection	IP30	
imension	Φ 128 × 40 mm (Φ 5.04 × 1.57 in)	
stallation	Ceiling Mounting	

Monitor Conditions and Optimize Controls

EM300 Series - Environment Monitoring Sensor

D2D

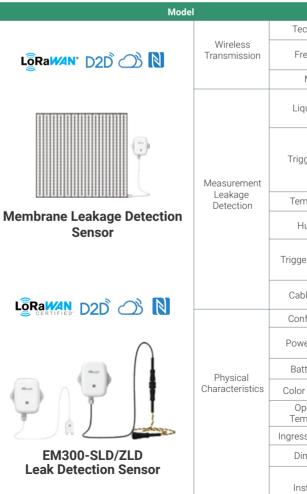
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Overall Features

- Rated at IP67
- Industrial-grade Design
- Battery Life up to 5 Years
- Easy Configuration via NFC
- LoRaWAN[®] Wireless Deployment with Low Power Consumption
- Support Extra Temperature and Humidity Detection (Except UDL&TILT&MLD)

Model			EM300-TH	EM320-TH
LõRaMAN" D2D 🔿 🕅	Wireless Transmission	Technology	LoRaWAN®, Milesight D2D	LoRaWAN®
		Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4	
		Mode	OTAA/ABP Class A	
Phone		Temperature	±0.3°C (0°C ~ 70°C), ±0.6°C (-30°C ~ 0°C)	±0.2°C (-30°C ~ 60°C)
63	Measurement	Humidity	±3%RH (10%RH ~ 90%RH), ±5%RH (below 10%RH and above 90%RH)	±2%RH (0%RH ~ 100%RH)
Temperature & Humidity Sensor		Configuration	NFC	
	Physical Characteristics	Power Supply*	Easily Replaceable Battery with up to 10-Year Battery Life	Easily Replaceable Batteries with over 5-year Battery Life
		Material	-	PC + ABS (Food-Grade)
S CERTIFIED		Operation Temperature	-30°C ~ 70°C	-30°C ~ 60°C
Minipe		Ingress Protection	IP67	
		Dimension	88.5 × 85.3 × 27 mm (3.48 × 3.36 × 1.06 in)	85 × 58 × 18 mm (3.34 × 2.28 × 0.70 in)
Temperature & Humidity Sensor		Installation	Wall Mounting	Wall or Pole Mounting (Standard Version) Magnetic Adsorption (Magnet Version)

 \star Tested under laboratory conditions and for guideline purposes only.



* Tested under laboratory conditions and for guideline purposes only.

Monitor Conditions and Optimize Controls

	EM300-MLD	EM300-SLD	EM300-ZLD	
echnology	LoRaWAN®, Milesight D2D			
requency	CN470/RU864/IN865/EU868/US915/AU915/ KR920/AS923-1&2&3&4			
Mode	OTAA/ABP Class A			
iquid Type	Conductive Liquid (Water, Weak Acid, Weak Base, etc.)	-		
gger Media	400 × 400 × 0.25 mm Printed Leakage- Detecting Film (The size can be customizable)	-		
emperature	-	±0.3°C (0°C ~ 70°C), ±0.6°C (-30°C ~ 0°C)		
Humidity	-	±3%RH (10%RH ~ 90%RH), ±5%RH (below 10%RH and above 90%RH)		
ger Condition	When the Sensing Film Contact Conductive Liquid	When Conducting Liquid Level Reaches 5 mm		
ble Length	1000 mm (Customizable)	1.5 m (Customizable)	3 m (Customizable)	
nfiguration		NFC		
wer Supply*	1 × 4000 mAh ER18505 Li-SOCL2 Battery (Extendable to 2 Batteries)			
attery Life*	Up to 10 Years (One hour Leakage per Day, 25°C)			
or & Material	White Flame, ABS + PC (Retardant)			
)peration emperature	-30°C ~ 70°C			
ss Protection	IP67			
imension	105.6 × 85.3 × 27 mm (4.16 × 3.36 × 1.06 in)			
nstallation	Wall Screw Mounting, 3M Tape Mounting, Cable-Tie Mounting	Wall Mounting		

Monitor Conditions and Optimize Controls

Model			EM300-CL
	Capacitive Level	Compatibility	Insulating Non-metallic Containers (Plastic, Glass, Acrylic, etc.)
	Detection	Cable Length	1m
		Technology	LoRaWAN®
	Measurement	Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
Capacitive Level Sensor		Mode	OTAA/ABP Class A
	Physical Characteristics	Ingress Protection	IP67
		Configuration	NFC Configuration via Mobile App
		Power Supply	1 × 4000 mAh ER18505 Li-S0Cl ₂ Battery
		Battery Life*	Around 10 Years
		Dimension	Transceiver: 105.6 × 85.2 × 27 mm (4.15 × 3.35 × 1.06 in) Electrode Detection Sheet: 505 × 500 × 0.2mm (19.88 × 19.69 × 0.0079 in)
		Installation	Transceiver: Wall Screw Mounting, 3M Tape Mounting Electrode Detection Sheet: Cable-Tie Mounting, 3M Tape Mounting

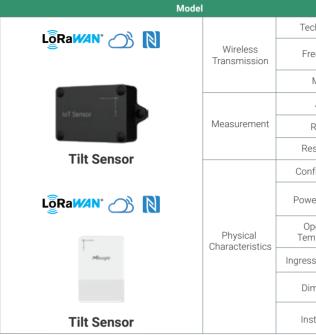
* Tested under laboratory conditions and for guideline purposes only.

Model			EM300-DI
		Technology	LoRaWAN®
	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
LõRalian° D2D 🔿 Ň		Mode	OTAA/ABP Class A
		GPIO	1 x GPIO Interface, Work as Pulse Counter
	Measurement	Temperature	±0.3°C (0°C ~ 70°C), ±0.6°C (-30°C ~ 0°C)
Pulse Counter		Humidity	±3%RH (10%RH ~ 90%RH), ±5%RH (below 10%RH and above 90%RH)
		Configuration	NFC
	Physical Characteristics	Power Supply*	Easily Replaceable Battery with up to 5-Year Battery Life
		Operation Temperature	-30°C ~ 70°C
		Ingress Protection	IP67
		Dimension	105.6 × 85.2 × 27 mm (4.15 × 3.35 × 1.06 in)
		Installation	Screw Mounting, 3M Tape Mounting, Cable-Tie Mounting
* Tastad under laboratory conditions and for quideline purposes only			

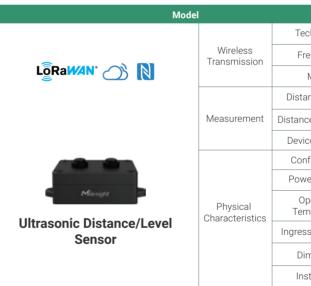
 $\,$ * Tested under laboratory conditions and for guideline purposes only.

Model			EM300-MCS
LõRa <i>iman</i> , D2D 🔿 🕅	Wireless Transmission	Technology	LoRaWAN [®] , Milesight D2D
		Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
S		Mode	OTAA/ABP Class A
		Detection Distance	20-30 mm
	Measurement	Cable Length	1.5 m
Mage	Door Magnet	Temperature	±0.3°C (0°C ~ 70°C), ±0.6°C (-30°C ~ 0°C)
		Humidity	±3%RH (10%RH ~ 90%RH), ±5%RH (below 10%RH and above 90%RH)
7	Physical Characteristics	Configuration	NFC
		Power Supply*	Easily Replaceable Battery with up to 10-year Battery Life
Magnetic Contact Switch		Operation Temperature	-30°C ~ 70°C
		Ingress Protection	IP67
		Dimension	Transceiver: 105.6 × 85.3 × 27 mm (4.16 × 3.36 × 1.06 in) Magnet: 32 × 15 × 8 mm (1.25 × 0.59 × 0.31 in)
		Installation	Wall Mounting

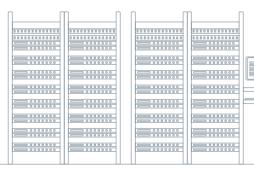
* Tested under laboratory conditions and for guideline purposes only.



* Tested under laboratory conditions and for guideline purposes only.



* Tested under laboratory conditions and for guideline purposes only.



Monitor Conditions and Optimize Controls

	EM310-TILT	EM320-TILT			
echnology	LoRaWAN®				
requency	CN470/IN865/RU864/EU868/US915/AU915 /KR920/AS923-1&2&3&4				
Mode	OTAA/ABP Class A				
Axis	X, Y, Z				
Range	-90°~ +90°(Accuracy : ±1°)				
esolution	0.01°				
nfiguration	NFC				
ver Supply*	Easily Replaceable Batteries with over 5-Year Battery Life	Easily Replaceable Batteries with over 3-Year Battery Life			
)peration mperature	-20°C ~ 60°C	-30°C ~ +60°C			
ss Protection	IP67				
imension	111 × 62 × 33 mm (4.37 × 2.44 × 1.30 in)	85 × 58 × 18 mm (3.34 × 2.28 × 0.70 in)			
stallation	On the Flat Surfaces with Screws	Wall Mounting, Pole Mounting			

	EM310-UDL
echnology	LoRaWAN®
requency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923
Mode	OTAA/ABP Class A
ance Range	± (1+0.3%*S) cm, S=distance (3 ~ 450 cm)
ice Resolution	1 mm
ice Position	Normal/Tilt (Status)
nfiguration	NFC
ver Supply*	Easily Replaceable Batteries with over 10-year Battery Life
)peration mperature	-15°C ~ 60°C
ss Protection	IP67
imension	111 × 62 × 40 mm (4.37 × 2.44 × 1.57 in)
stallation	On the Flat Surfaces with Screws

Revolutionizing Measurement and Monitoring

EM400 Series Distance/Level Measurement Sensor

N 🔿 🛞 NB-IOT Cat M LoRa**WAN**°

Overall Features

- IP67 Rated for Harsh Environment
- LoRaWAN[®] & NB-IoT & CAT-M Versions Available
- 3-Axis Accelerometer for Asset Status Management
- Embedded NTC Thermistor for Fire Alarms
- Replaceable Battery Life up to 10 Years
- Easy Configuration via NFC
- Support Pre-set Modes (TLD/MUD)
- Positioning Function Enabled by GNSS Modules (NB-IoT Version)

Model		EM40	0-TLD	
		Technology	LoRaWAN®	NB-IoT/Cat M
LooRa11/4N° 🔿 🚺 ToF	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/ US915/AU915/KR920/ AS923-1&2&3&4	Cat M1: B1/B2/B3/B4/B5/B8 /B12/B13/B18/B19/B20/B25/ B26/B27/B28/B66/B85 Cat NB2: B1/B2/B3/B4/B5/B8/ B12/B13/B18/B19/B20/B25/ B28/B66/B71/B85
		Mode	OTAA/ABP Class A	TCP/UDP/MQTT/AWS
🛞 NB-IOT Cat M		ToF FoV	2	7°
	Measurement	Range&Accuracy	Range: 2 / Accuracy: ±2 cr Resolutio	~ 350 cm n (-20°C~70°C) on:1 mm
		Temperature	-40°C ~125°C	
		Position	Normal/Tilt	
		Location	-	Longitude & Latitude (GNSS)
Minight	Physical Characteristics	Configuration	NFC	
ToF Laser Distance Sensor		Battery Life*	Around 10 years (Standard Mode -10min Interval, Bin Mode -20min Interval, 25°C)	TCP/UDP—Around 10 Years MQTT/AWS—Around 5 Years (4 Times Report Per Day, Per Report Includes 12 Packages with 30-min Collection Interval, 25°C)**
		Ingress Protection	IP	67
		Installation	On the Flat Surf	ace with Screws

*Tested under laboratory conditions and for guideline purposes only. **PSM is required for SIM card and will be impacted by cellular base station signals.

Mode	I	EM400-MUD		
		Technology	LoRaWAN®	NB- IoT/Cat M
	Wireless Transmission	Frequency	CN470/ IN865/RU864/EU868/ US915/AU915/KR920/ AS923- 1&2&3&4	Cat M1: B1/B2/B3/B4/B5/B8/ B12/B13/B18/B19/B20/B25/ B26/B27/B28/B66/B85 Cat NB2:B1/B2/B3/B4/B5/B8/ B12/B13/B18/B19/B20/B25/ B28/B66/B71/B85
		Mode	OTAA/ABP Class A	TCP/UDP/MQTT/AWS
B-IoT Cat M		Detection Range	3 ~ 4	50 cm
Contraction Out in		Detection Accuracy	± (1+0.3%*S) cm (-15°C ~ 60°C), S=distance	
	Measurement	Temperature	-40°C ~125°C	
		Position	Normal/Tilt	
		Location	-	Longitude & Latitude (GNSS)
		Configuration	NFC	
Multifunctional Ultrasonic Distance Sensor	Physical Characteristics	Battery Life*	Standard Mode: >10 years (10min Interval, 25°C) Bin Mode: >10 years (20min Interval, 25°C) Parking Lot Mode: 5 years (12 Triggers Per Day, 25°C)	TCP/UDP—Around 10 Years MQTT/AWS—Around 5 Years (4 Times Report Per Day, Per Report Includes 12 Packages with 30 min Collection Interval, 25 C)**
		Operation Temperature	-30°C ~ +70°C	
		Ingress Protection	IP	67
		Dimension	118 × 65 × 32.5 mm	
		Installation	On the Flat Surface with Screws	
			*Tostad under laboratory con	ditions and for quidaling purpasse only

Mode		EM40	0-UDL			
	Wireless Transmission	Technology	LoRaV	/AN®	NB- IoT	/Cat N
		Frequency		RU864/EU868/ 015/KR920/ &2&3&4	Cat M1: B1/B2, /B12/B13/B18/ B26/B27/B2 Cat NB2: B1/B2, B12/B13/B18/I B28/B66/	B19/E20/B25/ 28/B66/B85 /B3/B-1/B5/B8/ B19/B20/B25/
		Mode	OTAA/ABF	P Class A	TCP/UDP/N	IQTT/AWS
B-IOT Cat M		Model	Standard	Pro	Standard	Pro.
	Measurement	Detection Range	C050: 25 ~ 500 cm C100: 25 ~ 1000 cm	W050: 30 ~ 500 cm W100: 50 ~ 1000 cm	C050: 25 ~ 500 cm C100: 25 ~ 1000 cm	V 050. 30 ~ 500 cm W100: 50 ~ 1000 cm
		Detection Accuracy	± (1+0.3%*S) cm, S=distance (- 15°C ~ 60°C)*	± 1% FS (- 30°C ~ 65°C)	± (1+0.3%*S) cm, S=distance (- 15°C ~ 60°C)*	± 1% FS (- 30°C ~ 65°C)
		Temperature	-40°C ~ +125°C			
Minupt		Position	Normal/Tilt			
		Location	- Longitude & Latitude (GN			ititude (GNSS)
		Configuration	NFC			
Ultrasonic Distance Sensor	Physical Characteristics	Battery Life**		 > 10 Years (10min Interval, 25°C) TCP/UDP-Around MQTT/AWS-Aroun (4 Times Report Per Report Includes 12 I with 30-min Collectio 25°C)*** 		Around 5 Years ort Per Day, Per es 12 Packages llection Interval,
		Operation Temperature	-30°C ~70°C			
		Ingress Protection		IP	67	
		Installation	On the Flat Surface with Screws			
	*This accuracy is applicable to the measuring range of 25~800cm.					

Revolutionizing Measurement and Monit

*Tested under laboratory conditions and for guideline p **PSM is required for SIM card and will be impacted by cellular base st

Tested under laboratory conditions and for guideline purposes only. *PSM is required for SIM card and will be impacted by cellular base station signals

Reliable Data Collection for Long-term Remote Operation

Reliable Data Collection for Long-term Remote Operation

EM500 Series - Outdoor Environment Monitoring Sensor

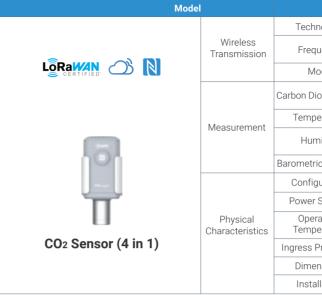
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LôRaWAN



- IP67 Rated and UV Resistance
- Replaceable Battery Life up to 10 Years
- Easy Configuration via NFC
- Wide Measuring Range with Higher Accuracy
- LoRaWAN[®] Wireless Deployment with Low Power Consumption



Model		EM500-LGT	
		Technology	LoRaWAN®
	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
		Mode	OTAA/ABP Class A
	Measurement	Light	0 ~ 100000 lux
	weasurement	Accuracy	±3%
		Configuration	NFC, USB Type-C Port
		Power Supply*	Built-in 19000 mAh Can be Used for up to 10 Years
	Physical	Operation Temperature	-30°C ~ 60°C
	Characteristics	Ingress Protection	IP67 (Transceiver)/IP65 (Light Sensor)
Light Sensor	>	Dimension	Transceiver: 105.4 × 71 × 69.5 mm (4.1 × 2.8 × 2.7 in) Light Sensor: 64 × 58 × 34 mm (2.5 × 2.3 × 1.3 in) Cable Length: 3 m
-	-	Installation	Pole, Wall or DIN Rail Mounting



	EM500-CO ₂
chnology	LoRaWAN®
equency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
Mode	OTAA/ABP Class A
Dioxide (CO ₂)	± (30 ppm + 3% of reading), 400 - 5000 ppm (0°C ~ 50°C, 0~85%RH)
nperature	±0.3°C (0°C ~ 70°C), ±0.6°C (-30°C ~ 0°C)
lumidity	±3%RH (10%RH ~ 90%RH), ±5%RH (below 10%RH and above 90%RH)
etric Pressure	±1 hPa, 300 ~ 1100 hPa (-40°C ~ 85°C)
figuration	NFC, USB Type-C Port
er Supply*	Built-in 19000 mAh Can be Used for up to 10 Years
peration nperature	-30°C ~ 70°C
s Protection	IP65
nensions	147.9 × 71 × 69.5 mm (5.8 × 2.8 × 2.7 in)
stallation	Pole, Wall or DIN Rail Mounting

* Tested under laboratory conditions and for guideline purposes only.

* Tested under laboratory conditions and for guideline purposes only.

	EM500-PP
chnology	LoRaWAN®
requency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
Mode	OTAA/ABP Class A
ssure Type	Gauge Pressure
Range	± 0.5% FS, 0 - 1600 kPa (16 Bar)
)verload	150% FS
term Stability	± 0.3% FS/year
nfiguration	NFC, USB Type-C Port
ver Supply*	Built-in 19000 mAh Can be Used for up to 10 Years
peration mperature	-30°C ~ 70°C (Transceiver)/ -10°C ~ 70°C (Pipe Pressure Sensor)
ss Protection	IP67 (Transceiver)/IP65 (Pipe Pressure Sensor)
imension	Transceiver: 105.4 × 71 × 69.5 mm (4.1 × 2.8 × 2.7 in) Pipe Sensor: 67.5 × Φ27 mm (2.7 × Φ1.1 in) Cable Length: 1.5 m
stallation	Pole, Wall or DIN Rail Mounting
	* Tested under laboratory conditions and for guideline purposes only

Milesight IoT Product Catalogue 38

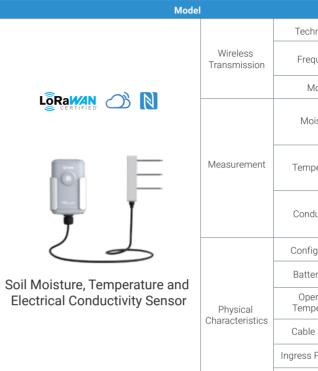
Reliable Data Collection for Long-term Remote Operation

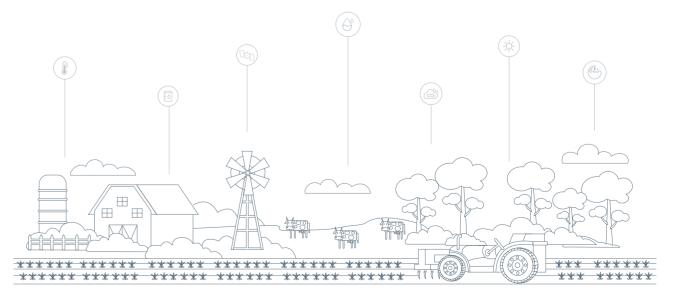
Mode		EM500-PT100	
	Wireless Transmission	Technology	LoRaWAN®
		Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4
		Mode	OTAA/ABP Class A
		Connection Type	3-wire connection
	Measurement	Range	T050: -200°C ~ 50°C, T500: -50°C ~ 500°C T200: -50°C ~ 200°C, T800: -50°C ~ 800°C (Customizable from -200°C ~ 800°C)
		Accuracy	±0.5°C
	Physical Characteristics	Configuration	NFC, USB Type-C Port
•		Power Supply*	Built-in 19000 mAh Can be Used for up to 10 Years
		Operation Temperature	-30°C ~ 70°C
la du staist Tenen sustano Osus su		Ingress Protection	Transceiver: IP67, Sensor: Differ Based on Temperature Ranges
Industrial Temperature Sensor		Dimension	105.4 × 71 × 69.5 mm (4.1 × 2.8 × 2.7 in)
		Probe Type	Straight Tube (Customizable)
		Cable Length	1.5 m (Customizable)

* Tested under laboratory conditions and for guideline purposes only.

Model		EM500-UDL	EM500-SWL	
		Technology	LoRa	WAN®
	Wireless Transmission	Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4	
		Mode	OTAA/AB	P Class A
		Pressure Type	-	Gauge Pressure
Ultrasonic Distance/Level	Measurement	Range & Accuracy	W050: 0.3 ~ 5 m, ±1% FS W100: 0.5 ~ 10 m, ±1% FS S050: 0.3 ~ 5 m (Snow Version), ±1% FS C050: 0.25 ~ 5 m, ± (1+0.3%*S) cm, S=Distance C100: 0.25 ~ 8 m, ± (1+0.3%*S) cm, S=Distance	± 0.5% FS, (0 ~ 3m/5m/10m (H2O)) (Customizable up to 200 m and for Other Liquids)
Sensor		Long-term Stability	-	≤ ± 0.3% FS/Year
	Physical Characteristics	Configuration	NFC, USB Type-C Port	
		Power Supply*	Built-in 19000 mAh Can be Used for up to 10 Years	
		Operation Temperature	W050/W100/S050: -30°C ~ 65°C C050/C100: -15°C ~ 60°C	-30°C ~ 70°C (Transceiver) -10°C ~ 70°C (Level Sensor)
ō		Ingress Protection	IP67	IP67 (Transceiver)/ IP68 (Level Sensor)
ubmersible Water Level Sensor		Dimension	156.1 × 71 × 69.5 mm (6.1 × 2.8 × 2.7 in)	$\begin{array}{c} \text{Transceiver:}\\ 105.4 \times 71 \times 69.5 \text{ mm}\\ (4.1 \times 2.8 \times 2.7 \text{ in})\\ \text{Level Sensor:}\\ 140 \times \varphi 28 \text{ mm} (5.5 \times \varphi 1.1 \text{ in})\\ \text{Cable Length:}\\ \text{At Least 1} \sim 1.5 \text{ m Longer}\\ \text{than Measuring Range} \end{array}$
		Installation	Pole, Wall or DI	N Rail Mounting

* Tested under laboratory conditions and for guideline purposes only.





Reliable Data Collection for Long-term Remote Operation

	EM500-SMTC
Technology	LoRaWAN®
Frequency	CN470/ IN865/RU864/EU868/US915/AU915/ KR920/AS923- 1&2&3&4
Mode	OTAA/ABP Class A
Moisture	Range: 0% ~ 100% RH Accuracy: ±2%(0~50%), ± 3%(50%~100%) Resolution: 0.01%
Temperature	Range: -40°C ~ 80°C Accuracy: ±0.5°C Resolution: 0.1°C
Conductivity	Range: 0~20000 μs/cm Accuracy: ±3%(0~10000 μs/cm), ±5%(10000~20000 μs/cm) Resolution: 1 μs/cm
Configuration	NFC, USB Type-C Port
Battery Life*	Built-in 19000 mAh Can be Used for up to 10 Years
Operation Temperature	-30°C to +70°C
Cable Length	2m
gress Protection	IP67 (Transceiver)/IP68(Soil Sensor)
Installation	Pole, wall or DIN Rail Mounting

 \star Tested under laboratory conditions and for guideline purposes only.

Smart Current Transformer

CT Series

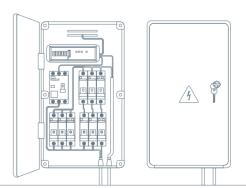
LoRaWAN°

Model Te Wireless Fre Transmission Detecti Rate Measurement Rated Pow Ingres Ins Physical Characteristics Op Ter Smart Current Transformer Flamm Storage

Mode	I	СТ305	CT310	
	Wireless Transmission	Technology	LoRaV	VAN®
LõRaMAN*		Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4	
		Mode	OTAA/ABF	P Class A
		Detection Parameter	RMS C	urrent
	Measurement	Rated Primary Current	500 Arms	1000 Arms
Smart Current Transformer	weasurement	Rated Secondary Current	30 Arms	60 Arms
		Sampling Frequency	3.3 kHz	
<u> </u>	Temperature Sensor	Sensor Type	NTC	
LoRaWAN		Range	20°C ~ 100°C	
		Accuracy	±1 %	
	Others	Configuration	Type-C USB	
		Power Supply	Induced current power supply	
	Physical Characteristics	Cable Length	1m	
Smart Current Transformer	Gharactenstics	Installation	Transceiver: Cable-tie Mounting (under integrated mode CT Clamp: Suspended on the Testing Conductor	



- Powered by the Circuit under Test, No Batteries Required
- Non-intrusive and Quick Installation without Damaging Circuits or Shutting Down the Power Supply
- Support Sampling Frequencies up to 3.3khz for More Accurate Current Measurements
- Determines the General Direction of Energy Consumption and Automatically Calculates Cumulative Ampere-Hour Values Once per Second
- Compact Design Makes It Easy to Install Even in Tight Quarters



	CT101	CT103			
echnology	LoRaWAN®				
Frequency	CN470/IN865/RU864/EU868/US915/AU915/ KR920/AS923-1&2&3&4				
Mode	OTAA/AB	P Class A			
tion Parameter	RMS C	Current			
ted Primary Current	100 Arms	300 Arms			
d Secondary Current	100 Arms	150 Arms			
wer Supply	Induced Current Power Supply				
ess Protection	IP30				
nstallation	Open Current Clamp, Suspended on the Conductor under Test				
Operating emperature	-20°C ~ 70°C				
mability Rating	UL94-V0				
je Temperature	-25°C ~ +80°C				



Protect and Manage Critical Assets at All Times

- Highly-Accurate GNSS Positioning
- Cooperate with Wi-Fi Positioning
- Support Geofencing
- IP67 Rated & IK09 Rated

- Provide Motion/Periodic/Timing Modes
- Easy Configuration via NFC or Bluetooth
- Support Data Storage and Retransmission
- Embedded 3-Axis Accelerometer & NTC Thermistor

Model			AT101
		Technology	LoRaWAN®
	Wireless Transmission	Frequency	CN470/ IN865/RU864/EU868/US915/AU915 /KR920/AS923-1&2&3&4
LoRallan' Ŋ 👳 GNSS 🛜 🚷		Mode	OTAA/ABP Class A
		Positioning	GNSS Resolution: 0.000001(Longitude/Latitude) Accuracy: 5.0m (Direct Line of Sight)
	Measurement		Wi-Fi Wi-Fi Parameters: BSSID, RSSI Wi-Fi Standard: 802.11b/g/n 2.4GHz
		Motion	Normal/Tilt
Manar		Temperature	-40°C ~ 125°C
	Others	Configuration	NFC, Bluetooth [®] 5.3
Outdoor Asset Tracker	Physical Characteristics	Battery Life*	Twice Daily Location Updates - 15+ Years Tenth Daily Location Updates - 8+ Years Hourly Location Updates - 4+ Years
		Ingress Protection	IP67
		Impact Protection	IK09
		Installation	Wall Screw Mounting, 3M Tape Mounting, Cable-tie Mounting

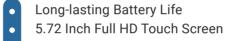
High Capacity, Long Endurance, Plug and Play

- Capacity up to 12000mAh & IP67 Rated & IK08 Rated
 - Data Protection & Plug and Play
- Equip with Heating Film for Protecting Battery in Low-Temperature Environment Up to 32 Hours' Supplement

Model			Type-C Version	M12 Version
🗥 IP67 📑 12000mAh		Power Input	9~20V-2A	
	Power	Input Connector	DC Jack Female Connector	
		Power Output	5V-4A	6~8.4V-1.5A
		Output Connector	Type-C	4-Pin M12 A-Coded Female
00		Battery Capacity	4 x 3000mAh Lithium-ion Rechargeable Batteries	
Uninterruptible Power Supply		Battery Supply Time*	б ~	32h

* Tested under laboratory conditions and for guideline purposes only.

Overall Features



Full Frequency Band Testing Capability

Model		
		Antenr
		Fr
	LoRaWAN®	Se
		Max C
		Cor Pa
2		N
	Hardware	Opera
		Extend
		В
	Interfaces	
Milesight Field Tester		
Wilesight Field Tester		Mi
		IVII
	Physical	Pov
	Characteristics	Di
		In





Real-Time Network Signal Testing and Analysis Records Signal Test Results with GPS Location Seamless Report Export and Data Analysis

	FT101
enna Connector	$1 \times 50 \ \Omega$ SMA Female Connector
Frequency	CN470/ IN865/RU864/EU868/US915/AU915 /KR920/AS923- 1&2&3&4
Sensitivity	-137dBm@125kHz, SF=12
Output Power	19dBm (470 MHz) /16dBm (868 MHz)/22dBm (915 MHz)
Configurable Parameter	Frequency Channel, ADR, Spreading Factor, Tx Power
CPU	Octa-core MTK6762, 2 GHz
Screen	5.72-inch TP LCD Touch Screen
Memory	4GB RAM + 64GB ROM
erating System	Android 12.0
NFC	Support ISO/IEC 14443A Protocol, Reading Distance: 1-3cm
ndable Storage	1 × Micro SD Slot Support up to 256G
Wi-Fi	IEEE 802.11 b/g/n, 2.4 GHz IEEE 802.11 a/n/ac, 5 GHz
Bluetooth	Bluetooth 4.0 (BLE)
Cellular	SIM Card Slot: 1 × Nano SIM Frequency Bands: LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B39/B40/B41 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
GNSS	GPS/Glonass/Beidou/Galileo
Speaker	8Ω/0.8W
Microphone	Sensitivity -42db, Output Impedance 2.2k Ω
USB	1 x USB 3.0 Type-C Port for Power & OTG
ower Supply	Built-in 4.3V/4300mAh Lithium-iron Chargeable Battery 5V-mby USB Type-C
Dimension	Φ 128 × 40 mm (Φ 5.04 × 1.57 in)
Installation	Ceiling Mounting
	1

Measure Atmospheric Conditions Precisely

Overall Features

- IP65 Rated for WTS Sensors & IP67 Rated for WTS Hub
- Research-Grade Measurement
- Solar-Powered & Chargeable Batteries Backup for Better Operation
- Support Normal Work for 7 Days without Sunlight
- Support Retransmission for Reliable Communication

Model

Store Capacity with 19,000 Sets of Historical Data Records



IoT Weather Station

		W13300
	Temperature	±0.3°C, (-40°C ~ 85°C)
	Humidity	±3% RH (0% ~ 100%)
	Wind Direction	±3° (0° ~ 360°), 1°
WTS Sensors	Wind Speed	±0.3 m/s or ±3% (0 ~ 60 m/s)
	Barometric Pressure	±0.5 hPa (500 ~ 1100 hPa)
	Rainfall	±0.5 mm (< 10 mm), ±5 %(>10 mm)
WTS Hub	LoRaWAN® Frequency	CN470/RU864/IN865/EU868/US915/ AU915/KR920/AS923-1&2&3&4
	LoRaWAN® Work Mode	OTAA/ABP Class A
Solar Panel	Open-Circuit Voltage	18 V (± 0.3 V)
	Rated Voltage	15 V (±0.3 V)
	Maximum Power	15 W (±5%)
	Configuration	NFC, USB Type-C Port
Physical Characteristics	Power Supply	Solar Powered (15 W, 1 A) & 2 × 2550 mAh Replaceable Batteries Backup
	Ingress Protection	IP65 (WTS Sensors), IP67 (WTS Hub)
		φ160 x 263 x φ73 mm
	Dimension	116 × 116 × 45.5 mm (WTS Hub) 343 × 283 × 16.5 mm (Solar Panel)
	Installation	Pole Mounting (WTS Sensor, Solar Panel) Screw Mounting (WTS Hub)

Bring Data Acquisition & Remote Control with Ease



Overall Features

•	Wide Measuring Range with Higher Accuracy
•	LoRaWAN® Wireless Deployment with Low P
•	Integrated Rich Interfaces (UC300/UC50x/U
•	Data Collection up to 16 Registers for Variou
•	Autonomous Operation when the Network is
•	Milesight D2D with Communication Latency
•	Solar Powered and Built-In Batteries for Flex
•	IP67 Rated and UV Resistance Enclosure wit

Power Consumption JC51x) us Usage (UC100/UC300) Unavailable (UC100/UC300) to <1 Sec (UC100/UC300/UC51x) (ible Power Supply Options (UC50x/UC51x) ith M12 Connectors (UC50x/UC51x)

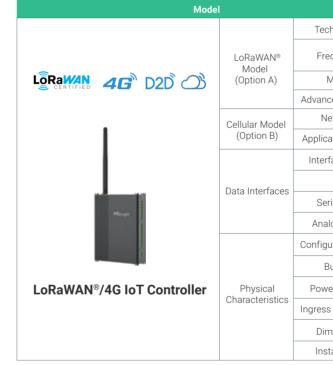
Bring Data Acquisition & Remote Control with Ease

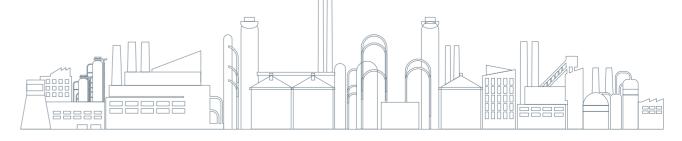
Bring Data Acquisition & Remote Control with Ease

Model			UC501	UC502
	LoRaWAN® Model	Technology	LoRaWAN®	
		Antenna	Internal Antenna or External Antenna (Hardware Optional) External Antenna (EA) Version: 1 × 50 Ω SMA Female Connecto	
		Frequency	CN470/IN865/EU868/RU864/US915/AU915/ KR920/AS923-1&2&3&4	
		Mode	OTAA/ABP Class A, Class C	OTAA/ABP Class A
LORAMAN" ON NB-IOT CAT M		Technology	NB-IoT	/Cat. M
OB N	Cellular Model	Antenna	Internal	Antenna
		Application Mode	TCP/UDP/MQTT/AWS	
		Interface Type	M12 A-Coded Male	
	Data Interfaces	I0 Port	2 × GPIO	
		Serial Ports	1 × RS232 or RS485 (Switchable) (Transparent/Modbus RTU)	
		Analog Input	2 x 4 ~ 20 mA (or 0 ~ 10 V) (Switchable)	
		SDI-12	1 × SDI-12 (V1.4)	
MULT-AVERAGE Barried		Power Output	2 × 3.3 V@Max 100mA, 2 × 5/9/12 V@Max 100 mA (Switchabl	
	Physical Characteristics	Configuration	NFC	
Multi-Interface Controller		Power Supply	 2 × Chargeable Batteries Solar Powered (6 V, 1.7 W) 5 ~ 24 VDC 	 3 × 9000 mAh Replaceable Batteries 5 ~ 24 VDC
		Operation Temperature	-20°C ~ +60°C	-30°C ~ +70°C
		Ingress Protection	IP67	
		Dimension	116 × 116 × 45.5 mm	(4.56 × 4.56 × 1.79 in)
		Installation	Wall or Pole Mounting	

Model			UC511	UC512
	Wireless Transmission	Technology	LoRaWAN®	
		Antenna	Internal Antenna or External Antenna (Hardware Optional) External Antenna (EA) Version: 1 \times 50 Ω SMA Female Connecto	
		Frequency	CN470/IN865/EU868/RU864/US915/AU915/ KR920/AS923-1&2&3&4	
CERTIFIED DED		Mode	OTAA/ABP Class A, Class B, Class C, Class C to B	OTAA/ABP Class A, Class B
	Data Interfaces	Interface Type	M12 A-Coded Male	
and the second		Solenoid Interface	2 × Solenoid Interfaces, 12 VDC Switchable	
		GPIO Interface	2 × GPIO Interfaces (Digital Input, Pulse Counter)	
	Physical Characteristics	Configuration	NFC, USB Type-C Port	
		Power Supply	 Solar Powered (6V, 1.7W) 2 × Chargeable Batteries 5-24 VDC (EA Version Only) 	3 × 9000 mAh Replaceable Batteries
LoRaWAN® Solenoid Valve Controller		Operation Temperature	-20°C ~ +60°C	-30°C ~ +70°C
		Ingress Protection	IP67	
		Dimension	116 × 116 × 45.5 mm (4.56 × 4.56 × 1.79 in)	
		Installation	Wall or Pole	e Mounting

Model			UC100
		Technology	LoRaWAN [®] , Milesight D2D
	Wireless Transmission	Frequency	CN470/IN865/EU868/RU864/US915/AU915/ KR920/AS923-1&2&3&4
LoRaWAN' D2D 🔿	Tunomoolon	Mode	OTAA/ABP Class C
		Advanced Feature	Milesight D2D Controller/Agent
	Data Interfaces	Connector	3.5 mm Terminal Block Connector
Manager		Port	1 × RS485
		Protocol	Modbus RTU, Support Reading 16 Register Values
		Configuration	USB Type-C Port
Modbus to LoRaWAN® IoT		Power Supply	 5 ~ 24 VDC by Terminal Block 5 VDC by Type-C Port
Controller	Physical Characteristics	Power Consumption	< 0.5 W
		Ingress Protection	IP30
		Dimension	70 × 45 × 13 mm (2.75 × 1.77 × 0.51 in)
		Installation	Desktop, Wall Mounting





	UC300
chnology	LoRaWAN®, Milesight D2D
requency	CN470/IN865/EU868/RU864/US915/AU915/ KR920/AS923-1&2&3&4
Mode	OTAA/ABP Class C
nced Feature	Milesight D2D Controller/Agent
letwork	4G LTE/3G/2G
cation Mode	TCP/UDP/MQTT/AWS/Milesight IoT Cloud/SMS
rface Type	3.5 mm Terminal Block
10	$4 \times DI + 2 \times DO$
erial Port	1 × RS232(Transparent) + 1 × RS485(Transparent, Modbus RTU)
alog Input	2 × 4 ~ 20 mA, 2 × 0 ~ 10 V, 2 × PT100 RTD Input
guration Port	USB Type-C port
Built-in	Watchdog, Timer
ver Supply	5 ~ 24 VDC
s Protection	IP30
mension	93 × 70 × 22 mm (3.66 × 2.76 × 0.87 in)
stallation	Desktop, Wall Mounting, DIN Rail Mounting

Milesight IoT Cloud

Milesight IoT Cloud provides unparalleled levels of vertical integration with Milesight LoRaWAN[®] devices.

DeviceHub

Milesight DeviceHub is a platform which is designed to provide a high-efficiency, low maintenance solution to easily deploy Milesight IoT devices (especially industrial cellular routers) across multiple locations, reducing complexity and increasing productivity.

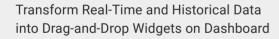


Built on AWS to Provide Confidential and Reliable Infrastructure



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and Upgrade Is Done



Email and Mobile Push Notifications based on Triggered Events

Control Access and Monitor Projects from Anywhere



Large Scale Deployment

Real-Time Monitoring

Comprehensive Report

MilesightVPN

MilesightVPN is a web-based VPN monitoring and management platform



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