



At Milesight we are passionate about the connectivity of “things” to the cloud. We leverage the value of the top trending technologies that transform the world we live in and are committed to our partners who share the same passion. We believe that the complexity of data collection, storage and retrieval can be simplified into the Cloud-intelligence. Our development and distribution of these appliances and services demonstrates our commitment to the digital transformation and continues to deliver compelling connectivity for IoT world.

## Contents

### LoRaWAN® Gateway

UG65/UG67

### Ambience Monitoring Sensors

AM104/AM107

### Environment Monitoring Sensor

Temperature & Humidity Sensor EM300-TH  
Leak Detection Sensor EM300-SLD/ZLD  
Magnetic Contact Switch EM300-MCS

### Outdoor Environment Monitoring Sensor

EM500 series  
Soil Moisture, Temperature and Electrical Conductivity Sensor EM500-SMT  
Light sensor EM500-LGT  
Pipe Pressure Sensor EM500-PP  
Submersible Water Level Sensor EM500-SWL  
Industrial Temperature Sensor EM500-PT100  
CO<sub>2</sub> Sensor (4 in 1) EM500-CO<sub>2</sub>  
Ultrasonic Distance/Level Sensor EM500-UDL

### Outdoor LoRaWAN Controller

UC501/UC502

### Compact Controller

4G/LoRa

### Milesight IoT Cloud

### Industrial Cellular Router

UR3x & UR75-5G

### Connectivity Suite



UG65



UG67\*



AM100 series



EM300 series



EM500 series



UC500 Series



Compact  
LoRaWAN Controller



UR32



UR35



UR75 5G

# LoRaWAN<sup>®</sup> Gateway

UG65 Indoor Gateway/UG67 Outdoor Gateway



### Embedded Network Server

- Real-time data collection & processing
- Receiving data from multiple Milesight gateways
- Save investment of external network service



### Industrial Design

- IP65/IP67 waterproof
- PoE powered device
- -40°C to 70°C operating temperature



### Powerful LoRa Capabilities



- Semtech SX1302 LoRa chip
- Up to 15 kilometers range
- High capacity of up to 2000 nodes
- Support CN470/EU868/US915/AS923 and more



### Optimized Packet Forwarder

- Forwarding data to multiple network servers simultaneously
- Strengthened security and efficiency of data delivery to TTN, Lorient and ChirpStack



## Specifications

Model		UG65	UG67*
Product			
LoRaWAN	Channel	8	
	Frequency	CN470/RU864/IN865/EU868/US915/AU915/KR920/AS923	
	Sensitivity	-140dBm Sensitivity @292bps	
	Output Power	27 dBm Max	
Hardware	Protocol	V1.0 /V1.0.2/V1.1.0, Class A and Class C	
	Processor	Quad-core 1.5GHz, 64-bit ARM Cortex-A53	
	Memory	512 MB DDR4	
	Flash	8 GB eMMC (pSLC mode)	
	Power Supply	9 ~ 48 VDC PoE PD (Optional)	
Connectivity	Ingress Protection	IP65	IP67
	Cellular	1 x SIM Slot, Support Global GSM/3G/4G LTE Frequency Bands	
	Wi-Fi	IEEE 802.11b/g/n(Optional)	
	Ethernet	1 x 10/100/1000 Mbps	
	GPS	Optional	

\*Coming Soon




# Indoor Ambience Monitoring Sensors

-  Temperature & Humidity
-  Motion (PIR)
-  Light
-  Barometric Pressure
-  TVOC
-  CO<sub>2</sub>



Milesight AM100 Series consists of multiple smart sensors that are built specifically for indoor ambience measurements. It has a clean and modern design that makes it discrete in indoor ambience.

-  **Clean and Modern Design**  
Bring “less is more” concept to indoor or HVAC environment
-  **Multiple Sensors in One**  
Temperature, humidity, motion (PIR), CO<sub>2</sub>, TVOC, barometric pressure
-  **Configure with One Touch**  
NFC technology enables easy configuration and on/off operation
-  **Better Readability than LCD Monitor**  
E-ink technology offers high display clarity and sunlight visibility
-  **Low Power Consumption**  
AA alkaline batteries can last for 1 year and ensure low maintenance cost
-  **Smart Screen Mode**  
Screen will stop updating data if no motion is detected continuously for 20 minutes, which will save more power and prolong the use life of batteries.
-  **Compliant with ToolBox & Milesight IoT Cloud**  
Manage and configure your sensor easily

Model		AM107	AM104	
Hardware	Frequency	CN470/RU864/IN865/EU868/US915/AU915/KR920/AS923		
	Tx Power	17dBm (470) / 16dBm (868) / 20dBm (915)		
	Sensitivity	-147dBm @300bps		
	Mode	OTAA/ABP		
	Power Supply	2 × AA alkaline batteries/Powered by Type C port		
	Battery Lifetime	1 year (SF7), 0.9 year (SF10)	1.5 year (SF7), 1.2 year (SF10)	
Sensors	Temperature	Range	-20°C to + 70°C	
		Accuracy	±0.3°C (0 ~ 70°C), ±0.6°C (-20 ~ 0°C)	
	Humidity	Range	0% to 100% RH	
		Accuracy	±3% RH (10 ~ 90%), ±5% RH (0 ~ 10%, 90 ~ 100%)	
	PIR	Detection Area	94° Horizontal, 82° Vertical	
		Detection Distance	5 m	
	Light	Range	60000 lux (Visible + IR, IR)	
		Accuracy	±30%	
	CO <sub>2</sub>	Range	400 ~ 5000 ppm	
		Accuracy	±30 ppm or ±3% of reading	
TVOC	Range	0 ~ 60000 ppb (total VOC)		
	Accuracy	±15% of reading		
	Long-term Stability	1.3% accuracy drift per year		
Barometric Pressure	Range	300 ~ 1100 hPa (-40 ~ 85°C)		
	Accuracy	±1 hPa		

# Environmental Monitoring Sensors

EM300 Series



Featuring a simple yet modern design, compact size and waterproof capability, EM300 series are ideal to fit into the indoor or outdoor environment.



## Configure with One Touch

NFC technology enables easy configuration and on/off operation



## Low Power Consumption

Dual batteries (one battery by default) can last up to 10 years



## Compliant with ToolBox & Milesight IoT Cloud

Manage and configure your sensor easily



## Compact & Waterproof

Small size with an IP67 rating enclosure

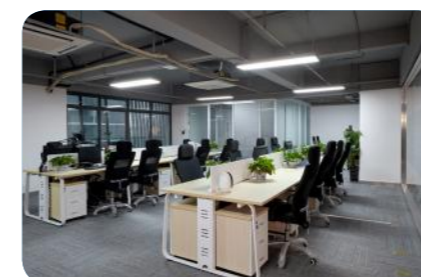


## 100% Wire-Free

Up to 15 km wireless communication range

**EM300-TH Temperature & humidity sensor** is a sensor suitable for indoor and outdoor temperature and humidity monitoring. It can be widely used in office areas, greenhouses, houses and other environments.

Specifications	
Protocol	LoRaWAN®
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923
Temperature	±0.3°C (0 ~ 70°C), ±0.6°C (-30 ~ 0°C)
Humidity	±3% RH (10 ~ 90%), ±5% RH (0 ~ 10%, 90 ~ 100%)
Power Supply	ER18505 Li-SOCl <sub>2</sub> Battery (4000 mAh/8000 mAh)
Operating Temperature	-30 ~ 70°C
Ingress Protection	IP67
Dimensions	88 x 87 x 27 mm (3.46 x 3.42 x 1.06 in)



Office



Greenhouse



Residence



# Leak Detection Sensor

Preventing assets away from water damage



The **EM300-SLD/ZLD** offers reliable performance to detect presence of water or other liquids, by remote alerting you the potential water leak before the issue becomes too serious, thus helping to prevent costly water damage.

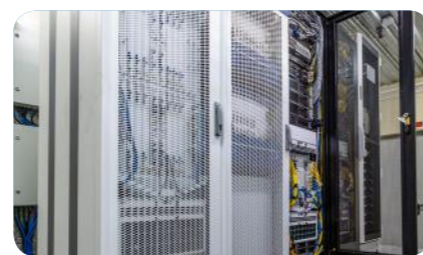
Model	EM300-SLD	EM300-ZLD
Sensor Type	Probe	Rope
Cable Length	1.5 m	3 m
Temperature	±0.3°C (0 ~ 70°C), ±0.6°C (-30 ~ 0°C)	
Humidity	±3% RH (10 ~ 90%), ±5% RH (0 ~ 10%, 90 ~ 100%)	
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923	
Power Supply	ER18505 Li-SoCl <sub>2</sub> Battery (4000 mAh/8000 mAh)	
Ingress Protection	IP67	
Dimensions	88 x 87 x 27 mm (3.46 x 3.42 x 1.06 in)	



Hospital



Warehouse



Server Room

# Magnetic Contact Switch

Door/window status Monitoring



The **EM300-MCS** can be mounted to any door or window to detect an opening or closing event. It adds physical security monitoring to your location by alarming for intrusion or unauthorized entry to your monitored conditions.

Specifications	
Sensing Distance	20 ~ 30 mm
Hole Distance	22 mm
Cable	ULI 1007 22AWG, 260mm
Temperature	±0.3°C (0 ~ 70°C), ±0.6°C (-20 ~ 0°C)
Humidity	±3% RH (10 ~ 90%), ±5% RH (0 ~ 10%, 90 ~ 100%)
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923
Power Supply	ER 18505 Li-SOCl <sub>2</sub> Battery (4000 mAh/8000 mAh)
Ingress Protection	IP67
Dimensions	88 x 87 x 27 mm (3.46 x 3.42 x 1.06 in)



Fire Door



Library



Residence











# Outdoor Environment Monitoring Sensor



The EM500 series are LoRaWAN sensors designed for different professional applications. These sensors adopt a high ingress protection rating enclosure for use in the most challenging outdoor environmental conditions, and are powered by built-in battery for years-long use life.

- 
**High IP Rating Enclosure**  
 IP rated as "dust tight" and protected against heavy fog or powerful jets of water
- 
**Rich Installations Available**  
 Pole mounting, wall mounting, DIN rail
- 
**Configure with One Touch**  
 NFC technology enables easy configuration and on/off operation
- 
**Multiple Applications in Vertical Markets**  
 Soil monitoring, water management, temperature & humidity measurement, etc
- 
**Long Battery Use Life**  
 19000 mAh replaceable battery ensures low maintenance cost
- 
**Compliant with ToolBox Milesight IoT Cloud**  
 Manage and configure your sensor easily



**Soil Moisture, Temperature and Electrical Conductivity Sensor**  
EM500-SMT



**Industrial Temperature Sensor**  
EM500-PT100



**Light Sensor**  
EM500-LGT



**Ultrasonic Distance/Level Sensor**  
EM500-UDL



**Pipe Pressure Sensor**  
EM500-PP



**CO<sub>2</sub> Sensor (4 in 1)**  
EM500-CO<sub>2</sub>



**Submersible Water Level Sensor**  
EM500-SWL







## Soil Moisture, Temperature and Electrical Conductivity Sensor

- Research-grade accuracy in multiple soil media
- Easy installation into undisturbed soil
- Rapid monitoring of growing conditions



## Light Sensor

- Measuring ranges from 0 to 100,000 lux
- Fast Response 1 second
- 10-year battery life with low maintenance cost
- Accurately detect any light changes

EM500-SMT provides an external probe for receiving accurate and instantaneous information on soil moisture content, temperature, and salinity. It is an important tool for soil condition monitoring.

Model		Moisture	Temperature	Electrical Conductivity
SMT-EC5	Range	0 ~ 100% RH	/	/
	Accuracy	±2%RH		
	Resolution	0.25%RH		
SMT-MEC20	Range	0 ~100% RH	-40 ~ 80°C	0 ~ 20000 μS/cm
	Accuracy	2%RH (0 ~ 50%), 3% RH(50 ~ 100%)	±0.5°C	±3% (0 ~ 10000 μS/cm), ±5% (10000 ~ 20000 μS/cm)
	Resolution	0.03% RH(0 ~ 50%), 1%RH(50 ~ 100%)	0.1°C	10 μS/cm (0 ~ 10000 μS/cm), 50 μS/cm (10000 ~ 20000 μS/cm)



Grassland



Farmland



Greenhouse

EM500-LGT light sensor can accurately monitor the changes in the surrounding light intensity. It is suitable for light measurement and research in agriculture, forestry, greenhouse, horticulture, breeding, industrial workshops, warehouses, urban lighting, and buildings.

Model	LGT
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923
Measuring Range	0 ~ 100000lux
Accuracy	±3%(Acquired Value)
Resolution	1lux
Operating Temperature	-30 ~ 60°C
Operating Humidity	0 ~ 100%
Cable length	3m
Power Supply	Built-in 19000 mAh SOCl <sub>2</sub> Battery, working hours up to 10 years
IP Rating	IP65



Agriculture



Forestry



Greenhouse Cultivation





### Pipe Pressure Sensor

- No leakage danger
- Shock-resistant and vibration-resistant
- Measuring accuracy is less than  $\pm 0.5\%$ FS
- Temperature compensation for correction of temperature changes



### Submersible Water Level Sensor

- Customizable measuring range up to 200 m
- Submersible pressure sensor not affected by foam, wind, or rain (Transceiver is not included)
- IP67 full sealed plastic waterproof design (Measuring medium: water (Customizable for oil and other non-corrosive media))

EM500-PP sensor is designed for the pressure monitoring of tank level or leakage in pipes.

Model	EM500 - PP
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923
Range	0 ~ 1600 kPa
Accuracy	$\pm 0.5\%$ FS
Power Supply	Built-in 19000 mAh Li-SOCl <sub>2</sub> Battery, working hours up to 10 years
IP Rating	IP66 (IP67 as required)

EM500-SWL is designed to measure the tank level or open water applications while fully submerged in liquid. It is robust and sealed to prevent corrosion and failure.

Model	Range	Accuracy
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923	
SWL-L003	0 ~ 3 m	$\pm 0.5\%$ FS
SWL-L005	0 ~ 5 m	$\pm 0.5\%$ FS
SWL-L010	0 ~ 10 m	$\pm 0.5\%$ FS
Power Supply	Built-in 19000 mAh Li-SOCl <sub>2</sub> Battery, working hours up to 10 years	
IP Rating	IP66 (IP67 as required)	



Constant Water Supply



Hydraulic Equipment



Barometric Pressure Detection



Reservoir

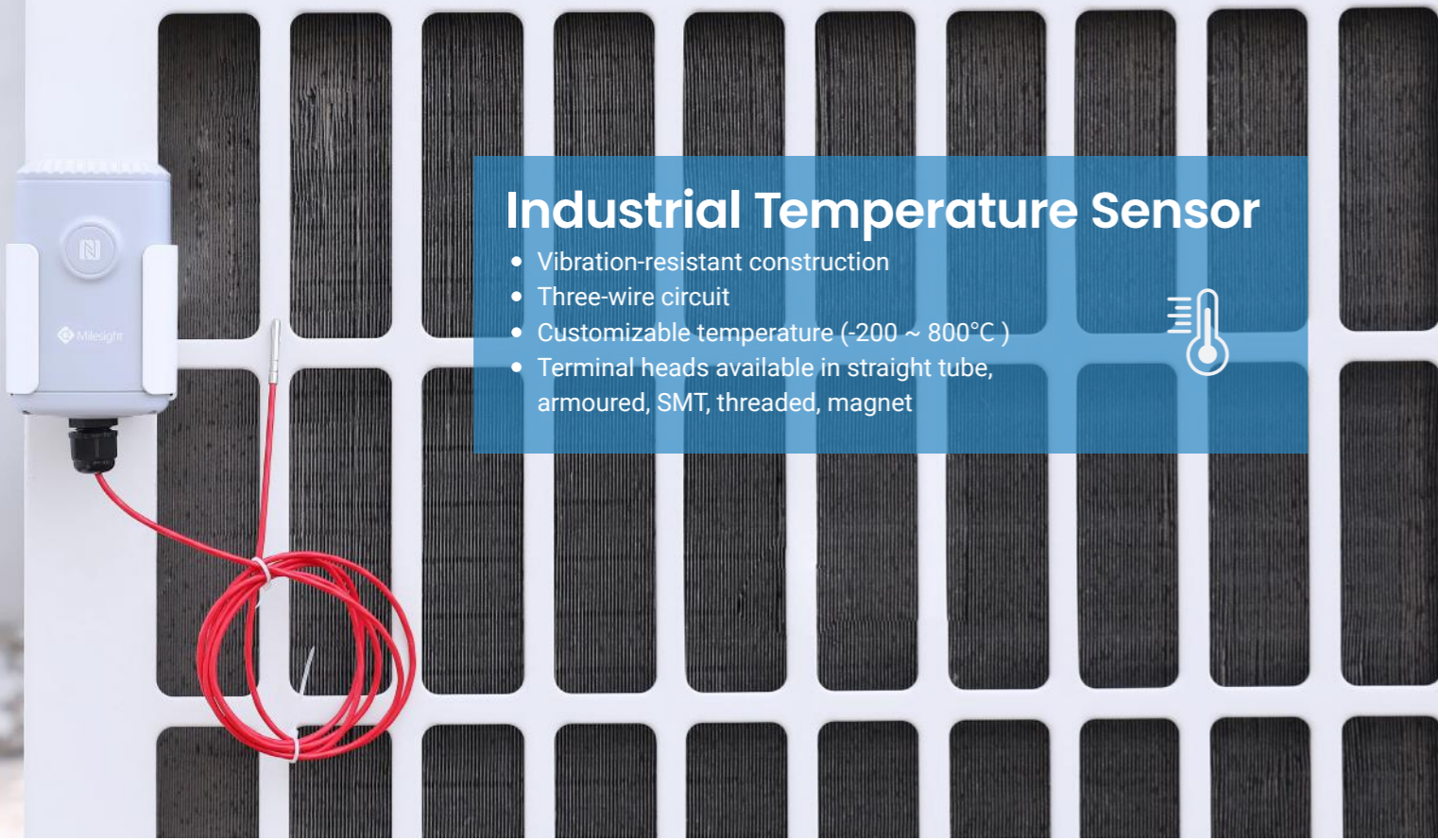


Tank



Lake





### Industrial Temperature Sensor

- Vibration-resistant construction
- Three-wire circuit
- Customizable temperature (-200 ~ 800°C)
- Terminal heads available in straight tube, armoured, SMT, threaded, magnet



### CO<sub>2</sub> Sensor (4 in 1)

- Measuring ranges from 400ppm to 5000ppm
- Easy installation in any enclosed creas or outdoor
- 4 in 1 (CO<sub>2</sub>, barometric pressure, humidity, temperature)



EM500-PT100 equips a highly accurate temperature sensor PT100, the platinum resistance temperature detector offers the most stable and precise temperature measurement from -200 to 800°C.

Model	Range	Accuracy	Length
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923		
PT100-T50	-200 ~ 50°C	±0.5°C	1.5 m
PT100-T200	-50 ~ 200°C	±0.5°C	1.5 m
PT100-T500	-50 ~ 500°C	±0.5°C	1.5 m
PT100-T800	-50 ~ 800°C	±0.5°C	1.5 m
Power Supply	Built-in 19000 mAh SOCl <sub>2</sub> Battery, working hours up to 10 years		
IP Rating	IP66 (IP67 as required)		



Industrial Process



Cold Chain



Laboratory

EM500-CO<sub>2</sub> is designed for measuring gaseous carbon dioxide (CO<sub>2</sub>) concentration in harsh environments. It is useful in the application where knowing CO<sub>2</sub> level is important like greenhouse, building ventilation, fruit and vegetable storage. Besides, it also supports temperature, humidity and barometric pressure measurement.

Model	Range	Accuracy	Resolution
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923		
CO <sub>2</sub>	400 ~ 5000 ppm	±30 ppm or ±3% of reading	1 ppm
Barometric Pressure	300 ~ 1100 hPa (-40 ~ 85°C)	±1 hPa	0.1 hPa
Temperature	-30°C ~ 70°C	±0.6°C (-40 ~ 0°C) ±0.3°C (0 ~ 70°C)	0.1°C
Humidity	0 ~ 100% RH	±3%RH (10 ~ 90%) ±5%RH (0 ~ 10%, 90 ~ 100%)	0.5%RH
Power Supply	Built-in 19000 mAh Li-SOCl <sub>2</sub> Battery, working hours up to 10 years		
IP Rating	IP66		



Smart City



Livestock Farming



Forest Fire Monitoring





## Ultrasonic Distance/Level Sensor

- Measuring ranges from 0.3m to 10m
- Measurements in very small containers or openings
- Suitable for measuring benign and chemical mediums
- Non-contact detection for any corrosive liquid chemicals or combustibles



# UC500 Series LoRa Controller

Multi-interface Platform for Connecting Sensors

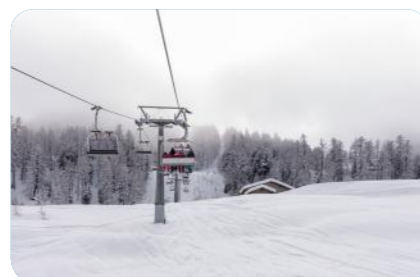


EM500-UDL provides highly accurate distance measurement for a variety of applications in harsh environments like flood monitoring, waster water management, fill level monitoring in grains or fertilizer. The measurement is based on ultrasonic waves transmitted and reflected back from nearby objects.

Model			
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923		
UDL-W050	0.3 ~ 5 m	±1%	1 mm
UDL-W100	0.5 ~ 10 m	±1%	1 mm
Power Supply	Built-in 19000 mAh Li-SOCl <sub>2</sub> Battery, working hours up to 10 years		
IP Rating	IP66 (IP67 as required)		



Water Treatment



Snow Depth



Grain Silo

The UC500 series LoRaWAN<sup>®</sup> Controller is a fully integrated and battery-powered LoRaWAN node with solar panel and multiple communication interfaces for connecting to a wide range of external sensors. With quick installation and easy maintenance, the UC500 series LoRaWAN<sup>®</sup> Controller is ideal to work in harsh environments for remote monitoring and collecting data from sensors.

Model	UC501	UC502
Frequency	CN470/IN865/EU868/AU915/US915/KR920/AS923	
Interface 1	2 × GPIO 1 × RS485/RS232 switchable 1 × 3.3 V output 1 × 5/9/12 V output switchable	
Interface 2	2 × analog input 1 × 3.3 V output 1 × 5/9/12 V output switchable	
Dimension	120.1 × 120.1 × 55.4 mm (4.73 × 4.73 × 2.18 in)	
Power Supply	Non-rechargeable Built-in 19000 mAh Li-SOCl <sub>2</sub> battery	Rechargeable 4900 mAh battery with solar panel



# Compact LoRaWAN<sup>®</sup> Controller

The Compact LoRaWAN<sup>®</sup> Controller is designed for monitoring and controlling field devices, and collecting data to cloud.



## Specifications

Model	Analog Input	Digital Input	Relay Output	RS232	RS485	Network
UC1114	—	2	2	—	—	LoRaWAN
UC1122	2	1	1	—	—	
UC1152	—	1	1	1	1	
UC3414	—	2	2	—	—	2G/3G/4G
UC3422	2	1	1	—	—	
UC3452	—	1	1	1	1	

# Milesight IoT Cloud

The Milesight IoT Cloud provides unparalleled levels of vertical integration with Milesight LoRaWAN<sup>®</sup> sensors and controllers. It visualizes field data and enables user to monitor and control remote assets on an intuitive dashboard.



## Visualization

Transform real-time and historical data into drag-and-drop widgets on dashboard



## Monitoring & Control

Control access and monitor your projects from anywhere



## Alerts

Enable email and mobile push notifications based on triggered events



## Security & Reliability

Built on AWS to provide the most confidential and reliable infrastructure for your data



# Industrial Cellular Router

Rugged & Programmable 4G Router



UR32

UR35



## High Performance

- ▶ NXP Industrial Grade Processor
- ▶ -40°C to 70°C Operating Temperature
- ▶ Support Wi-Fi, GPS, Serial, I/Os and Voice



## Low Maintenance & Easy Operation

- ▶ User-friendly GUI
- ▶ MilesightVPN for Remote Access
- ▶ DeviceHub Central Management



## Intelligent & Programmable

- ▶ Python Programming
- ▶ Support Modbus RTU/TCP



## Lower Investment

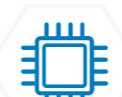
- ▶ Affordable Price
- ▶ PoE-PSE for Less Wire Connection
- ▶ Reduce Time Cost by Remote Management

# UR75 High-Performance 5G Industrial Router

Featuring the latest and fastest cellular technology - 5G, UR75 is not only an intelligent industrial IoT router, but also an unrivaled wireless networking solution.



UR75



## Outstanding Performance

- ▶ 5G NSA & NA Modes
- ▶ Qualcomm Quad-Core Processor
- ▶ CAT4/6/12/20 Cellular Modem (Optional)



## Rich Connectivities

- ▶ 2 × 2 MIMO 802.11ac Wi-Fi
- ▶ 1 × RS232 + 1 × RS485
- ▶ 1 × Digital Input & Output



## Edge Intelligence

- ▶ Azure IoT Edge
- ▶ AWS Greengrass
- ▶ Python Programming



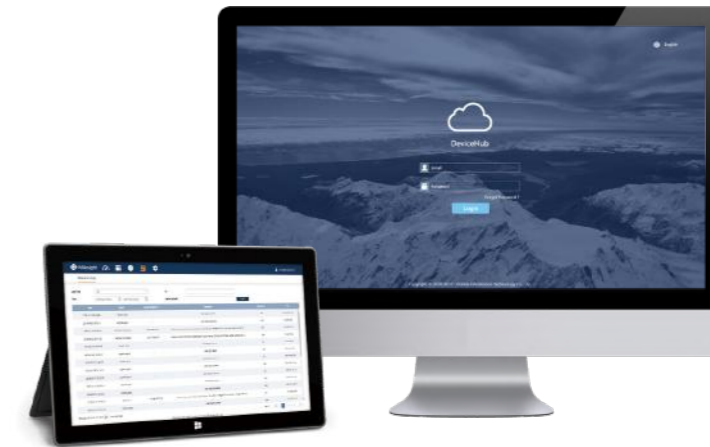
## Specifications

		UR32	UR35	UR75	
Interfaces	SIM Slots	2			
	Ethernet Ports	2 x 10/100 Mbps	5 x 10/100 Mbps	5 x 10/100/1000 Mbps	
	Serial Ports	1 x RS232 or 1 x RS485	1 x RS232 + 1 x RS485	1 x RS232 + 1 x RS485	
	DI/DO	1 x DI + 1 x DO			
	Voice	N/A	1 x FXS (RJ11)	N/A	
	Antenna Connectors	2 x Cellular Connectors 1 x Wi-Fi /GPS Connector	2 x Cellular Connectors 1 x Wi-Fi Connector 1 x GPS Connector	3 x Cellular Connectors 1 x Cellular/GPS Connector 2 x Wi-Fi Connectors	
Network	Cellular	4G CAT4		5G, 4G CAT4/6/9/12/20 (Optional)	
	Wi-Fi (Optional)	IEEE 802.11b/g/n		IEEE 802.11a/b/g/n/ac	
	Serial Port	Transparent (TCP Client/Server, UDP), Modbus Gateway (Modbus RTU to Modbus TCP), Modbus Master			
	Network Protocols	PPP, PPPoE, SNMP v1/v2c/v3, TCP, UDP, DHCP, RIP v1/v2, OSPF, DDNS, VRRP, HTTP, HTTPS, DNS, ARP, QoS, SNTP, Telnet, VLAN, SSH			
	AAA	RADIUS, TACACS+, LDAP, Local Authentication			
	Firewall	URL Filtering/ACL/DMZ/Port Mapping/MAC Binding/SPI/DoS Protection			
	Reliability	VRRP, WAN Fail-over, Dual SIM Backup			
	VPN	OpenVPN, IPsec, PPTP, L2TP, DMVPN, GRE			
Maintenance	Management	Web, CLI, SMS, Watchdog, On-demand Dial Up			
	Multilevel Authority	Multiple Levels of User Authority			
Capabilities	CPU	528 MHz, 32-bit ARM Cortex-A7	716 MHz, Quad-Core ARM Cortex-A7		
	Flash	128 MB	8 GB		
	Memory	128 MB DDR3	512 MB DDR3		
	Built-in	Watchdog			
	GPS (Optional)	GPS + GLONASS			
	Extended Memory	1 x micro SD card slot, up to 128 GB	1 x M.2 NVMe SSD Slot		
Hardware	Power Input	9 ~ 48 VDC			
	Power Output (Optional)	2 x 802.3af/at PoE PSE	4 x 802.3af/at PoE PSE	4 x 802.3af/at PoE PSE	
	Ingress Protection	IP30			
	Housing & Weight	Metal, 271 g (0.60 lb)	Metal, 481 g (1.06 lb)	Metal, 525 g (1.16 lb)	
	Dimensions	108 x 90 x 26 mm (4.25 x 3.54 x 1.02 in)	135 x 100 x 45 mm (5.31 x 3.94 x 1.77 in)	135 x 118 x 45 mm (5.31 x 4.65 x 1.77 in)	
	Mounting	Desktop, Wall or DIN Rail Mounting			
Others	Operating Temperature	-40°C to +70°C (-40°F to +158°F) Reduced cellular performance above 60°C			
	Storage Temperature	-40°C to +85°C (-40°F to +185°F)			
	Relative Humidity	0% to 95% (non-condensing) at 25°C/77°F			
	Certifications	RoHS, CE, FCC, PTCRB, AT&T, RCM, SPDDI, NBTC	RoHS, CE, FCC		
	Frequency Band	E	LTE: B1/B3/B5/B7/B8/B20/B38/B40/B41	3G: B1/B5/B8	GSM: B3/B8
		AF	LTE: B2/B4/B5/B12/B13/B14/B66/B71	3G: B2/B4/B5	/
		AU	LTE: B1/B2/B3/B4/B5/B7/B8/B28/B40	3G: B1/B2/B5/B8	GSM: B2/B3/B5/B8
500GL		5G NR: N1/N2/N3/N5/N7/N8/N12/N20/N28/ N41/N66/N71/N77/N78/N79	LTE FDD: B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/ B17/B18/B19/B20/B21(TBD)/B25/B26/B28/B29/B30/ B32/B66/B71 LTE TDD: B34/B38/39/B40/B41/B42/B48		

\*For UR75 5G version only

# Connectivity Suite

Applicable to Industrial Cellular Router and LoRaWAN® Gateway



Milesight DeviceHub is a web-based platform that lets you manage all your Milesight routers and gateways from a single location at anytime.

The Milesight DeviceHub is able to monitor all critical parameters of remote routers, and gateways, perform configuration, upgrade firmware, analyze system log, create graphic reports and more. It helps to improve productivity, reduce costs, and enhance the intelligence of your network and business operations.

The MilesightVPN is the core component of MilesightVPN solution. Typically it's hosted on your own server.

## Software Requirements

- ✓ OS: Ubuntu 16.04
- ✓ Supports installation package
- ✓ Browser: Chrome, Firefox

## Hardware Requirements

Your host hardware must meet the following minimum requirements:

- |                        |                         |
|------------------------|-------------------------|
| <b>For 500 devices</b> | <b>For 1000 devices</b> |
| ✓ RAM: 16 GB           | ✓ RAM: 32 GB            |
| ✓ Disk: 512 GB         | ✓ Disk: 1T              |

