



# LoRaWAN<sup>®</sup> Starter Kits

Explore More Possibilities with  
LoRaWAN<sup>®</sup> Technology



Maximum Flexibility



Higher Performance



Minimum Cost



# Smart Agriculture Solution

Digital transformation can help businesses to create new or modify current businesses process and improve operational efficiency. Milesight Smart Agriculture Kit takes advantages of LoRaWAN® technology to offer a cost-optimized solution with a bunch of cutting-edge products ranging from hardware to software, from LoRaWAN® Gateway, LoRaWAN® Sensor to Milesight IoT Cloud.

## Solution Highlights



- ◀ Manpower reduction, labor effectiveness, and efficiency gains
- ◀ Improvement of water-use efficiency
- ◀ Productivity enhancement
- ◀ Lowered operating costs
- ◀ Increase profitability

## Featured Kit

	- UG65 Semi-Industrial LoRaWAN® Gateway		- EM500-LGT Light Sensor
	- EM300-TH Temp and Humidity Sensor		- UC510 Solenoid Valve Controller
	- EM500-SMTC Soil Moisture, Temperature and Electrical Conductivity Sensor		- Milesight IoT Cloud

## Product Details

Optional



### EM500 Environment Monitoring Sensor

- IP66 (IP67 as required)
- LoRaWAN® Wireless
- 5/10 Years Battery Life
- NFC for Configuring
- Milesight IoT Cloud

1-Year Free Trial



### Milesight IoT Cloud

- Field Data Visualization
- Remote Monitoring & Control
- Real-time Alerts
- Security & Reliability
- 1-Year for Free



### AM107 Indoor Ambience Sensor

- Motion
- Humidity
- Temperature
- Light
- CO<sub>2</sub>
- TVOC
- Barometric Pressure



### UG65 Semi-Industrial LoRaWAN® Gateway

- GE, 4G, Wi-Fi
- 8 Channels
- GPS
- Up to 2000 Nodes
- Over 15km Radio Communication Range
- Free Embedded NS



### EM300 IoT Sensor

- IP67 Waterproof
- LoRaWAN® Wireless
- 5/10 Years Battery Life
- NFC for Configuring



### UC510 Solenoid Valve Controller

- IP67 Waterproof
- Pulse Interface
- Solar and Battery Powered
- Wireless NFC Configuring

# Smart Building Solution

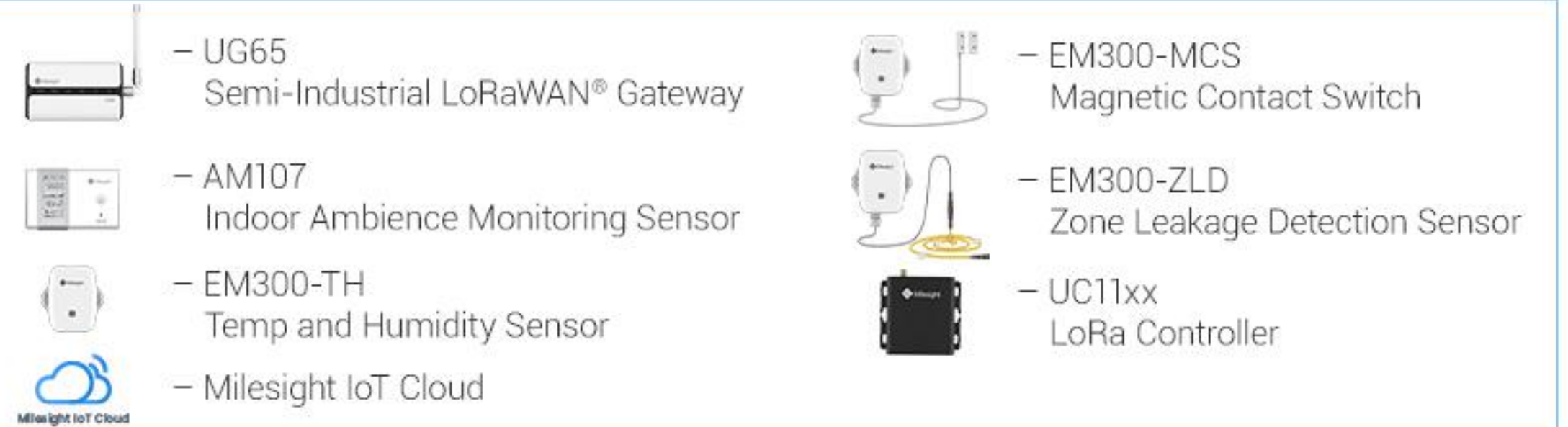
Milesight Smart Building Kit integrates the state-of-the-art technology into Gateways, Sensors, and LoRaWAN® controllers to offer a device-to-cloud solution. This kit is bundled together with rugged-design hardware and software, along with the capability allowing you to easily monitor and manage your device inside buildings and increase operational efficiency.

## Solution Highlights



- ◀ Better use of office place
- ◀ Actionable utilization insights
- ◀ Create a more comfortable indoor ambience
- ◀ Improve value addition and collaboration
- ◀ Increase indoor safety

## Featured Kit



## Product Details

1-Year Free Trial



### Milesight IoT Cloud

- Field Data Visualization
- Remote Monitoring & Control
- Real-time Alerts
- Security & Reliability
- 1-Year for Free



### AM107 Indoor Ambience Sensor

- Motion
- Humidity
- Temperature
- Light
- CO<sub>2</sub>
- TVOC
- Barometric Pressure



### UG65 Semi-Industrial LoRaWAN® Gateway

- GE, 4G, Wi-Fi
- 8 Channels
- GPS
- Up to 2000 Nodes
- Over 15km Radio Communication Range
- Free Embedded NS



### EM300 IoT Sensor

- IP67 Waterproof
- LoRaWAN® Wireless
- 5/10 Years Battery Life
- NFC for Configuring



### UC11xx LoRa Controller

- DI & DO
- 2 x AI
- RS232 & RS485



# Smart City Solution

Milesight Smart City Kit provides capabilities to manage a network of physical objects and improve the interaction with field situation. The benefits come from the solution including but not limited to wireless network coverage, continuous monitoring, timely notification and alerts, centralized management and control, Data-to-Cloud communication and analysis and many more.

## Solution Highlights



- ◀ Effective data-driven decision making
- ◀ Get more precise information
- ◀ Ensure greater consistency
- ◀ Efficient public utilities

## Featured Kit

	- UG65 Semi-Industrial LoRaWAN® Gateway		- EM500-PP Pipe Pressure Sensor
	- EM300-TH Temp and Humidity Sensor		- UC500 LoRaWAN® Controller
	- EM500-CO2 CO2 Sensor		- Milesight IoT Cloud
	- EM500-UDL Ultrasonic Distance Level Sensor		

## Product Details

**Optional**



**EM500 Environment Monitoring Sensor**

- IP66 (IP67 as required)
- LoRaWAN® Wireless
- 5/10 Years Battery Life
- NFC for Configuring
- Milesight IoT Cloud

**1-Year Free Trial**



**Milesight IoT Cloud**

- Field Data Visualization
- Remote Monitoring & Control
- Real-time Alerts
- Security & Reliability
- 1-Year for Free



**UG65 Semi-Industrial LoRaWAN® Gateway**

- GE, 4G, Wi-Fi
- 8 Channels
- GPS
- Up to 2000 Nodes
- Over 15km Radio Communication Range
- Free Embedded NS



**EM300 IoT Sensor**

- IP67 Waterproof
- LoRaWAN® Wireless
- 5/10 Years Battery Life
- NFC for Configuring



**UC500 LoRaWAN® Controller**

- IP67 Waterproof
- 2 x GPIO
- 2 x AI
- 1 x RS232 or RS485
- Solar Powered or Battery

# Custom-made Solution

Milesight custom-made solution offers the top-trending technology of IoT that will hold extensive potential for M2M/IoT communication and supply broader possibilities to the industry. The solution will enable LoRaWAN® and bring us a step closer to the dream of pervasive connectivity with maximum flexibility, minimum cost and higher performance.

## Solution Highlights



- ◀ Smart Transportation
- ◀ Smart Classroom
- ◀ Smart Factory
- ◀ Smart Logistic
- ◀ Smart Hospital

## Featured Kit

	– UG65 Semi-Industrial LoRaWAN® Gateway		– EM500 (Optional) Environment Monitoring Sensor
	– EM300-TH Temp and Humidity Sensor		– Milesight IoT Cloud
	– AM107 Indoor Ambience Monitoring Sensor		

## Product Details

 **Optional**


**EM500 Environment Monitoring Sensor**

- IP66 (IP67 as required)
- LoRaWAN® Wireless
- 5/10 Years Battery Life
- NFC for Configuring
- Milesight IoT Cloud

 **1-Year Free Trial**

**Milesight IoT Cloud**

- Field Data Visualization
- Remote Monitoring & Control
- Real-time Alerts
- Security & Reliability
- 1-Year for Free



**AM107 Indoor Ambience Sensor**

- Motion
- Humidity
- Temperature
- Light
- CO<sub>2</sub>
- TVOC
- Barometric Pressure



**UG65 Semi-Industrial LoRaWAN® Gateway**

- GE, 4G, Wi-Fi
- 8 Channels
- GPS
- Up to 2000 Nodes
- Over 15km Radio Communication Range
- Free Embedded NS



**EM300 IoT Sensor**

- IP67 Waterproof
- LoRaWAN® Wireless
- 5/10 Years Battery Life
- NFC for Configuring



**Xiamen Milesight IoT Co., Ltd.**

Tel: 86-592-5085280

Sales: [iot.sales@milesight.com](mailto:iot.sales@milesight.com)

Support : [iot.support@milesight.com](mailto:iot.support@milesight.com)

Website: [www.milesight-iot.com](http://www.milesight-iot.com)

Address: 4F, No. 63-2, Wanghai Road, 2nd Software Park, Xiamen, 361008, China

