

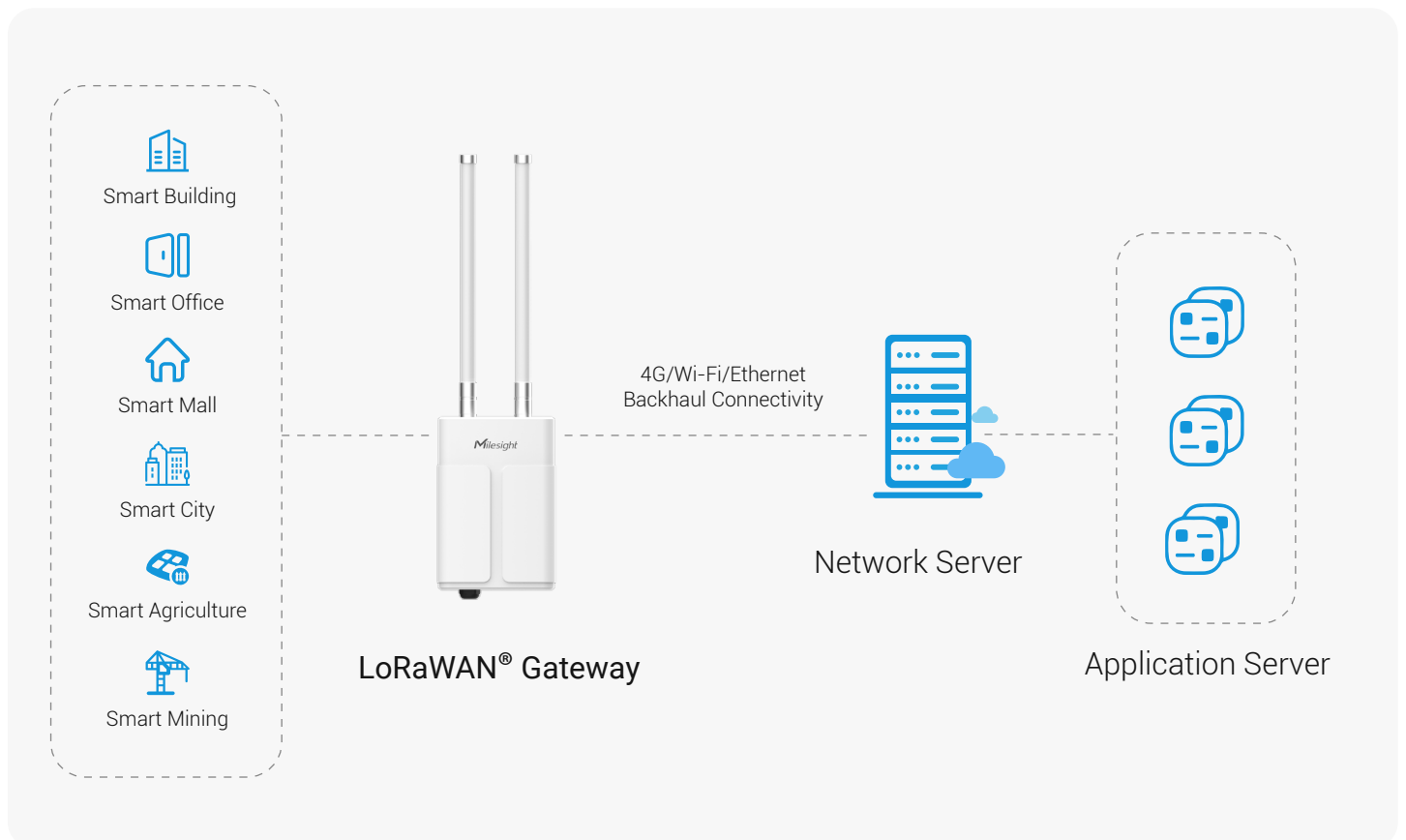
# Milesight LoRaWAN® Gateways

Interconnect & Relay Data to Build a Connected World



# Develop a LoRa Network with Milesight LoRaWAN® Gateways

Leveraging LoRaWAN® advanced technology, Milesight LoRaWAN® gateways are ideal for interconnecting and relaying messages between various sensors and the network servers efficiently and reliably. They are the most compatible, manageable and scalable gateways for many IoT applications in the industry.



# LoRaWAN® Gateway



- UG63 Mini LoRaWAN® Gateway
- UG65 Semi-Industrial LoRaWAN® Gateway
- UG67 Outdoor LoRaWAN® Gateway

## Overall Features

- | **NXP Quad-core industrial processor & 512 MB DDR4 RAM**  
Provide large memory & fleet data processing
- | **Equip with Semtech SX1302 chip**  
Handle higher amount of traffic with lower consumption
- | **8 half/full-duplex channels**  
Handle massive sensor data efficiently
- | **Embedded network server & high compatibility**  
Compatible with The Things Industries, ChirpStack, etc.  
& MQTT/HTTP/HTTPS API for easy integration
- | **LoRaWAN® Class B**  
Receive downlink messages periodically, control latency and save energy
- | **Noise Analyzer**  
Test the quality and signal strength between the end devices and gateways
- | **Multicast**  
Enable transmission of periodic downlink messages to various devices simultaneously
- | **Gateway Fleet**  
Receive data from multiple Milesight gateways concurrently
- | **LoRa Basics™ Station**  
Allow the deployment of gateways at scale
- | **Global LoRaWAN® frequency plans**  
(CN470/RU864/IN865/EU868/AU915/US915/KR920/AS923)

# Respective Features

## UG63 Mini LoRaWAN® Gateway

- **Industrial grade & mini yet powerful**  
High performance with aesthetic design
- **Massive coverage & blind spot coverage**  
Flexible application in indoor scenarios
- **Support LBT (Listen Before Talk)**  
Bypasses the Duty Cycle requirement imposed by European standards



## UG65 Semi-Industrial LoRaWAN® Gateway

- **IP65 enclosure and industrial design**  
Dustproof and basic waterproof capabilities  
Applicable even in industrial environments
- **Flexible installation**  
Desktop, wall or pole mounting (optional)
- **Multi backhaul backups**  
Stay connected via Ethernet, cellular and Wi-Fi
- **Node-RED**  
Wired together with hardware devices, APIs, and online services





## UG67 Outdoor LoRaWAN® Gateway

- **IP67 waterproof enclosure and industrial design**  
Ideal for harsh environment applications
- **Installation methods**  
Wall or pole mounting (optional)
- **Power supply interfaces**  
PoE or solar power supply (optional)
- **Multi backhaul backup**  
Stay connected via Ethernet, cellular and Wi-Fi
- **Node-RED**  
Wired together with hardware devices, APIs, and online services
- **Capacitor for sending alarms**





LoRaWAN®

AIoT



## Deploy Milesight Gateways to Extend Network with Milesight IoT Cloud

Complied with high performance, Milesight's gateways are compatible with the leading Milesight IoT Cloud. This platform brings you the convenience of storing, managing and analyzing all relevant data with a few clicks. Additionally, Android & iOS mobile versions are available for you to manage devices and data at your fingertips.

 Get the **Free Trial** !



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