RAK7268 WisGate Edge Lite 2

Thank you for choosing **RAK7268 WisGate Edge Lite 2** in your awesome IoT Project! 🎉 To help you get started, we have provided you all the necessary documentations for your product.

- Quickstart
- Datasheet
- Supported LoRa Network Servers
- Use the MQTT Broker Like a Pro + Examples
- AWS IoT Core Integration
- RAK7268 Latest Firmware

Product Description

The RAK7268 WisGate Edge Lite 2 is a full 8-channel indoor gateway, based on the LoRaWAN protocol, with built-in Ethernet connectivity for a straightforward setup. Additionally, there is an on-board Wi-Fi setup (supporting 2.4 GHz Wi-Fi) that allows it to be easily configured via the default Wi-Fi AP mode. Moreover, the gateway supports LTE uplink communication connections (optional).

As with the other RAKwireless Industrial Gateways, it also supports MQTT Bridge mode, with the option for TLS authentication.

Power-over-Ethernet (PoE) is supported to serve cases where wall or ceiling mounting is required without the need to install additional power lines.

The open-source software for the management and configuration of this gateway device is based on OpenWRT. It has a built-in LoRa packet forwarder and a graphical user interface, allowing for a quick set-up without giving up the freedom of a fully customized solution.

RAK7268 also supports the MQTT Bridge function, can use the MQTT integrated to third-party platforms.

RAK7268 is especially suitable for small and medium-sized deployment scenarios in industry applications, saving the additional cost for server and R&D investment, and has the advantages of high execution efficiency.

Product Features

- Full LoRaWAN Stack support (V 1.0.3) with Semtech SX1302
- Supports 2.4 GHz Wi-Fi AP for configuration
- 100M Base-T Ethernet with PoE
- Multi back-haul with Ethernet, Wi-Fi, Cellular
- OpenWRT software supports with Web UI for easy configuration and monitoring
- Can integrate with both private (ChirpStack) and public (TTN) network servers
- TF card for log backup and LoRa frame buffering (in case of backhaul failover)
- Built-in Network Server for easy deployment of applications and integration of gateways
- LTE Cat 4 network (optional)