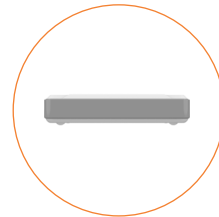


Products

Gateway

SEG-X6

ZigBee Gateway



Description

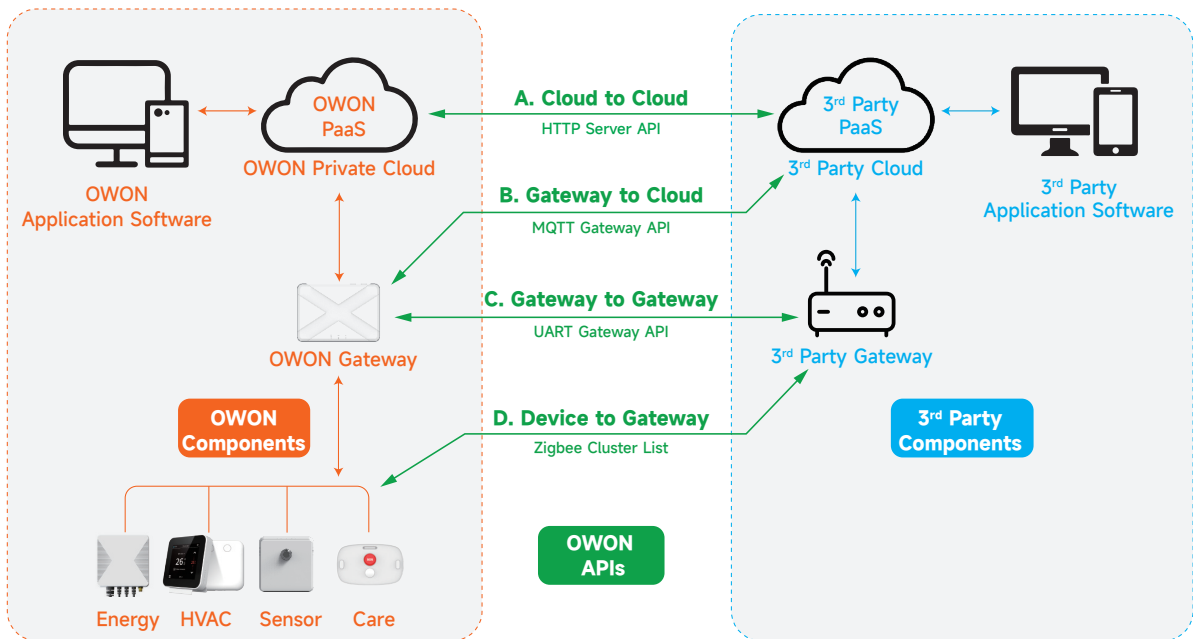
The SEG-X6 ZigBee Gateway acts as a central platform for your smart home system. It allows you to add up to 50 EPs into the system (Zigbee repeaters required). Automatic control, schedule, scene, remote monitoring and control for ZigBee devices can enrich your IoT experience.

Main Features

- ZigBee 3.0
- Built-in buzzer
- Stable internet connection via LTE Cat1
- ZigBee coordinator of the home area network and provide stable ZigBee connection
- Local linkage, scenes, schedules
- Real time, efficiently interoperability and encrypted communication with cloud server

API for Third-party Integration

The Gateway offers open Server API (Application Programming Interface) and Gateway API to facilitate the flexible integration between the Gateway and the third party Cloud Server. The following is the schematic diagram of the integration:



Main Specifications

Connectivity	
Band	FDD-LTE: B1/B3/B5/B7/B8/B20/B28
Data Rate	FDD-LTE: Cat 1, Max 10 Mbps (DL)/Max 5 Mbps (UL)
Cellular Network	4G LTE Cat 1
Wi-Fi	iEEE 802.11 b/g/n 2.4GHz
ZigBee	2.4GHz IEEE 802.15.4

ZigBee Profile	• ZigBee 3.0
RF Characteristics	• Operating frequency: 2.4GHz • Internal PCB Antenna • Range outdoor: 100m (Open area)
ZigBee sub-devices	• Connects with a maximum of up to 50 EPs (There must be at least 5 ZigBee repeaters) • Only connect up to 32 end devices when there is no ZigBee repeaters
Physical Specifications	
CPU	• ARM Cortex-R5 @ 614 MHz
Flash	• 4MB
RAM	• 4MB
Operating Voltage	• USB-C DC5V/2A
Operating environment	• Temperature:-20 °C~+55 °C • Humidity: ≤ 90% non-condensing
Dimension	• 133 (L) x 91.5 (W) x 28.2 (H) mm
Mounting Type	• Tabletop stand or Wall mounting