

MODELS: H68

# H68 SERIES - OUTDOOR GATEWAY

IP68 | High Capacity | Wide Coverage



## KEY INDICATORS

**CN470/EU868/IN865/RU864/US915/AU915**  
Frequency band

**10000m**  
Distance

**20dBm~27dBm**  
Transmit Power

**-140dBm@0.292Kbps**  
Sensitivity

**External  
Fiberglass  
Antenna**  
Antenna

## OVERVIEW

The H68 series gateway features a durable design with a 20-year lifespan, IP68 waterproof and dustproof ratings suitable for complex industrial environments, ensuring stability under harsh conditions. It supports plug-and-play deployment and power-off alarms to guarantee continuous, reliable data transmission.

## FEATURES



Communication Range up to 5000M



IP68 Waterproof and Dustproof  
Rating



Full-Duplex Hardware, Industrial 8-  
Channel



Supports local deployment, ensuring  
high data security and reliability



Integrated Power Amplification and  
Low-Noise Amplifier Circuit



Supports Multiple Wireless Tech: 4G,  
NB-IoT, LoRa



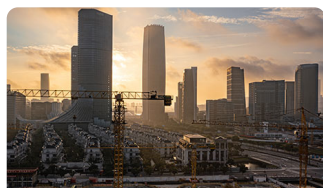
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## APPLICATIONS



New Energy



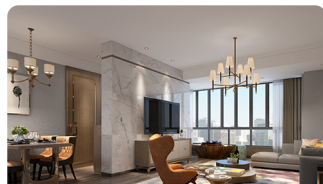
Smart park



Smart Water



Industrial Automation



Environmental monitoring



Smart city



Intelligent transportation



Logistics and Supply Chain

## SPECIFICATIONS

| Item           | Description                                    |
|----------------|------------------------------------------------|
| Product Models | H68                                            |
| Frequency band | CN470/EU868/IN865/RU864/US915/AU915            |
| Distance       | 10000m                                         |
| Transmit Power | 20dBm~27dBm                                    |
| Sensitivity    | -140dBm@0.292Kbps                              |
| Antenna        | External Fiberglass Antenna                    |
| 4G band        | LTE-TDD:B34/B38/B39/B40/B41LTE-FDD:B1/B3/B5/B8 |
| Protocol       | MQTT                                           |
| Operating temp | -40°~ +85°                                     |
| Storage temp   | -40°~ +85°                                     |
| Installation   | Ear Mount · Pole Clamp · Slot                  |

Specifications may vary by configuration. Hitelecom supports OEM/ODM customization — contact us for variants, certificates and the latest revision.



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