

Secure Your  
Peace of Mind



## HSGW-MAX

### Home Security Gateway

- Multi-functional smart home security gateway
- Built-in with SF1 (RF), ZigBee, or Z-Wave capabilities

# HSGW-MAX

Home Security Gateway



Built-in with SF1 (RF), ZigBee, or Z-Wave capabilities



IP (Ethernet) or optional Wi-Fi or 3G/LTE connectivity



160 wireless zones



Comprehensive smart home services



Remote management by Smartphone App and Web browser

The HSGW-MAX is a multi-functional smart home security gateway built-in with SF1 (RF), ZigBee, or Z-Wave capabilities. Its communication path includes IP (Ethernet), or you can optionally expand its functionality to include Wi-Fi or 3G/LTE connectivity. With the panel, users can add compatible devices to automate their home, improving life quality. It also offers valuable features like emergency monitoring to protect your home from fire, flooding, and air toxins, and even energy management to help you save cost. Thus, you can easily tailor the HSGW-MAX's services to meet your family's needs anytime, anywhere.



## SF1 Technology

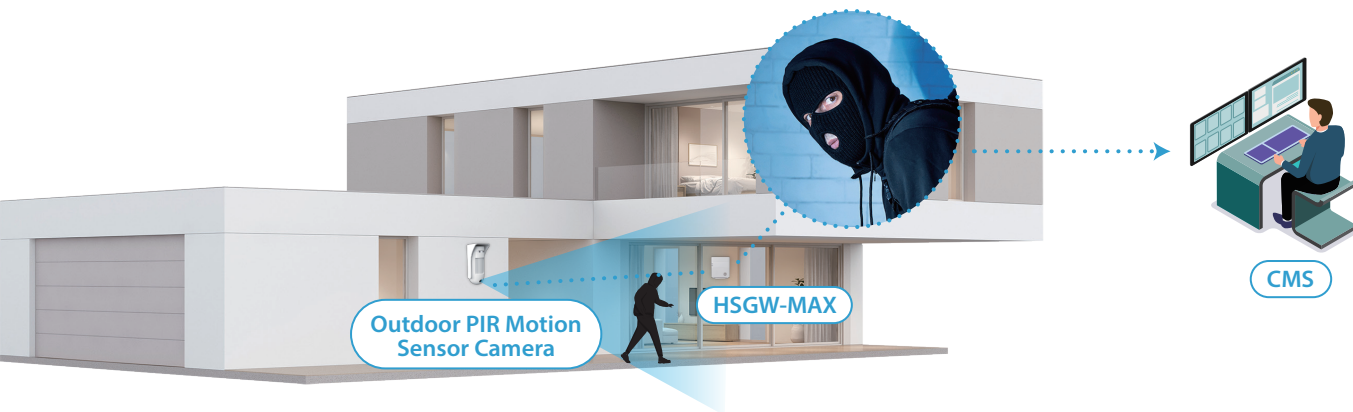
Integrated with SF1 technology, the systems not only inherit the 2 km communication range from their F1 predecessor but also revolutionize image sending speed, support transfer of HD images by RF network, or leverage VGA/QVGA alarm image transmission at faster speed. Also, SF1-equipped security system introduces two-way voice communication. This optimization enhances reliability and sets a new standard for security.



Delivering photos 2 to 3 times faster than its predecessor



Larger file transfer of HD image

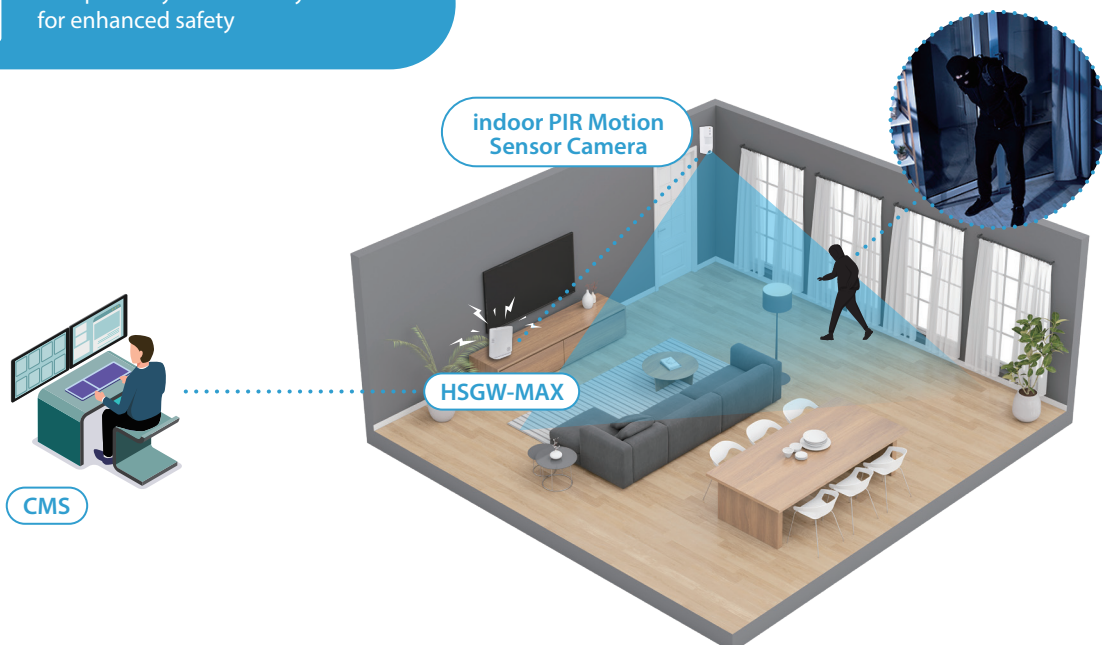


## Home Security

The HSGW-MAX can integrate with security sensors to enhance detection and alert capabilities, providing a more robust security framework. Additionally, the system offers comprehensive security features, including live visual monitoring through integration with IP and PIR cameras, capturing images/videos upon detecting unauthorized motion. It also provides versatile alarm reporting. With its built-in siren, the HSGW-MAX delivers immediate warnings, and additional indoor/outdoor sirens can be added for enhanced early warning capabilities. Moreover, its rechargeable battery backup ensures uninterrupted operation during power outages or sabotage, guaranteeing continuous security monitoring.




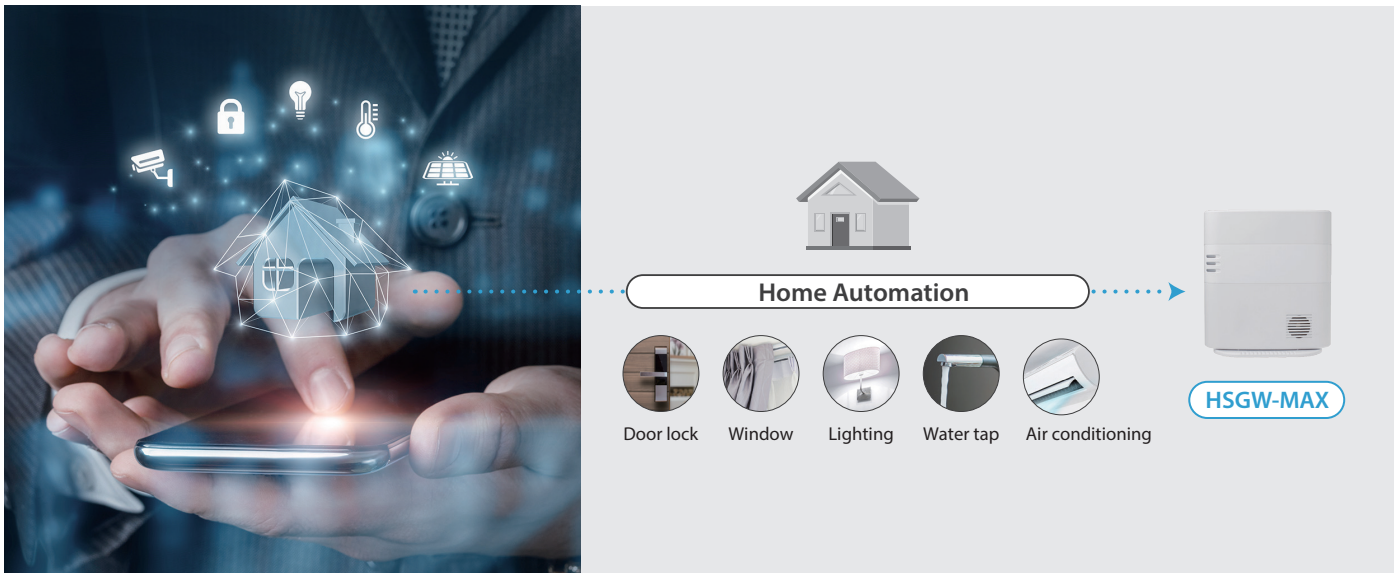
Compatibility with security sensors for enhanced safety



## Home Automation


The HSGW-MAX incorporates ZigBee and/or Z-Wave accessories to automate your home and enhance your life quality. You can easily tailor the HSGW-MAX's services to meet your family's needs anytime, anywhere via smartphone app and web browser.

 Personalize home environment with tailored home automation functions



## Energy Management

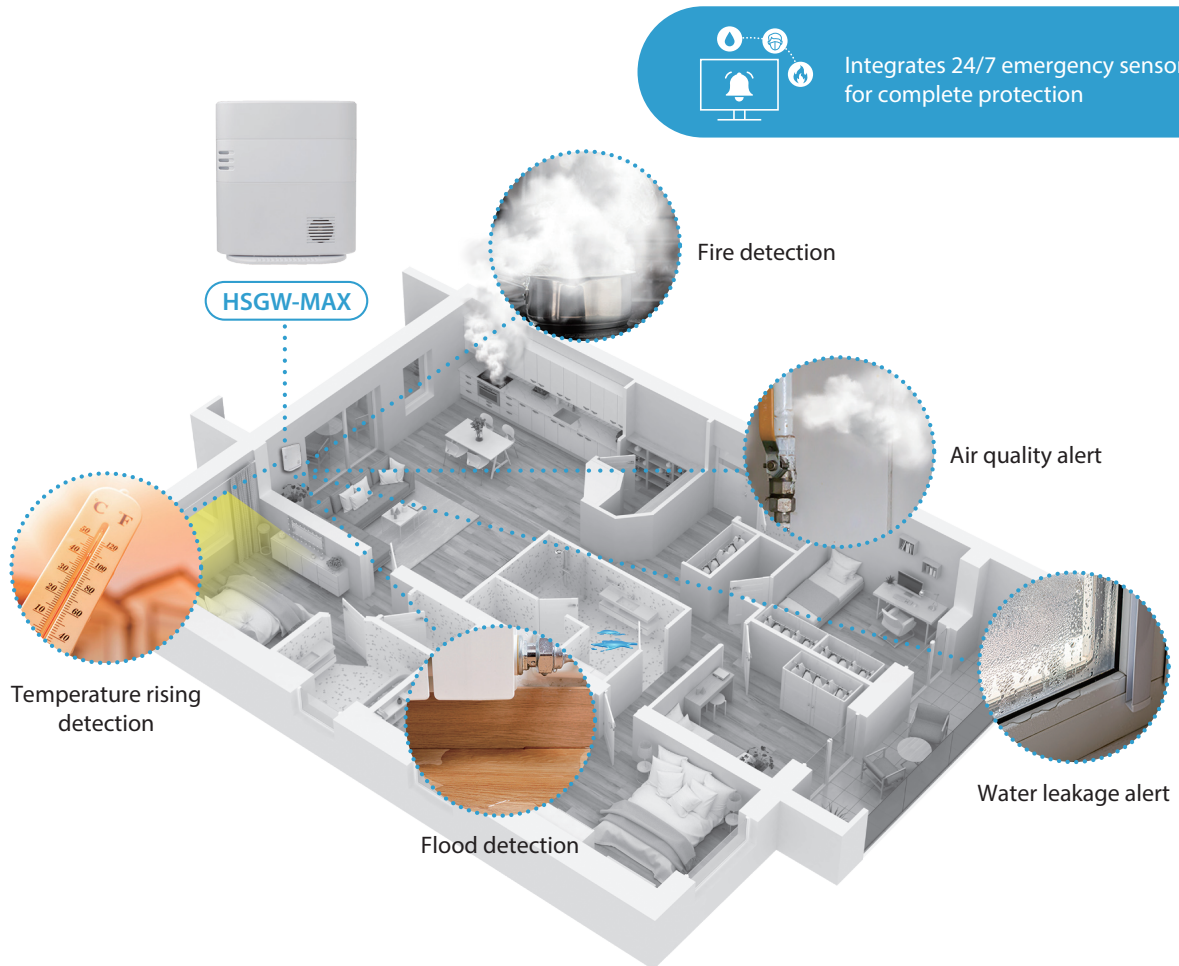
The HSGW-MAX can integrate whole-house energy meters to report how much electricity the entire household uses and ZigBee/Z-Wave power meter switches to monitor the power consumption of individual home appliances. With this power-saving system you can develop a useful strategy to reduce energy consumption.

 Integration of energy management sensor to keep track of power use



# Emergency Monitoring

The HSGW-MAX can incorporate smoke/heat detectors, water sensors, air quality sensors, panic buttons, light and humidity sensors to protect user's family and property from damage cause by fire, heat, water, or air toxins. This round the clock monitoring ensures comprehensive prevention of disasters and quick response during emergencies.



# Remote and Mobile Control

## Vesta Home App

The end user can download the Vesta Home App from the App Store or the Google Play Store to manage the HSGW-MAX, receive event reports and view alarm videos/images on a smartphone.



## Home Portal Server

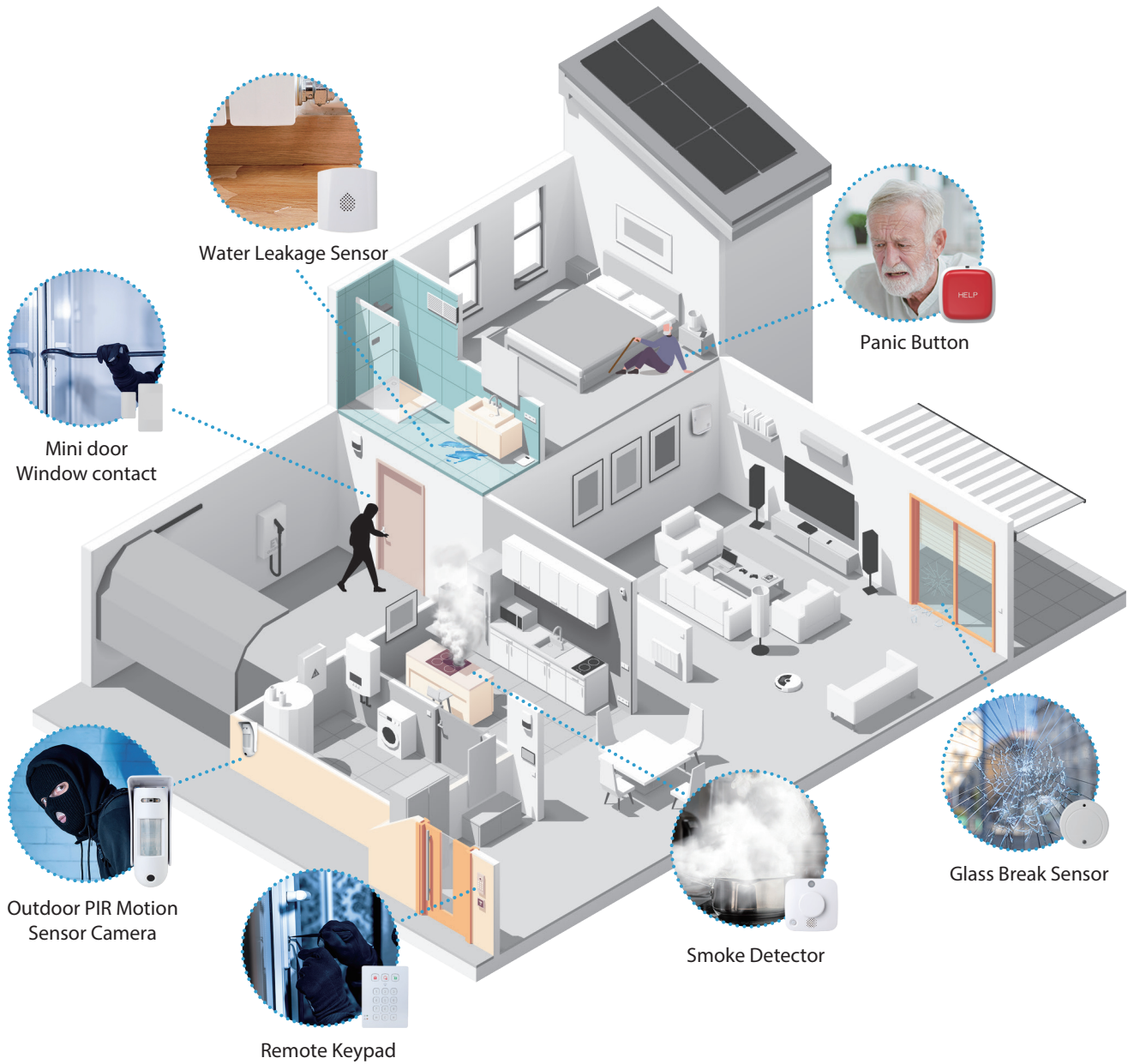
Home Portal Server, Climax's high-capacity IP/GPRS platform, enables the CMS to remotely manage the HSGW-MAX and serve customers.





# Enhanced Home Security

This gateway offers a significant boost to your security framework. By seamlessly integrating with various security sensors, it enhances detection and alert capabilities.



Visual verification of elder's well being



Notify and get help during emergency



Detects smashed windows and broken glass door



monitors the irregular opening / closing of doors and windows



Protect seniors from potential fire



Prevent possible water damage

## Specifications

### HSGW-MAX Home Security Gateway



	HSGW-MAX1	HSGW-MAX3	HSGW-MAX5	HSGW-MAX8	HSGW-MAX15
Communication Path	IP (Ethernet) and/or WiFi				
Built-in Module	RF, ZigBee, or Z-Wave	RF and ZigBee or Z-Wave	ZigBee and Z-Wave	3G/LTE, RF, and ZigBee or Z-Wave	RF, ZigBee, and Z-Wave
Optional Expansion Via USB Dongle	WiFi, Z-Wave or 3G/LTE (requires 6B battery pack)				
Wireless Zones	160 zones				
Reporting Method	CID/SIA, Email, SMS, Push Notification				
Programming Method	Web and App				
<b>Features</b>					
Live Visual Verification	✓	✓	✓	✓	✓
Advance Home Automation	✓	✓	✓	✓	✓
Energy Management	✓	✓	✓	✓	✓
24/7 Emergency Monitoring	✓	✓	✓	✓	✓
Remote Management Via Mobile App & Web	✓	✓	✓	✓	✓
RF Devices Support	✓	✓		✓	✓
Built-in Siren	✓	✓	✓	✓	✓
<b>Specifications</b>					
ZigBee Protocol	ZigBee Pro HA 1.2, 2.4GHz				
Z-Wave Protocol	Z-Wave Plus 500 Series, 868.40MHz (EU) / 908.40MHz (US)				
RF Frequencies	433MHz / 868MHz				
3G Frequencies	EU: B1 (2100 MHz) / B5 (850 MHz) / B8 (900 MHz) US: B2 (1900 MHz) / B4 (1700MHz) / B5 (850 MHz)				
LTE Frequencies	EU: B1 (2100 MHz) / B3 (1800 MHz) / B5 (850 MHz) / B7 (2600 MHz) / B8 (900 MHz) / B20 (800 MHz) US: B2 (1900 MHz) / B4 (1700MHz) / B12 (700MHz)				
Optional Add-on (HSGW-MAX8)	External antenna (MMCX connector)				
WiFi Module	802.11 b/g/n				
Power Supply	12V, 1A				
Backup Battery	7.2V, 600mAh, Ni-mH rechargeable battery pack (for 3G/LTE option); or 7.2V, 1100mAh Ni-mH rechargeable battery pack (for 3G/LTE option)				
Backup Battery Life	14hrs* (600mAh), or 28hrs* (1100mAh)				
Operating Temperature	-10°C to 45°C (14°F to 113°F)				
Operating Humidity	Up to 85% non-condensing				
Dimensions	150 mm x 140 mm x 42 mm				

\* Note: The actual battery life may vary with product settings, usage patterns and operating environment.

## Ordering Information

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<b>HSGW-MAX1-SF1 433/868</b>	IP Gateway with built-in RF module
<b>HSGW-MAX1-SF1 433/868-WIFI</b>	IP Gateway with built-in RF and WIFI connections
<b>HSGW-MAX1-ZBS</b>	IP Gateway with built-in ZigBee module
<b>HSGW-MAX1-ZBS-WIFI</b>	IP Gateway with built-in ZigBee and WIFI connections
<b>HSGW-MAX1-ZW</b>	IP Gateway with built-in Z-Wave module
<b>HSGW-MAX1-ZW-WIFI</b>	IP Gateway with built-in Z-Wave and WIFI connections
<b>HSGW-MAX3-SF1 433/868-ZBS</b>	IP Gateway with built-in RF and ZigBee module
<b>HSGW-MAX3-SF1 433/868-ZBS-WIFI</b>	IP Gateway with built-in RF, ZigBee module and WiFi connections
<b>HSGW-MAX3-SF1 433/868 -ZW</b>	IP Gateway with built-in RF, and Z-Wave module
<b>HSGW-MAX3-SF1 433/868-ZW-WIFI</b>	IP Gateway with built-in RF, Z-Wave module and WiFi connections
<b>HSGW-MAX5-ZBS-ZW</b>	IP Gateway with built-in ZigBee, and Z-Wave module
<b>HSGW-MAX5-ZBS-ZW-WIFI</b>	IP Gateway with built-in ZigBee, Z-Wave module, and WiFi connections
<b>HSGW-MAX8-3G/LTE-ZBS-SF1 433/868</b>	IP Gateway with built-in RF, 3G/LTE, and ZigBee module
<b>HSGW-MAX8-EX-3G/LTE-ZBS-SF1 433/868</b>	IP Gateway with built-in RF, 3G/LTE, and ZigBee module, external antenna supported (antenna not included)
<b>HSGW-MAX8-3G/LTE-ZW-SF1 433/ 868</b>	IP Gateway with built-in RF, 3G/LTE, and Z-Wave module
<b>HSGW-MAX8-EX-3G/LTE-ZW-SF1 433/ 868</b>	IP Gateway with built-in RF, 3G/LTE, and Z-Wave module, external antenna supported (antenna not included)
<b>HSGW-MAX15-ZBS-ZW-SF1433/868</b>	IP Gateway with built-in RF, ZigBee, and Z-Wave modules
<b>HSGW-MAX15-ZBS-ZW-SF1 433/868-WIFI</b>	IP Gateway with built-in RF, ZigBee, Z-Wave modules and WiFi connections