

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
- Enhanced two-way voice capability for alarm verification

HSGW-MAX

Home Security Gateway



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



IP (Ethernet) or optional WiFi or LTE connectivity



160 wireless zones



Two-way voice for alarm verification



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 LTE connectivity. With the security 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. Elevated functionality enables two-way voice communication through the keypad, improving response time for alarm verification and reducing false alarms. You can easily tailor the HSGW-MAX's services to meet your family's needs anytime, anywhere.

SF1 Technology

HD image with accelerated speed

Integrated with SF1 technology, the systems revolutionize image sending speed, support transfer of HD images, or leverage VGA/QVGA alarm image transmission at faster speed.



Two-way voice for alarm verification

SF1-equipped security system introduces enhanced two-way voice communication (SFV models only), which allows the monitoring center to verify alarms and reduce false alarms compatible keypads.



Home Security

The HSGW-MAX integrates seamlessly with a wide range of security sensors—including PIR cameras for live visual monitoring and alarm verification, door/window contacts to detect unauthorized entry, infrared motion detectors for wide-area movement detection, panic buttons for instant emergency alerts, remote keypads for convenient system control, and more. This comprehensive system provides enhanced detection accuracy and streamlines alert responses.



Visual verification of elder's well being



Notify and get help during emergency



monitors the irregular opening / closing of doors and windows



Detects smashed windows and broken glass door



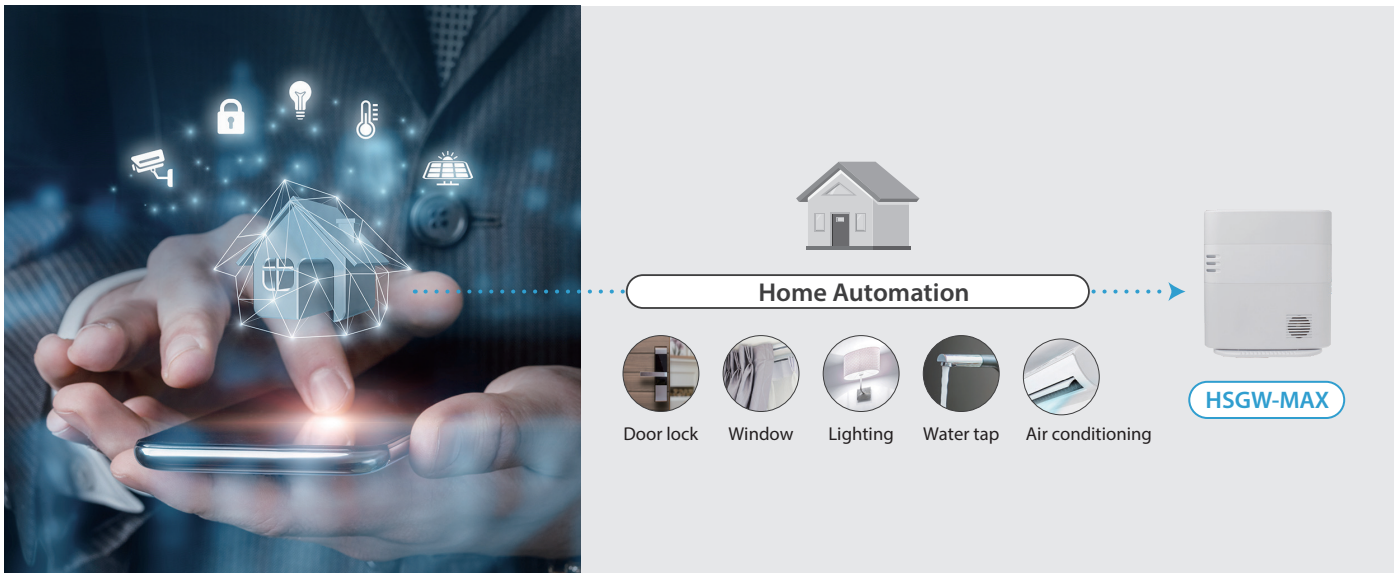
Two-way voice via remote keypad enables more precise alarm verification

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.

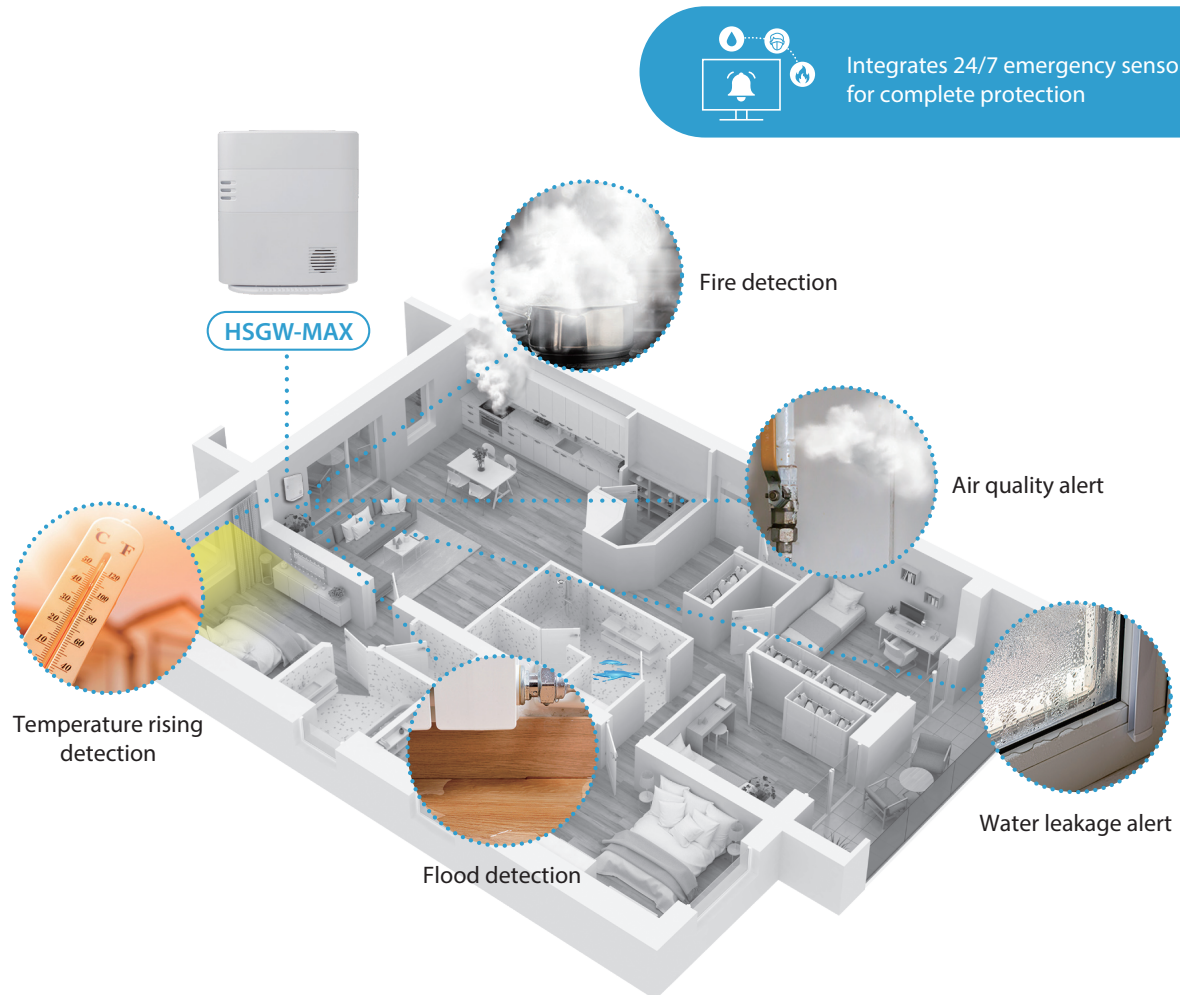


Integration of energy management sensor to keep track of power use



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.



Specifications

HSGW-MAX Home Security Gateway



	HSGW-MAX1	HSGW-MAX3	HSGW-MAX5	HSGW-MAX8-(SFV)	HSGW-MAX15
Communication Path	IP (Ethernet)				
Built-in Module					
Optional Expansion Via USB Dongle	LTE (requires 6B battery pack)				
Wireless Zones	160 zones				
Reporting Method	CID/SIA, Email, SMS, Push Notification				
Programming Method	Web and App				
Features					
Live Visual Verification	✓	✓	✓	✓	✓
Advance Home Automation	✓	✓	✓	✓	✓
Energy Management	✓	✓	✓	✓	✓
24/7 Emergency Monitoring	✓	✓	✓	✓	✓
Remote Management Via Mobile App & Web	✓	✓	✓	✓	✓
RF Devices Support	✓	✓		✓	✓
Built-in Siren	✓	✓	✓	✓	✓
Specifications					
ZigBee Protocol	L ?				
Z-Wave Protocol	L ?				
RF/SFV Frequencies	919 MHz (RF)				
QNCA	EU US				
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	L ?				
Power Supply	12V, 1A				
Backup Battery	7.2V, 600mAh, Ni-mH rechargeable battery pack (for LTE option); or 7.2V, 1100mAh Ni-mH rechargeable battery pack (for 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.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.