A New Era in Security & Automation

Home Security Gateway Series

Transforming Your Life

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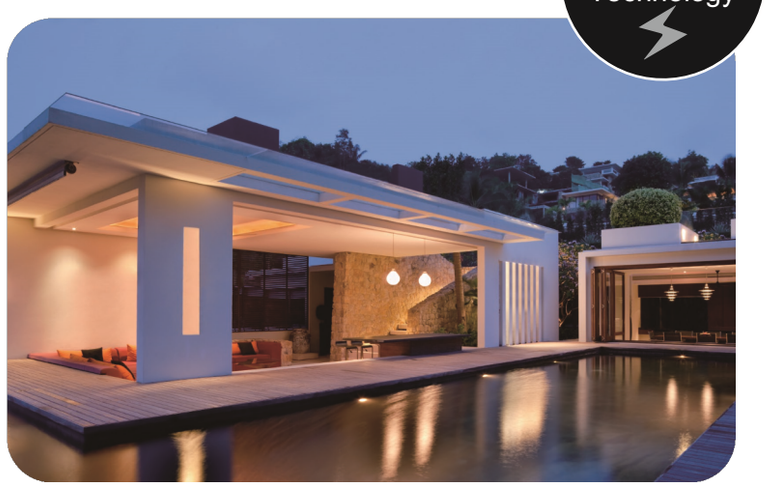
HSGW Home Security Gateway Series

Secure Your Peace of Mind

The HSGW is an IP-based multi-functional RF, ZigBee, and Z-Wave smart home security gateway with optional add-on of Wi-Fi or 3G/LTE capabilities, providing comprehensive solutions, including remote management, home security, live visual monitoring, home automation, energy management and emergency monitoring, designed to bring all-around convenience, comfort and safety.

Multiple
Communication Paths



Multiple Communication Paths

- 3G/LTE, IP (Ethernet), or WiFi Communication Paths
- Supports RF, ZigBee, or Z-Wave devices
- Optional expansion via USB dongle

Easy Management

Remote Management

- 160 zones
- Smartphone App (iOS & Android) and Web browser

World Leading 2-Km RF Range**

Smart Home
Services

Smart Home Services

Climax's HSGW Series provides comprehensive smart home services including remote control, home security, live visual monitoring, home automation, energy management and emergency monitoring.

World-Leading 2-Km RF Range**

The HSGW adopts Climax's ground-breaking Security@2km Wireless Technology that delivers RF communication range of 2 kilometres (1.5 miles), fast signal transmission and relentless reliability.

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Home Security

The Best Safety Lies in Smart Livin

VST-1818 R3
IP Camera

VST-862
Camera PIR
Motion DetectorPIR

EIR-32
Outdoor Pet-Immune
Motion Detector

The VST-1818 R3 IP camera, the VST-862 Camera PIR detector, and the EIR-32 outdoor pet-immune PIR motion detector deliver live video & alarm video/images for visual verification.

Live Visual Monitoring

The HSGW can be compatible with up to 6 IP cameras, and PIR cameras/PIR video cameras for visual verification and real-time monitoring. PIR Motion Cameras/IP Cameras captures images and record video clips when unauthorized motions are detected and sent to users and monitoring centers for immediate action.

Alarm Reporting

The IP-based HSGW can send alarm reporting in multiple formats, including alarm events in CID/SIA, SMS, Email, Push reporting via 3G/IP, and send videos and images over Email via IP.

Built-in Siren

The HSGW features a loud built-in siren to blare out immediate warning when emergencies occur. It can also incorporate additional indoor and outdoor sirens to establish a powerful early warning system.

Backup Battery

The HSGW have rechargeable battery backup, which means that the gateways will keep working even when the power is out, or if it was purposely sabotaged. When it comes to your security system, there is no room for error.

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Home Automation

Greater Comfort and Convenience

SCM-5 & SCS-1

Shutter Controller & Switch

WSS-4E

4-Scenario Switch

TMST-2ZW

Thermostat

AQS-1

Air Quality Sensor

Home Automation

The HSGW automates lights and appliances according to:

Temperature Settings

Custom Scenes & Schedules

Security Status

Group/Zone Settings

- ***One button press to execute movie mode scene to turn on TV, dim the lights, and close the shades***
- ***Set your lawn sprinklers on a weekly schedule***
- ***Set living room lights on at different intervals to appear the house is occupied even when it's not***

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PSM-29ZBS
Power Meter
Switch

EMD-1ZW
Energy
Meter

PRM5-ZBS
Power Meter &
Relay Switch

POVS-1ZBS
PIR Occupancy/
Vacancy Sensor

24-Hour Monitoring

The HSGW can incorporate various detectors, water sensors, air quality sensors, panic buttons, light and humidity sensors to protect user's family and property from damage cause by different hazards or air toxins. This round the clock monitoring ensures comprehensive prevention of disasters and quick response during alarm.

Energy Management

The HSGW 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.

SDCO-1
Carbon Monoxide
Detector

WLS-23
Water Leakage
Sensor

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Be in Control Wherever You Are

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, receive event reports and view alarm videos/images on a smartphone.

Available on the App Store

ANDROID APP ON Google play

Home Portal Server

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

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HSGW Series Comparison Chart

Model Number	**HSGW-G3**	**HSGW-G8**
Communication Path	**IP (Ethernet) and/or WiFi**	
Built-in Module	**RF & Zigbee or Z-Wave**	**3G/4G LTE, RF & Zigbee or Z-Wave**
Optional Expansion via USB Dongle	**WiFi, Z-Wave or 3G/LTE (Requires 8B 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	**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	**900 / 1800 / 2100MHz**	
LTE Frequencies	**800 / 900 / 1800 / 2100 / 2600MHz**	
WiFi Module	**802.11 b/g/n**	
Power Supply	**(4B) 9V, 1A or (6B) 12V, 1A**	
Backup Battery	**(8B) 7.2V, 2300mAh Ni-mH Rechargeable Battery Pack**	
Backup Battery Life	**(8B) 24hrs***	
Operating Temperature	**-10°C to 45°C (14°F to 113°F)**	
Operating Humidity	**Up to 85% non-condensing**	
Dimensions	**150mm x 140mm x 42mm**	

** Note: The actual battery life may vary with product settings, usage patterns and operating environment. **Note: The Range mentioned is based on standard test conditions. Range may vary considerable based on actual site conditions, different atmosphere and obstructions.*

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