



Now Compatible With  


## Home Security Gateway Series

Transforming Your Life

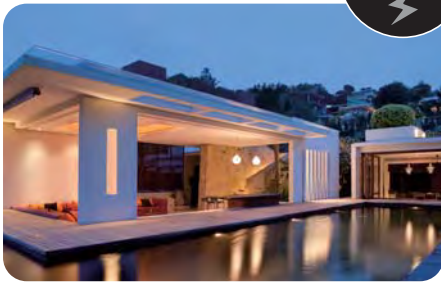
# HSGW Home Security Gateway Series

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/4G 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



Easy Management

## Multiple Communication Paths

- 3G/4G, IP (Ethernet), or WiFi Communication Paths
- Supports ZigBee, Z-Wave or RF devices
- Optional expansion via USB dongle

## Remote Management

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

## 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.



Smart Home  
Services



World-Leading  
2-Km RF Range

## World-Leading 2-Km RF Range

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



## Home Security

*The Best Safety Lies in Smart Living*



### Live Visual Monitoring

The HSGW can integrate IP cameras and camera PIR sensors to deliver live visual monitoring and visual verification. When an emergency occurs, real-time alerts are sent to the user and monitoring personnel prompting them to verify the event by viewing the captured alarm images or video on a mobile device or PC.



### Alarm Reporting

The IP-based HSGW reports alarm events in CID/SIA formats and sends videos and images via email/FTP over IP.

### Built-in Siren

The HSGW features a 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.



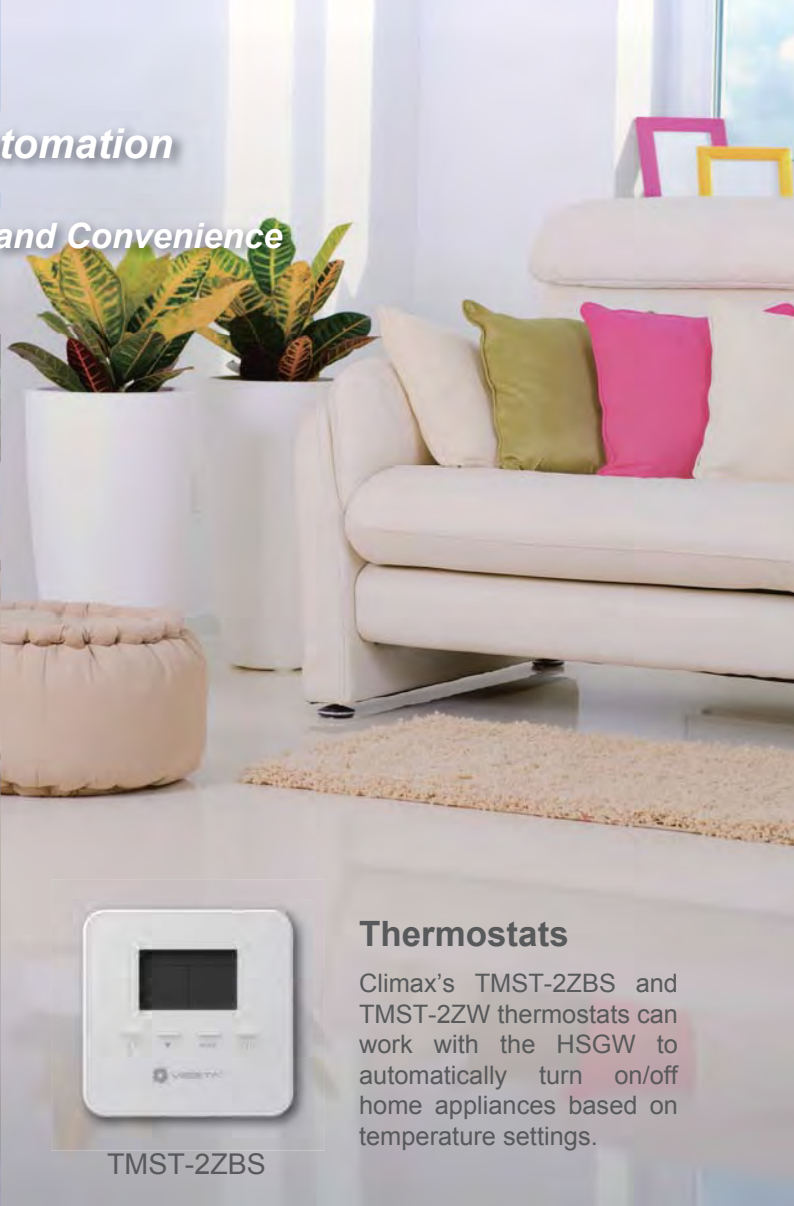
The VST-1818 IP camera, the VST-873 PIR video camera and the VST-852 PIR camera deliver live video and alarm videos/images for visual verification.

### Three "Home Armed" Modes

When the user is at home, the HSGW's three "home armed" modes provide flexible levels of protection to safeguard the house.

## Home Automation

Greater Comfort and Convenience



### Lighting

Lights controlled by the HMGW and its power switches are automatically turned on/off or dimmed according to custom scenes/schedules.



PSMD-29ZBS



TMST-2ZBS

### Thermostats

Climax's TMST-2ZBS and TMST-2ZW thermostats can work with the HSGW to automatically turn on/off home appliances based on temperature settings.



## Home Automation

The HSGW incorporates ZigBee and/or Z-Wave accessories to automate your home and enhance your life quality. You can easily tailor the HSGW's services to meet your family's needs anytime via the Vesta Home App on a smartphone and web browser.

The HSGW automates lights and appliances according to:



Temperature settings



Custom scenes and schedules



Security status



Group/zone settings





## Energy Management

*Live Greener with Lower Costs*



## Emergency Monitoring

*Protect Your Home from Fire, Flooding and Air Toxics*



PSM-29ZBS  
Power Meter  
Switch



EMD-1ZBS  
Energy  
Meter



CLMT-1ZBS  
Clamp Energy  
Meter



PRM2-ZBS  
Power Meter  
plus Relay  
Switch

## 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 bills.

## 24-Hour Emergency Monitoring

Smoke detectors, water sensors, carbon monoxide detectors and heat detectors can be installed in the HSGW network to protect your family and property from damage caused by fire, water or air toxics. The HSGW's 24-hour attribute can set these devices in 24-hour mode, enabling the devices to trigger alarms based on the system status.



SD-8ZBS-EL  
Smoke Detector



HD-9ZBS  
Heat Detector



CO-8ZBS  
Carbon  
Monoxide  
Detector



WS-15ZBS  
Water Sensor

## Remote and Mobile Control

### Home Portal Server

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



### 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.



*Be in Control Wherever You Are*

## The HSGW Series Comparison Chart



	HSGW-G1	HSGW-G3	HSGW-G5	HSGW-G8	HSGW-G15
Communication Path	IP (Ethernet), and/or WiFi				
Built-in Module Options	ZigBee or Z-Wave	RF and ZigBee or Z-Wave	ZigBee and Z-Wave	RF, 3G/4G, and ZigBee or Z-Wave	RF, ZigBee, and Z-Wave
Optional Expansion via USB Dongle	WiFi, Z-Wave, or 3G/4G (requires 6B battery pack)				
Wireless Zones	160 zones				
Reporting Method	CID/SIA, Email, SMS, Push Notification				
Programming Method	Web				
<b>Features</b>					
Live Visual Verification	✓	✓	✓	✓	✓
Advanced Home Automation	✓	✓	✓	✓	✓
Energy Management	✓	✓	✓	✓	✓
24/7 Emergency Monitoring	✓	✓	✓	✓	✓
Remote Management via Mobile App & Web	✓	✓	✓	✓	✓
RF Devices Support	N/A	✓	N/A	✓	✓
Built-in Siren	✓	✓	✓	✓	✓
<b>Specifications</b>					
ZigBee Protocol	ZigBee Pro HA 1.2, 2.4GHz				
Z-Wave Protocol	Z-Wave 868.42MHz (EU) / 908.42MHz (US)				
RF Frequencies	433MHz / 868MHz				
3G/4G Frequencies	2100 / 1900 / 1800 / 1700 / 850 / 800 / 2600 / 900MHz				
WiFi Module	802.11 b/g/n				
Power Supply	(4B) 9V/1A AC-DC; (6B) 12V/2A AC-DC				
Backup Battery	(4B) 4.8V, 1100 mAh, Ni-mH rechargeable battery pack or (6B) 7.2V, 1100 mAh, Ni-mH rechargeable battery pack (required for 3G/4G or 3G dongle option)				
Backup Battery Life	(4B) 5.5hrs* or (6B) 12hrs*				
Operating Temperature	-10°C to 45°C (14°F to 113°F)				
Operating Humidity	Up to 85% non-condensing				
Dimensions	150mm x 140mm x 42.3mm				

\* Battery backup time varies by usage and configuration.

## Ordering Information

<b>HSGW-G1-4B/6B-ZBS</b>	IP Gateway with built-in ZigBee module
<b>HSGW-G1-4B/6B-ZBS-WIFI</b>	IP Gateway with built-in ZigBee module and WIFI connections
<b>HSGW-G1-4B/6B-ZW</b>	IP Gateway with built-in Z-Wave module
<b>HSGW-G1-4B/6B-ZW-WIFI</b>	IP Gateway with built-in Z-Wave module and WIFI connections
<b>HSGW-G3-4B/6B-ZBS-F1 433/868</b>	IP Gateway with built-in RF and ZigBee module
<b>HSGW-G3-4B/6B-ZBS-F1 433/868-WIFI</b>	IP Gateway with built-in RF and ZigBee module and WIFI connections
<b>HSGW-G3-4B/6B-ZW-F1 433/868</b>	IP Gateway with built-in RF and Z-Wave module
<b>HSGW-G3-4B/6B-ZW-F1 433/868-WIFI</b>	IP Gateway with built-in RF and Z-Wave module and WIFI connections
<b>HSGW-G5-4B/6B-ZBS-ZW</b>	IP Gateway with built-in ZigBee and Z-Wave module
<b>HSGW-G5-4B/6B-ZBS-ZW-WIFI</b>	IP Gateway with built-in ZigBee and Z-Wave modules and WIFI connections
<b>HSGW-G8-6B-ZBS-F1 433/868</b>	IP Gateway with built-in RF, 3G/4G, and ZigBee module
<b>HSGW-G8-6B-ZBS-F1 434/868-WIFI</b>	IP Gateway with built-in RF, 3G/4G, ZigBee module and WIFI connections
<b>HSGW-G8-6B-ZW-F1 433/868</b>	IP Gateway with built-in RF, 3G/4G, and Z-Wave module
<b>HSGW-G8-6B-ZW-F1 433/868-WIFI</b>	IP Gateway with built-in RF, 3G/4G, Z-Wave module and WIFI connections
<b>HSGW-G15-4B/6B-ZBS-ZW-F1 433/868</b>	IP Gateway with built-in ZigBee, Z-Wave, and RF modules
<b>HSGW-G15-4B/6B-ZBS-ZW-F1 433/868-WIFI</b>	IP Gateway with built-in ZigBee, Z-Wave, and RF modules and WIFI connections