Home Management Gateway Series

Transforming Your Life

Climax

HMGW Home Management Gateway Series

Think Smart. Live Smart.

The HMGW is an IP-based alarm system with RF/ZigBee/Z-Wave and optional Wi-Fi capabilities, one of the world's most versatile and powerful smart home solutions designed to bring all-around convenience, comfort and safety to your life.

Smart Home Services

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

Easy Management

- 160 zones (2 areas)
- Mobile control

F1 Technology, ZigBee, Z-Wave and Wi-Fi

- F1 technology supports unprecedented radio frequency (RF) communication range of 2 kilometers
- Supports ZigBee and/or Z-Wave devices
- Optional Wi-Fi capabilities

World-Leading 2-Km RF Range

The HMGW 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.

The Best Safety Lies in Smart Living

Live Visual Monitoring

The HMGW can integrate up to 6 IP cameras and 6 PIR cameras/PIR video cameras 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.
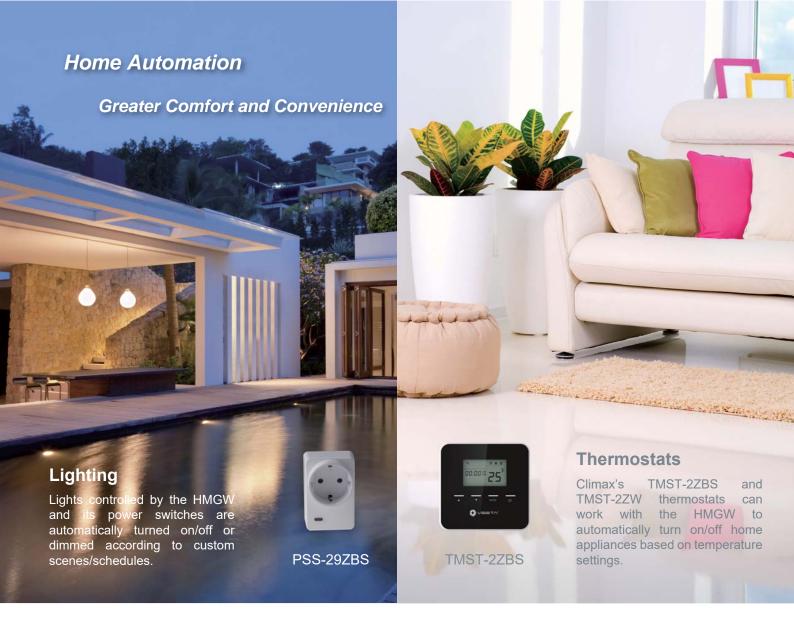
Alarm Reporting

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

Built-in Siren

The HMGW 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.

Three "Home Armed" Modes

When the user is at home, the HMGW's three "home armed" modes provide flexible levels of protection to both safeguard the house and allow the user to move around without triggering an alarm.

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.

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.

PSS-29ZBS

TMST-2ZBS

Thermostats

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

Home Automation

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

The HMGW automates lights and appliances according to:

Temperature settings

Custom scenes and schedules

Security status

Group/zone settings

Emergency Monitoring

Protect Your Home from Fire, Flooding and Air Toxics

Energy Management

Live Greener with Lower Costs

PSM-29ZBS
Power Meter
Switch

PRS2-ZBS
Power Relay
Switch

PSD-29ZBS
Dimmer Switch

PRM2-ZBS
Power Meter
plus Relay
Switch

Energy Management

The HMGW 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 HMGW network to protect your family and property from damage caused by fire, water or air toxics. The HMGW's 24-hour attribute can set these devices in 24-hour mode, enabling the devices to trigger alarms whatever the system status.

SD-8ZBS-EL
Smoke Detector

HD-9ZBS
Heat Detector

CD-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 HMGW 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 HMGW, receive event reports and view alarm videos/images on a smartphone or tablet.

Be in Control Wherever You Are

HMGW Features and Specifications

	HMGW-1ZBS	HMGW-1ZW	HMGW-3	HMGW-15
Zone Information				
Zones	160	160	160	160
Areas	2	2	2	2
Alarm Reporting				
Communications path	IP	IP	IP	IP
Standard CID/SIA reporting	Over IP	Over IP	Over IP	Over IP
Video/image reporting	Email/FTP over IP	Email/FTP over IP	Email/FTP over IP	Email/FTP over IP
Compatible Devices/Services				
ZigBee devices	•		•	•
Z-Wave devices	Via an optional Z-Wave module	•	Via an optional Z-Wave module	•
Climax F1 Series of RF devices			•	
IP cameras, PIR cameras and PIR video cameras	•	IP cameras only	•	•
Optional Wi-Fi module	•	•	•	•
External sirens	•	•	•	•
Home Portal Server	•	•	•	•
Vesta Home App	•	•	•	•
System Capabilities				
Home automation	•	•	•	•
Energy management	•	•	•	•
Visual verification	•	Via IP cameras only	•	•
Built-in siren	•	•	•	•
3 "home armed" modes	•	•	•	•
App programming on tablets and web programming	•	•	•	•
Event log	500	500	500	500
Remote firmware update	•	•	•	•
Specifications				
Communications protocol(s)	ZigBee Pro HA 1.2	Z-Wave	ZigBee Pro HA 1.2	ZigBee Pro HA 1.2 & Z-Wave
ZigBee frequency	2.4 GHz		2.4 GHz	2.4 GHz
Z-Wave frequency		Europe: 869.85MHz America: 916MHz		Europe: 869.85MHz America: 916MHz
RF frequency			433MHz/868.6375MHz/ 868.35MHz	
Power supply	AC-DC 9V/1A power adapter			
Backup battery	4.8V NiMH rechargeable battery x 1			
Battery backup time*	9 hours			
Operating temperature	-10°C to +45°C			
Operating humidity	Up to 85% non-condensing			
Dimensions	153mm x 132mm x 30mm			
Compliance listings	CE (R&TTE Directive)/EN 300220-1&2/EN 300328/EN 301489-1&3&17/EN 60950-1/EN 62311			

*Note: Actual battery life may vary with settings, conditions, operating environment and usage.

Ordering Information

HMGW-1ZBS   IP gateway with a built-in ZigBee module

HMGW-1ZW   IP gateway with a built-in Z-Wave module

HMGW-3   IP gateway with built-in RF and ZigBee modules

HMGW-15   IP gateway with built-in ZigBee and Z-Wave modules

All models are compatible with a Wi-Fi module.