



Home Management Gateway Series

Transforming Your Life

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



Easy Management

Smart Home Services

Our 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 our groundbreaking Security@2km Wireless Technology that delivers RF communication range of 2 kilometers (1.5 miles), fast signal transmission, and relentless reliability.



World-Leading 2-Km RF Range



F1 Technology

Home Security

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.



VST-1818 R3
IP Camera



VST-862
Camera PIR
Motion Detector

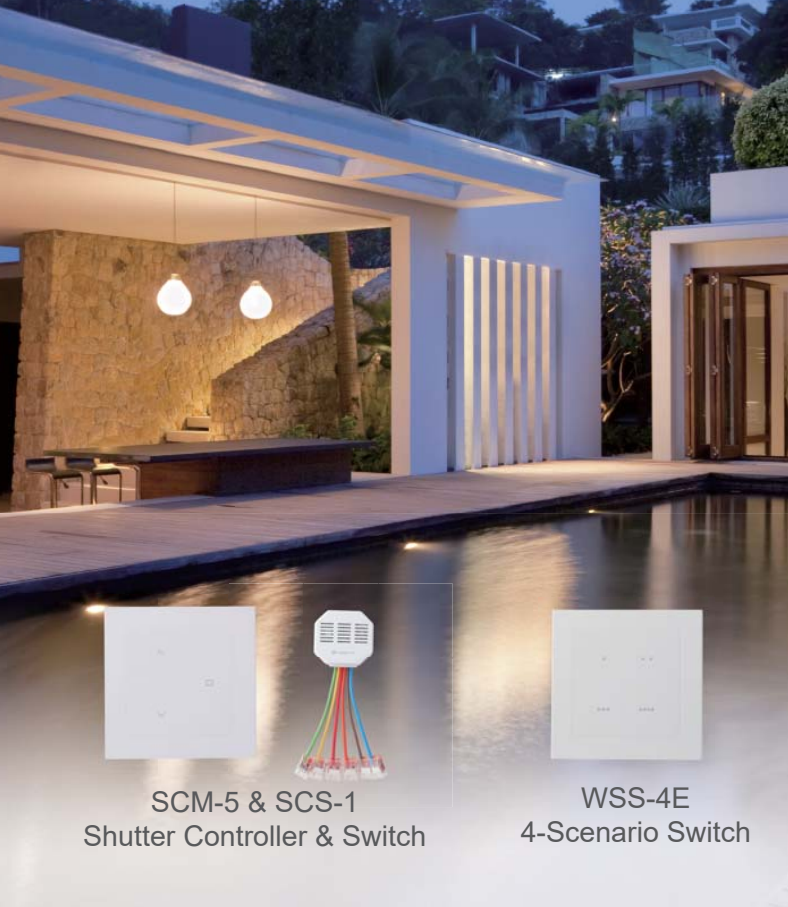


EIR-32
Outdoor Pet-Immune
PIR Motion Detector

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 and alarm videos/images for visual verification.

Home Automation

Greater Comfort and Convenience



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



Energy Management

Live Greener with Lower Costs



Emergency Monitoring

Protect Your Home from Fire, Flooding and Air Toxics



PSM-29ZBS
Power Meter
Switch



EMD-1ZW
Energy
Meter



PRM5-ZBS
Power Meter &
Relay Switch



POVS-1ZBS
PIR Occupancy/
Vacancy Sensor

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-29
Smoke Detector
with motion,
temperature
sensor &
Emergency light



Mini-SD
Mini Smoke &
Heat Detector



SDCO-1
Carbon Monoxide
Detector



WLS-23
Water Leakage
Sensor

Remote and Mobile Control

Home Portal Server

Home Portal Server, our 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
Communication Path	IP (Ethernet) and/or WiFi			
Built-in Module Options	ZigBee	Z-Wave	RF and ZigBee	ZigBee and Z-Wave
Optional Expansion via USB Dongle	Z-Wave or WiFi			
Wireless Zones	160 zones			
Reporting Method	CID/SIA, Email, SMS, Push Notification, Voice Reporting			
Programming Method	Web			
Compatible Devices/Services				
ZigBee Devices Support	✓		✓	✓
Z-Wave Devices Support		✓		✓
F1 RF Devices Support			✓	
F1 PIR Motion Sensor Camera Support (Visual Verification)			✓	
IP Security Camera Support	✓	✓	✓	✓
Features/Capabilities				
Advanced Home Automation	✓	✓	✓	✓
24/7 Emergency Monitoring	✓	✓	✓	✓
Energy Management	✓	✓	✓	✓
Remote Management via Mobile App & Web	✓	✓	✓	✓
Remote Firmware Update	✓	✓	✓	✓
Built-in Siren	✓	✓	✓	✓
Specifications				
ZigBee Protocol	ZigBee Pro HA 1.2, 2.4GHz			
Z-Wave Protocol	Z-Wave Plus 500, 868.40MHz (EU) / 908.40MHz (US)			
RF Frequencies	433MHz / 868MHz			
WiFi Module	802.11 b/g/n			
Power Supply	9V @ 1A		9V @ 1A or 12V @ 1A	9V @ 1A
Backup Battery (rechargeable)	4.8V, 1100mAh		4.8V, 1100mAh or 7.2V, 600mAh	4.8V, 1100mAh
Backup Battery Life	9 hours*		7 hours or 6 hours*	9 hours*
Operating Temperature	-10°C to 45°C (14°F to 113°F)			
Operating Humidity	Up to 85% non-condensing			
Dimensions	153mm x 132mm x 30mm			

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

Ordering Information

HMGW-1-DT8-ZBS	IP Gateway with built-in ZigBee module
HMGW-1-DT8-ZW	IP Gateway with built-in Z-Wave module
HMGW-3-DT8-868/F1868/F1433-ZBS	IP Gateway with built-in F1 RF and ZigBee module
HMGW-3-RESA-DT8-F1868/F1433-ZBS	IP Gateway with built-in F1 RF and ZigBee module
HMGW-3-RESA-DT8-F1868-ZBS-6B	IP Gateway with built-in F1 RF and ZigBee module, and 12V power supply
HMGW-15-DT8-ZBS-ZW	IP Gateway with built-in ZigBee and Z-Wave module