



Home Passport Gateway Series

Simplify Your Life with Smart Solutions

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Protecting your love ones

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HPGW Series - Home Passport Gateway Series



HPGW Series is a Home Passport Gateway, a breakthrough product in the intrusion alarm market. By integrating Security Alarm, Home Automation, Senior Care and Energy Management into one piece, HPGW Series brings the smart home solution to enhance safety, convenience and energy saving for home owners.

Home Portal™ Server is a smart home platform, providing a broad range of remote services for users to monitor and control your system remotely via PC or smart phones over the internet. HPGW Series can combine with Home Portal™ Server, ensuring everything you value most can be controlled just by a simple click. Services of security control, alarm event notification, home control, energy control, and video verification can easily be accessed. Vesta Home App is also available for users to enjoy smart home services of Home Portal™ Server just on iPhone or Android phone. You can operate the alarm system just on your smart phones. If an alarm event happens in a protected area, you can receive timely alerts without delay to ensure the safety of home. Besides, you can use the Home Automation feature to control home appliances for comfort or energy saving.

This alarm system you control and manage is viewable at a glance and accessible with a simple click. Combined with Home Portal™ server, it sets up a new standard for home security and brings extremely brand-new home control experience.

Intelligent Security Alarm Systems

Designed for Flexibility (Only for HPGW)

Combined with built-in RF and ZigBee modules, HPGW offers the flexibility to support traditional RF and ZigBee devices for different applications. With optional choices of PSTN, GSM, DECT, Bluetooth and Z-Wave modules, users can flexibly choose the features that they require for their home environments. With many outstanding features and flexibility, HPGW is highly effective for a wide range of security demands.

Climax offers optional choices to meet different demands:

HPGWL-1 is a standard IP Alarm System with built-in RF and ZigBee modules.

HPGWL-2 is a standard IP Alarm System with built-in RF, ZigBee and GSM/ GPRS modules.

HPGWL-3 is a standard IP Alarm System with built-in RF, ZigBee, GSM/ GPRS, and DECT modules.

HPGWL-5 is a standard IP Alarm System with built-in RF, ZigBee, GSM/ GPRS, and Z-Wave modules.

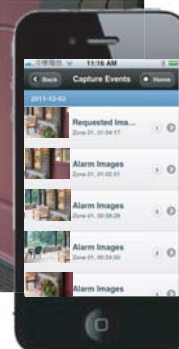
Keeping a Watchful Eye on your Home

Compatible with PIR Video Camera/PIR Camera, HPGW Series enables movement detection and video/image capturing upon an alarm event. Upon an alarm, a 10-second video clip/3 images will be captured with timestamp and transmitted through MMS, Email or FTP. You also can remotely view the real-time video or images via a SMS message. This direct access allows you to respond immediately and ensures your safety. More, it can work with IP cameras to enable users to remotely monitor their properties over the internet or on your web-enabled phone at any time, any place.



VST-852/ VST-873/
VST-852Pro VST/873 Pro

PIR Video Camera/PIR Camera
for motion detection and
capturing 10-second video clip/
alarm images whenever an
alarm is triggered



- You can directly view alarm video or images just on your iPhone or Android phone
- You can also request a compatible PIR video camera/PIR camera to capture a 10s video clip or image to ensure the safety of home.

ZigBee Smart Home Automation

HPGW Series adopts ZigBee Pro HA technology, providing more reliability and expandability in the mainstream market. Combined with the Home Automation function, HPGW Series can automatically control a variety of home devices, such as cooling, heating, lighting and appliances by schedule, alarm activation, mode change or temperature settings.

Programmable Thermostat Function

With the programmable thermostat function, users can set 3 temperature levels as reference (such as comfort temperature, eco temperature and freeze control level) for home appliances to regulate themselves by preset temperature levels. If the room temperature is above or below the comfort temperature level you set, the control panel can enable the corresponding home appliances, such as cooling or heater to turn on. Or if the room temperature is within the range of the eco temperature level, the cooling or heater can be programmed to be turned off, keeping your home comfortable while saving money on energy use. Home appliances can be programmed to be operated at setpoints for comfort or energy saving.

Home Appliances Control

Home application can be controlled by schedule, temperature, alarm activation and mode change. Users can flexibly configure their home appliances by different conditions, enabling home owners to live in a smarter and more convenient life. Furthermore, you can flexibly set the lighting to be turned ON/OFF at a preset schedule to pretend you are at home while you are away on vacation. It not only gives you a more pleasant home environment, but creates a more secure place for living.



- Programmable Thermostat Function for controlling cooling or heating.
- Lighting/other home appliances control.

Smart Home Control

Via Vesta Home application or IP configuration page, you can use home management services and remotely control HPGW Series just on your iPhone or Android phones or computer. HPGW Series gives you more flexibility and convenience to control your security system, bringing you extremely brand-new home control experience.



Control via PC



Control on iPhone or Android phones

Senior Care

HPGW and HPGWL-3 are compatible with health care devices to form a protection line for you and your loved ones. Emergency help can be easily made with a simple of touch on Climax's patented Talking Pendant (WTRVS), Emergency Communicator (CP-23), or Voice Satellite (VST-809/CTC-808RV). You don't need to move the Control Panel after an emergency call is made to open a two-way communication channel. It allows immediate post-alarm voice follow-up without any delay and effort.



WTRVS



CP-23



CTC-808RV

Energy Management

Compatible with the Power Switch Metering device, HPGW Series enables users to view their home's energy information online, such as voltage, current and power. It offers the best way to control the electric load and enhance the convenience, safety and comfort of the home environment.



Power switch metering for measuring power consumption of individual appliance

Compatible with ZigBee Devices

With the optional choice of Z-Wave module, HPGWL-5 can work with Z-Wave devices for remote control and power management.

HPGW

Features:

- Multiple area configuration. Each area supports up to 80 zones.
- Optional choices of PSTN, GSM, DECT, Bluetooth and Z-Wave modules for different home environments
- Combined with RF and ZigBee Modules to support RF and ZigBee devices (supports 70 ZigBee devices in total for one unit).
- Alarm event reporting:
 - Standard CID/SIA reporting over PSTN, GSM/GPRS or Ethernet
 - Modified CID reporting via SMS(Text/CID)/GPRS
 - Image reporting through MMS/Email/FTP over GSM/GPRS or Ethernet
- Compatible with PIR video cameras and IP cameras for video verification
- Advanced Image wireless link:
 - 2-Way supervised radio network, supervision every 30 minutes
 - AES encryption key
 - 2.4Ghz DSSS (Direct-Sequence Spread Spectrum)
- Each sensor's response table can be set by different arming modes: Arm / Home 1/Home 2 /Home 3/ Disarm.
- Via Vesta Home App or IP configuration page, user can remotely control HPGW just on iPhone , Android phones or computer.
- ZigBee Home automation : programmable feature to automatically control home appliances by schedule, different temperature levels, alarm, or mode change.
- Supports Power Switch Metering to measure power consumption and monitor energy use
- Senior Care: compatible with Talking Pendant (WTRVS), Voice Satellite (VST-809/CTC-808RV) or Emergency Communicator (CP-23) to summon help without any delay
- Polling function included as port forwarding backup
- Easy IP setup design
- XMPP support for real-time communication between a server and clients (iPhone or Android phones)
- Compliant with CE 0681 (R&TTE Directive)/ EN 300220-1&2/ EN 300328/ EN 301489-1&3&17/ EN 60950-1/ EN 62311



Specifications:

- Quad band GPRS/GSM communication (850/900/1800/1900)
- ZigBee communication protocol: ZigBee Pro HA profile
- Power: 12V DC 2A
- Back up battery: 1600 mAh Ni-mH rechargeable battery x 1
- Battery back up time: 16 hours
- Frequencies: 433 MHz / 868.6375 MHz Narrow Band FM / 868.35 MHz FM
- Range: 433 MHz: Over 200 meters in open space
868.6375 MHz Narrow Band FM or 868.35 MHz FM: Over 300 meters in open space
- Temperature Range: -10° to 45°C
- Humidity: up to 90% non-condensing
- Dimension: 282 x 185 x 31.5 mm

HPGWL-1

Features:

- Multiple area configuration. Each area supports up to 80 zones.
- Combined with RF and ZigBee Modules to support RF and ZigBee devices (supports 70 ZigBee devices in total for one unit)
- Alarm event reporting:
 - Standard CID/SIA reporting over Ethernet
 - Alarm image reporting through Email/FTP over Ethernet
- Compatible with PIR video cameras and IP cameras for video verification
- Advanced Image wireless link:
 - 2-Way supervised radio network, supervision every 30 minutes
 - AES encryption key
 - 2.4Ghz DSSS (Direct-Sequence Spread Spectrum)
- Each sensor' s response table can be set by different arming modes: Arm / Home 1/Home 2 /Home 3/ Disarm.
- Via Vesta Home App or IP configuration page, user can remotely control HPGWL-1 just on iPhone , Android phones or computer.
- ZigBee Home automation : programmable feature to automatically control home appliances by schedule, different temperature levels, alarm, or mode change.
- Supports Power Switch Metering to measure power consumption and monitor energy use
- Polling function included as port forwarding backup
- Easy IP setup design
- XMPP support for real-time communication between a server and clients (iPhone or Android phones)
- Comply with CE 0681 (R&TTE Directive)/ EN 300220-1&2/ EN 300328/ EN 301489-1&3&17/ EN 60950-1/ EN 62311



Specifications:

- ZigBee communication protocol: ZigBee Pro HA profile
- Power: 12V DC 2A
- Back up battery: 1600 mAh Ni-mH rechargeable battery x 1
- Battery back up time: 15 hours
- Frequencies: 433 MHz / 868.6375 MHz Narrow Band FM / 868.35 MHz FM
- Range: 433 MHz: Over 200 meters in open space
868.6375 MHz Narrow Band FM or 868.35 MHz FM: Over 300 meters in open space
- Temperature Range: -10° to 45°C
- Humidity: up to 90% non-condensing
- Dimension: 135 x 169 x 27 mm

HPGWL-2

Features:

- Multiple area configuration. Each area supports up to 80 zones.
- Combined with RF and ZigBee Modules to support RF and ZigBee devices (supports 70 ZigBee devices in total for one unit)
- Alarm event reporting:
 - Standard CID/SIA reporting over GSM/GPRS or Ethernet
 - Modified CID reporting via SMS(Text/CID) over GSM
 - Image report through MMS/Email/FTP over GSM/GPRS or Ethernet
- Compatible with PIR video cameras and IP cameras for video verification
- Advanced Image wireless link:
 - 2-Way supervised radio network, supervision every 30 minutes
 - AES encryption key
 - 2.4Ghz DSSS (Direct-Sequence Spread Spectrum)
- Each sensor' s response table can be set by different arming modes: Arm / Home 1/Home 2 /Home 3/ Disarm.
- Via Vesta Home App or IP configuration page, user can remotely control HPGWL-2 just on iPhone , Android phones or computer.
- ZigBee Home automation : programmable feature to automatically control home appliances by schedule, different temperature levels, alarm, or mode change.
- Supports Power Switch Metering to measure power consumption and monitor energy use
- Polling function included as port forwarding backup
- Easy IP setup design
- XMPP support for real-time communication between a server and clients (iPhone or Android phones)
- Compliant with CE 0681 (R&TTE Directive)/ EN 300220-1&2/ EN 300328/ EN 301489-1&3&17/ EN 60950-1/ EN 62311



Specifications:

- Quad band GPRS/GSM communication (850/900/1800/1900)
- ZigBee communication protocol: ZigBee Pro HA profile
- Power: 12V DC 2A
- Back up battery: 1600 mAh Ni-mH rechargeable battery x 1
- Battery back up time: 16 hours
- Frequencies: 433 MHz / 868.6375 MHz Narrow Band FM / 868.35 MHz FM
- Range: 433 MHz: Over 200 meters in open space
868.6375 MHz Narrow Band FM or 868.35 MHz FM: Over 300 meters in open space
- Temperature Range: -10° to 45°C
- Humidity: up to 90% non-condensing
- Dimension: 135 x 169 x 27 mm

HPGWL-3

Features:

- Multiple area configuration. Each area supports up to 80 zones.
- Combined with RF and ZigBee Modules to support RF and ZigBee devices (supports 70 ZigBee devices in total for one unit).
- Alarm event reporting:
 - Standard CID/SIA reporting over GSM/GPRS or Ethernet
 - Modified CID reporting via SMS(Text/CID) over GSM
 - Image reporting through MMS/Email/FTP over GSM/GPRS or Ethernet
- Compatible with PIR video cameras and IP cameras for video verification
- Advanced Image wireless link:
 - 2-Way supervised radio network, supervision every 30 minutes
 - AES encryption key
 - 2.4Ghz DSSS (Direct-Sequence Spread Spectrum)
- Each sensor' s response table can be set by different arming modes: Arm / Home 1/Home 2 /Home 3/ Disarm.
- Via Vesta Home App or IP configuration page, user can remotely control HPGW just on iPhone , Android phones or computer.
- ZigBee Home automation : programmable feature to automatically control home appliances by schedule, different temperature levels, alarm, or mode change.
- Supports Power Switch Metering to measure power consumption and monitor energy use
- Senior Care: compatible with talking pendant series (WTRVS), voice satellite (VST-809/CTC-808RV) and emergency communicator (CP-23) to summon help without any delay
- Polling function included as port forwarding backup
- Easy IP setup design
- XMPP support for real-time communication between a server and clients (Phone or Android phones)
- Compliant with CE 0681 (R&TTE Directive)/ EN 300220-1&2/ EN 300328/ EN 301489-1&3&17/ EN 60950-1/ EN 62311



Specifications:

- Quad band GPRS/GSM communication (850/900/1800/1900)
- ZigBee communication protocol: ZigBee Pro HA profile
- Power: 12V DC 2A
- Back up battery: 1600 mAh Ni-mH rechargeable battery x 1
- Battery back up time: 16 hours
- Frequencies: 433 MHz / 868.6375 MHz Narrow Band FM / 868.35 MHz FM
- Range: 433 MHz: Over 200 meters in open space
868.6375 MHz Narrow Band FM or 868.35 MHz FM: Over 300 meters in open space
- Temperature Range: -10° to 45°C
- Humidity: up to 90% non-condensing
- Dimension: 135 x 169 x 27 mm

HPGWL-5

Features:

- Multiple area configuration. Each area supports up to 80 zones
- Combined with RF and ZigBee Modules to support RF and ZigBee devices (supports 70 ZigBee devices in total for one unit)
- Alarm event reporting:
 - Standard CID/SIA reporting over GSM/GPRS or Ethernet
 - Modified CID reporting via SMS(Text/CID) over GSM
 - Image reporting through MMS/Email/FTP over GSM/GPRS or Ethernet
- Compatible with PIR video cameras and IP cameras for video verification
- Advanced Image wireless link:
 - 2-Way supervised radio network, supervision every 30 minutes
 - AES encryption key
 - 2.4Ghz DSSS (Direct-Sequence Spread Spectrum)
- Each sensor's response table can be set by different arming modes: Arm / Home 1/Home 2 /Home 3/ Disarm
- Via Vesta Home application or IP configuration page, user can remotely control HPGW just on iPhone , Android phones or computer.
- ZigBee Home automation : programmable feature to automatically control home appliances by schedule, different temperature levels, alarm, or mode change
- Supports Power Switch Metering to measure power consumption and monitor energy use
- Supports Z-Wave devices for remote control and power management
- Polling function included as port forwarding backup
- Easy IP setup design
- XMPP support for real-time communication between server and client communication (iPhone or Android mobile phones)
- Compliant with CE 0681 (R&TTE Directive)/ EN 300220-1&2/ EN 300328/ EN 301489-1&3&17/ EN 60950-1/ EN 62311



Specifications:

- Quad band GPRS/GSM communication (850/900/1800/1900)
- ZigBee communication protocol: ZigBee Pro HA profile
- Power: 12V DC 2A
- Back up battery: 1600 mAh Ni-mH rechargeable battery x 1
- Battery back up time: 16 hours
- Frequencies: 433 MHz / 868.6375 MHz Narrow Band FM / 868.35 MHz FM
- Range: 433 MHz: Over 200 meters in open space
868.6375 MHz Narrow Band FM or 868.35 MHz FM: Over 300 meters in open space
- Temperature Range: -10° to 45°C
- Humidity: up to 90% non-condensing
- Dimension: 135 x 169 x 27 mm

