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Home Passport Gateway Series
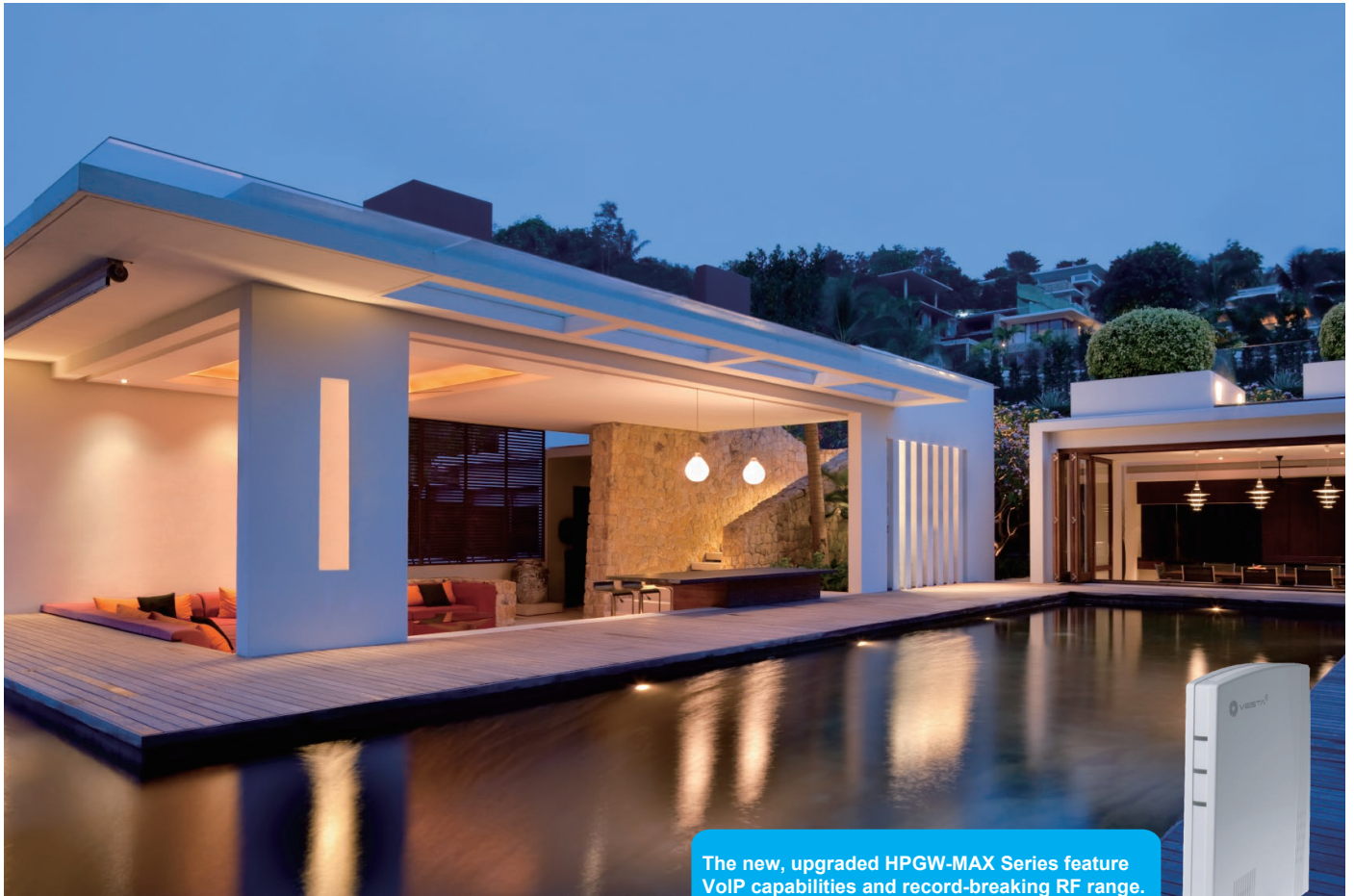
The Epitome of Smart Living

Climax

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Home Passport Gateway Series

A Versatile and Simple Solution for Smart Living

The new, upgraded HPGW-MAX Series feature VoIP capabilities and record-breaking RF range.

Climax's HPGW-MAX Series, one of the world's most versatile and powerful smart home solutions, integrates security monitoring, home automation, energy management, and senior care all into one system. The system supports VoLTE (voice over LTE), offering better quality of voice communication and calling experience. Moreover, this upgraded gateway series with VoIP capabilities and record-breaking RF range transforms the way homes or businesses are run, creates multi-faceted benefits that save energy, time, and money, and introduces users to unprecedented convenience and comfort.

Making Home Safe

- Alarm system with multiple communications modules
- World-leading 2-km RF range
- Total visual monitoring solution
- VoIP capabilities
- Advanced security features
- Senior care

Making Home Smart and Simple

- ZigBee and Z-Wave home automation systems
- Custom scenes, schedules, and rules operate home appliances
- Remote control of lights, thermostats, and locks
- Energy management

You're in Control

- The CMS can remotely manage the HPGW-MAX via Home Portal Server
- Users can control the HPGW-MAX via the Vest Home App on smartphones or tablets

Connected for Security

The 160-zone HPGW-MAX protects your premises with industry-leading security monitoring and communications technologies.

The VST-892 PIR camera, and the VTS-1818 IP camera deliver alarm videos/images and live video for visual verification.

Voice over Internet Protocol (VoIP)

The HPGW-MAX provides VoIP, which uses a broadband Internet connection to send voice calls. An alternative to traditional phone services, VoIP reduces communications costs, requires only the typical Internet structure for operation, and is applicable to DECT devices that form an emergency intercom system for senior care.

World-Leading 2-Km RF Range

The HPGW-MAX 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. This premium feature renders the HPGW-MAX particularly suitable for the protection of large or complicated premises.

Multiple Communications Paths

The HPGW-MAX alarm system has built-in IP, RF, and ZigBee modules as well as optional 3G/LTE, DECT, and Z-Wave connectivity. The advantage of multiple communications paths gives the installer great flexibility to set up the HPGW-MAX in home environments with different security requirements.

Total Visual Monitoring Solution

Indoor/outdoor IP cameras, PIR cameras, and PIR video cameras can be incorporated in the HPGW-MAX system for visual verification and real-time visual monitoring.

Compatibility with Digital Door Locks

The HPGW-MAX's compatibility with Yale* locks allows users to easily lock or unlock their doors with a simple touch on smartphones. Users don't need to fumble through pockets or purses fishing for keys.

Yale is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company. Image courtesy of Yale Security Inc.

Compatibility with Amazon Echo

The HPGW-MAX's are compatible with Amazon Echo and Echo Dot products allowing users to use Amazon Alexa voice control to arm and disarm their security system using a secure PIN. Users will also be able to voice-control interact with other HPGW-MAX's compatible devices like thermostats, lights, and smart locks.

Connected for Comfort, Convenience, and Care

Advanced ZigBee and Z-Wave solutions automate your home and animate your everyday life.

Adopting the ZigBee Pro HA 1.2 standard, the HPGW-MAX is compatible with ZigBee devices from other manufacturers.

The HPGW-MAX works with temperature sensors and room sensors to operate home appliances via temperature control.

ZigBee Home Automation and Energy Management

The HPGW-MAX's ZigBee home automation enables users to remotely control lights, home appliances, thermostats, and door locks. The setting of custom scenes, schedules, and rules commands lights and household appliances to be turned on/off automatically, ensuring the right light level or service is in place at the right time.

ZigBee devices such as power switches, power meter switches, and dimmer switches can be integrated into the HPGW-MAX for energy management. The HPGW-MAX also works with temperature/room sensors to operate heaters or air conditioners via temperature control. Adopting the ZigBee Pro HA 1.2 standard, the HPGW-MAX is compatible with ZigBee devices from other manufacturers.

Z-Wave Home Control

The HPGW-MAX is interoperable with Climax's and other manufacturers' Z-Wave devices through either a built-in Z-Wave module or a Z-Wave USB dongle. The addition of Z-Wave accessories to the HPGW-MAX greatly bolsters the system's home control and automation capabilities.

Senior Care

The HPGW-MAX provides optional senior care services through an emergency intercom system consisting of DECT devices such as talking pendants (WTRVS-8/15, with fall detection models), emergency voice communicators (CP-23), and voice extenders (VCP-DECT). When pressed during an emergency, a DECT device will make VoIP phone calls between the user and monitoring personnel as well as activate other DECT devices on the premises for family members to participate in the conversation.

WTRVS-8/15
(with fall detection
models)

CP-23

VCP-DECT

Connected for Control

Home Portal Server and Vesta Home App

Controlling the HPGW-MAX via Home Portal Server

Home Portal Server, Climax's high-capacity IP/GPRS platform, enables the CMS to remotely manage the HPGW-MAX and serve customers. With this platform the CMS can carry out the following activities.

Visual Verification
- Works with IP cameras and 6 PIR cameras/PIR video cameras
- View real-time images/videos or live video when alarms occur
- Use visual verification to reduce fines and wasted resources caused by false alarms
- Send alarm alerts to customers via SMS messages, emails or push notifications and prompt them to view alarm images/videos on mobile devices or PCs

Home Automation
- Remotely control and monitor customers' home appliances for their comfort
- Enable customers to manage home appliances by themselves via mobile devices or PCs

Energy Management
- Monitor customers' domestic energy consumption to strategically boost energy efficiency and reduce electricity bills
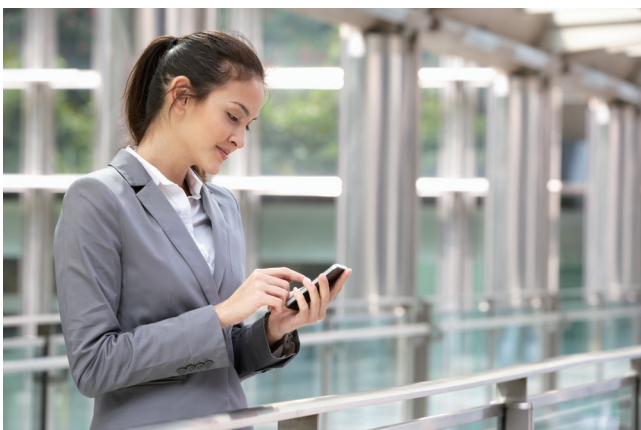
Remote Monitoring
- Remotely monitor and handle control panels, devices, events, areas, etc. via user-friendly administration dashboards

Easy Programming and Maintenance
- Conveniently program, maintain, and upgrade alarm systems through intuitive interfaces

Controlling the HPGW-MAX via the Vesta Home App

The end user can download the Vesta Home App from the App Store or the Google Play Store to manage the HPGW-MAX, receive event reports, and view alarm videos/images on a smartphone or tablet.

The HPGW-MAX Series Comparison

	HPGW-MAX1	HPGW-MAX1D	HPGW-MAX2	HPGW-MAX3	HPGW-MAX5
Zone Information					
Zones	160	160	160	160	160
Areas	2	2	2	2	2
Alarm Reporting					
Communications path(s)	IP	IP	IP & 3G/LTE	IP & 3G/LTE	IP & 3G/LTE
Standard CID/SIA reporting	Over IP	Over IP	Over IP or 3G/LTE	Over IP or 3G/LTE	Over IP or 3G/LTE
Modified CID reporting via SMS (text/CID)			Over 3G/LTE	Over 3G/LTE	Over 3G/LTE
Video/image reporting	Email/FTP over IP	Email/FTP over IP	MMS/email/FTP over IP or 3G/LTE	MMS/email/FTP over IP or 3G/LTE	MMS/email/FTP over IP or 3G/LTE
Compatible Devices/Services					
Climax F1 Series of RF devices	•	•	•	•	•
Climax's and other manufacturers' ZigBee devices*	•	•	•	•	•
Climax's and other manufacturers' Z-Wave devices	•	•	•	•	•
Climax DECT devices		•		•	
IP cameras, PIR cameras and PIR video cameras	•	•	•	•	•
External sirens	•	•	•	•	•
Home Portal Server	•	•	•	•	•
Vesta Home App	•	•	•	•	•
System Capabilities					
Home automation	•	•	•	•	•
Energy management	•	•	•	•	•
Visual verification	•	•	•	•	•
Senior care		•		•	
VoIP		•		•	
VoLTE		•		•	
Internal siren	•	•	•	•	•
3 "home armed" modes	•	•	•	•	•
Web & App programming	•	•	•	•	•
Event log	500	500	500	500	500
Remote firmware update	•	•	•	•	•
Specifications					
LTE frequency bands	**EU**: B1 (2100 MHz) / B3 (1800 MHz) / B5 (850 MHz) / B7 (2600 MHz) / B8 (900 MHz) / B20 (800 MHz) **US**: B2 (1900 MHz) / B4 (1700MHz) / B12 (700MHz)				
3G frequency bands	**EU**: B1 (2100 MHz) / B5 (850 MHz) / B8 (900 MHz) **US**: B2 (1900 MHz) / B4 (1700MHz) / B5 (850 MHz)				
Communications protocol(s)	ZigBee Pro HA 1.2 (& Z‑Wave 500)				
Power supply	AC-DC 12V/1A power adapter				
Backup battery	7.2V 1100 mAh NiMH rechargeable battery x 1				
Battery backup time	19 hrs*				
Available frequencies	433MHz/868MHz				
Operating temperature	-10°C to +45°C				
Operating humidity	Up to 85% non-condensing				
Dimensions	135 mm x 169 mm x 27 mm				
Compliance Listings	EN50131				

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

Ordering Information

HPGW-MAX1   IP alarm system with built-in RF and ZigBee modules

HPGW-MAX1D   IP alarm system with built-in RF, ZigBee, and DECT modules (with VoIP capabilities)

HPGW-MAX2   IP alarm system with built-in RF, ZigBee, and 3G/LTE modules

HPGW-MAX3   IP alarm system with built-in RF, ZigBee, 3G/LTE, and DECT modules (with VoIP capabilities)

HPGW-MAX5   IP alarm system with built-in RF, ZigBee, 3G/LTE, and Z-Wave modules

*All HPGW-MAX models can integrate a Z-Wave USB dongle to work with Z-Wave devices.

Climax