

## Z-Wave Home Automation Control Gateway



### Home Automation and Smart Home Control

PLANET HAC-1000 is a Z-Wave Home Automation Control Gateway that controls all Z-Wave wireless devices regardless of brands as they are based on the Z-Wave technology. Since most users would like to control their devices via the internet, the HAC-1000 is required to turn your home into a smart and secure one where lighting control, window blinds, security monitoring, door locks, thermostats, emergency monitoring, energy management, visual reporting, and more can be managed from anywhere, whether you are at home or office, or somewhere on the road, with smart phones, tablets or other mobile devices.



### Home Automation Configurations

- Powerful home control and Z-Wave Plus™ certified product in a slim wall-mounted box
- Energy and cost saving by automatically / manually turning off those devices not in use
- Provides pre-defined scene modes such as wake up, sleep and more
- Control lights based on time and occupancy
- Control thermostats based on schedules and occupancy
- Ensure entry doors are closed and locked remotely
- Completely power down audio and video equipment, and other appliances at night
- Real-time image monitoring of community public cameras
- Remotely control your shades and blinds
- 24-hour emergency monitoring

### Easy Installation & Management

- IP30-rated housing
- App and control pad alerts for any situation

*Real-time Monitoring*

IP cameras can be linked to PLANET HAC-1000 and Cloud Home app for remote monitoring. Users can keep an eye on their home on mobile phones over a secure connection to the Home Auto



*Lighting Control*

Users can choose the most comfortable lighting brightness for the perfect atmosphere. They can also choose the right time to turn the light on for comfort, or



to warn and prevent burglars from intruding the premises.

*Personal Scene Mode*

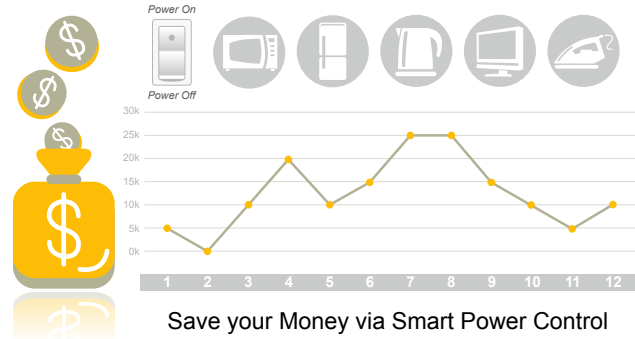
In the "Scene" mode you can set everything you want in every room of your home for any activity or anything in-between from morning to night. An unlimited number of scenes can be created and customized to your personal preferences.



Multiple Scene Modes For Smart Home

**Energy and Cost Saving on Every Room**

You can also check the current energy consumption in your home within the configuration interface of the HAC-1000. Manage these energy-saving devices such as power meter switches, power switches and dimmer switches to help you reduce energy consumption and thus save expenses on utilities.



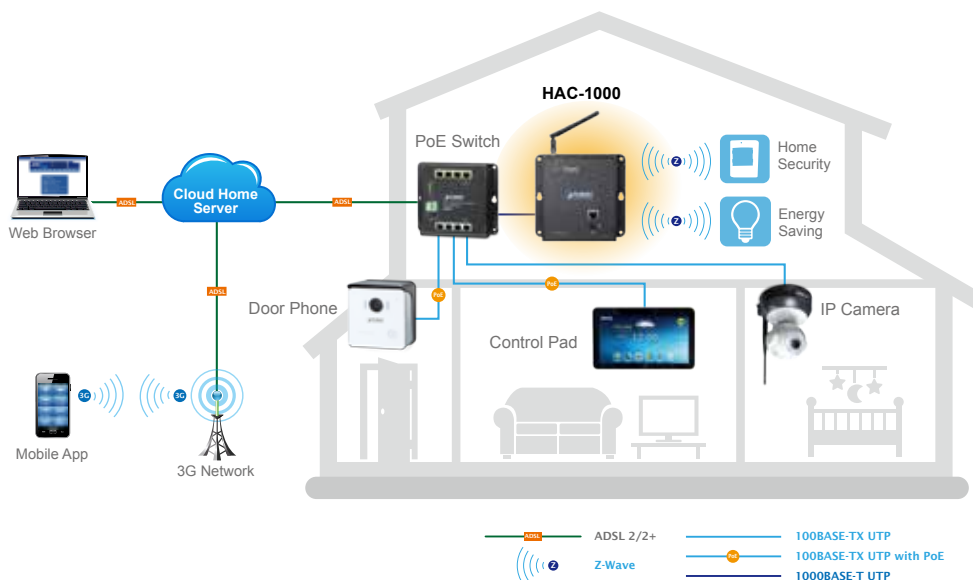
**Important Alerts**

Alerts like use of electricity, home alarms and more can be brought to your notice without delays by way of cloud hosting. From now on, you can have all these alerts no matter where you are, making your home a smart and secure one.



**Applications**

With PLANET HAC-1000 Z-Wave Home Automation Control Gateway, your home is securely protected. Together with an IP camera and PIR detector, the HAC-1000 detects a burglar intrusion and thus alerts the owner via smart phone where the burglary can be seen on the screen of his mobile device. You can control this innovative automation system from wherever you are, at home or abroad, using the touch screen of your iOS or Android phone, thus making your home a smart one.



## Specifications

Model	HAC-1000E	HAC-1000A
<b>Hardware Platform</b>		
Wi-Fi	Gain: 1 x 1dBi antenna for Z-Wave	
LED Indicators	PWR	
Buttons	1 x reset button	
LAN Interface	1 x 10/100Mbps Ethernet port	
Enclosure	IP30 metal	
Installation	Wall mount, magnetic wall mount and DIN-rail kit	
<b>Network and Configuration</b>		
Network Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX	
Z-Wave Frequency	Europe: 868.42MHz	America: 908.42MHz
HA Functions	Sense Control Door Lock Control Sensor Trigger Schedule Setting Supports Mobile Phone Push Notification Supports Device Location	
<b>General</b>		
Power Requirements	12V DC, 1A	
Operating Temperature	0 ~ 45 degrees C	
Operating Humidity	10 ~ 90% (non-condensing)	
Weight	441g	
Dimensions (W x D x H)	148 x 134 x 25 mm	
Emission	CE, FCC	

## Ordering Information

HAC-1000E	Z-wave Home Automation Control Gateway (Z-wave Frequency: 868.42MHz)
HAC-1000A	Z-wave Home Automation Control Gateway (Z-wave Frequency: 908.42MHz)

## Related Products

HTS-1000P	10-inch Touch Screen Home Automation Controller
HDP-1100PT	720p SIP Door Phone with PoE
WGS-804HP	8-Port 10/100/1000T Wall-mounted Gigabit Ethernet Switch with 4-Port PoE+
ICA-3110	HD Ultra-mini Bullet IR IP Camera
ICA-3200	Full HD Ultra-mini Bullet IP Camera
ICA-W7100	720p Wireless IR PT IP Camera
HZS-100E	Z-Wave Wall-mount PIR Motion Sensor (ETSI-868.42MHz)
HZS-100A	Z-Wave Wall-mount PIR Motion Sensor (FCC-908.42MHz)
HZS-200E	Z-Wave Ceiling-mount Smoke Detector (ETSI-868.42MHz)
HZS-200A	Z-Wave Ceiling-mount Smoke Detector (FCC-908.42MHz)
HZS-300E	Z-Wave 4-in-1 Multi Sensor (ETSI-868.42MHz) including Door/Window Contact, Humidity, Temperature and Light Sensor
HZS-300A	Z-Wave 4-in-1 Multi Sensor (FCC-908.42MHz) including Door/Window Contact, Humidity, Temperature and Light Sensor
HZS-532E-DE	Z-Wave Smart Energy Meter (ETSI-868.42MHz, AC 100-230V, 10A max.)
HZS-531A-US	Z-Wave Smart Energy Meter (FCC-908.42MHz, AC 100-230V, 10A max.)
FGSD-1008HPS	8-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/ SFP combo Web Smart Switch
FSD-504HP	4-Port 10/100Mbps 802.3af/at PoE + 1-Port 10/100Mbps Desktop Switch (60 Watts)
GS-4210-8P2S	8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch

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**HAC-1000**