

WiFi/Zigbee Gateway user manual

Mode:GWZ2100

Manual overview

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Handbook amendments

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Product overview

Package contents

Gateway Host, power supplies adapter DC12V/1A X1, and 3dB Antenna X2, the instructions say this

Function overview

Through Zigbee smart management architecture based on the agreement, which applies to indoor advantage, integration of TCP/IP concepts, using Wi-Fi through wireless data collector link Ethernet to cloud background, offering users surveillance, monitoring, calculation, analysis services, and then with the HMI Interface, smart device zero interaction with the user, a smart home management system distribution, however.

Features

- Via Ethernet, local area network, WLAN, and LAN Ethernet complete IPv4/IPv6 network connection
- This device is looking forward to cure network commands and Web user interface support
- Secure server identity authentication and connection
- Reliable control and rapid response program logic controls
- Keep 32 nodes in wireless sensor networks, maximum expandable up to 64 nodes
- Pairing simplified Network Setup for wireless sensor networks
- ActiveSync to manage data and status between the WAN and local managers
- Support USB PORT can connect pen drive

Installation (for quickly setting)

Gateway Connect DC power supply after about 30 seconds: normal operation, **Please note the following new devices what time :**

1. Wi-Fi functionality **is not turned on** , use a cable way to do set up for the first time.
2. LAN 's factory default IP to **192.168.5.1**
3. User ID:**Admin** / password:**123456**

First, Gateway connection setting

1. Use a CAT5 **network cable** , one end connected **Gateway LAN**, connect one end of your **network card** .
2. Open up your Control Panel > network and sharing Center > change adapter settings > you are connected to the network card > right mouse button.
3. Confirm that your network card is the IPv4 DHCP (**Automatic IP**, Gateway distribution).
4. Or manually set to **the 192.168.5.X** segments (**the x** stands for any number, not with the same equipment, such as**2~199**).
5. Open your **browser** (IE or Chrome)
6. At the URL input **192.168.5.1**(Gateway IP), and press Enter.
7. Show login authentication screen, enter your account number:**Admin** password:**123456**
8. Login complete show Gateway present information, as well as set menus.

Second, theGatway basic configuration settings

※HES Settings > Basic Settings

Product Name : This way you can freely enter the **project name** (limited English and Arabic numerals)

Location : **Improvised narrative installation** (limited English and Arabic numerals)



※HES Settings > Server Settings

Enable Management Server (this option **Select the checkbox** to enable this feature)

Auto Account Generation (**not checked** , logged in using a personal account)

Username : Service and enter your **registered account** (31 chars)

Password : Enter your service provider **registration password** (31 chars)

Server Address : **60.251.200.67 or eHome.sensingtek.com**

Server Listen Port : **3000**



Third, the WIFI wireless network set up

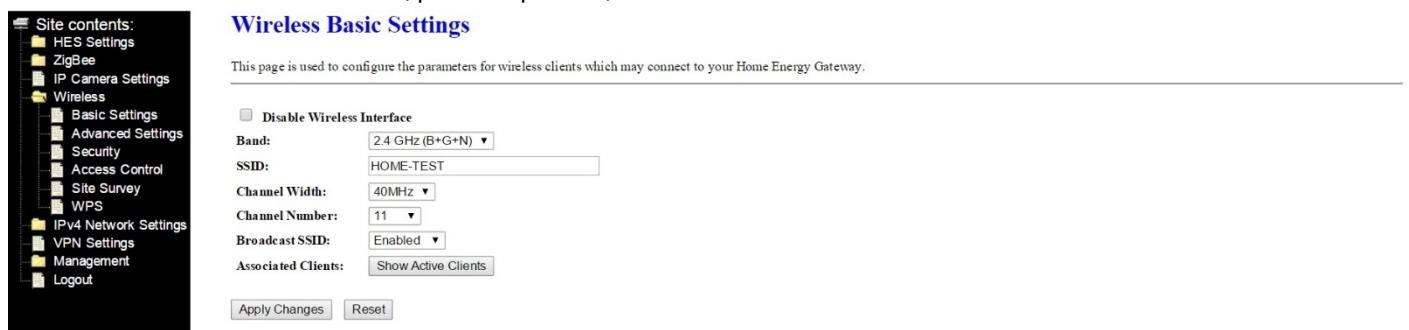
※Wireless Basic Settings

Disable Wireless Interface (this option checked and turned off the Wi-Fi function, **Please check the open Wi-Fi**)

Band : **2.4 GHz (B+G+N)** (using different modes)

SSID : **Set you want to use Wi-Fi name (letters and numbers)**

Channel Width : **40MHz** (power options)



※Wireless Security Setup

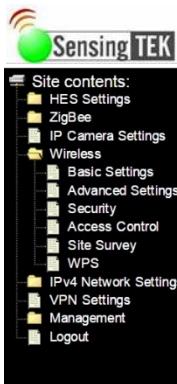
Encryption : **WPA2**

Authentication Mode : **Personal** (Pre-Shared Key)

WPA2 Cipher Suite : **AES**

Pre-Shared Key Format : **Passphrase** (password-sharing system, necessary)

Pre-Shared Key : **Set your wireless network password (secret keys to a total of ten characters)**



Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

HOME-TEST ▾

Encryption:	<input type="button" value="WPA2"/>
Authentication Mode:	<input type="radio"/> Enterprise (RADIUS) <input checked="" type="radio"/> Personal (Pre-Shared Key)
WPA2 Cipher Suite:	<input type="checkbox"/> TKIP <input checked="" type="checkbox"/> AES
Pre-Shared Key Format:	<input type="button" value="Passphrase"/>
Pre-Shared Key:	<input type="text" value="....."/>

Four,Zigbee sensor pairs

※ Zigbee sensor (temperature, humidity, smart Sockets, alarms, smoke detectors, carbon monoxide detection, PIR And so on).

※ The new sensor has not been paired, while operating in the power transmission for the first time automatically with your Gateway pairing, pairing simply follow the steps again to reconnect the sensor Rester can match mode is entered automatically, and to complete the pairing.

※ The match started advising you to Gateway with a sensor is placed in your hand, in order to facilitate confirmation information.

※ The pairing process **begins first Gateway transmission operation** , login to **Zigbee Access Control page** .

※ Reference sensors **Sensor Reset** ,Reset transmission will take place automatically after pairing.



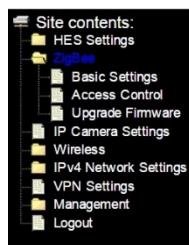
ZigBee Access Control

This table shows the sensor nodes' MAC address and signal strength nearby. You can select any nodes (at most 32) in the list so as to control and manage them by the remote server implicitly. This table will tell you the neighbour nodes nearby (up to 64).

Refresh Interval:

No	MAC Address	Uplink LQI	Downlink LQI	Allow
<input type="checkbox"/>				<input type="checkbox"/>

※ Use the Refresh Now to update the page and check the sensor MAC Address confirm pairing is successful or not.



ZigBee Access Control

This table shows the sensor nodes' MAC address and signal strength nearby. You can select any nodes (at most 32) in the list so as to control and manage them by the remote server implicitly. This table will tell you the neighbour nodes nearby (up to 64).

Refresh Interval:

No	MAC Address	Uplink LQI	Downlink LQI	Allow
1	00:15:8d:00:00:1a:6e:b4	connected	connected	<input type="checkbox"/>

※ Matched Sensor, at this point in the Allow column check enabled (uncheck the causes APP program does not display), and then click

Apply Changes Store settings, you can complete all the matching operation.

Site contents:

- HES Settings
- ZigBee
 - Basic Settings
 - Access Control
 - Upgrade Firmware
- IP Camera Settings
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management
- Logout

ZigBee Access Control

This table shows the sensor nodes' MAC address and signal strength nearby. You can select any nodes (at most 32) in the list so as to control and manage them by the remote server implicitly. This table will tell you the neighbour nodes nearby (up to 64).

Refresh Interval: None

No	MAC Address	Uplink LQI	Downlink LQI	Allow
1	00:15:8d:00:00:1a:6e:b4	connected	connected	<input checked="" type="checkbox"/>

※ Each row in the list represents the sensor, pairing complete recall checked Allow and press Apply Change completed.

Site contents:

- HES Settings
- ZigBee
 - Basic Settings
 - Access Control
 - Upgrade Firmware
- IP Camera Settings
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management
- Logout

ZigBee Access Control

This table shows the sensor nodes' MAC address and signal strength nearby. You can select any nodes (at most 32) in the list so as to control and manage them by the remote server implicitly. This table will tell you the neighbour nodes nearby (up to 64).

Refresh Interval: None

No	MAC Address	Uplink LQI	Downlink LQI	Allow
1	bc:4b:79:02:00:00:08:b8	not connected	not connected	<input checked="" type="checkbox"/>
2	bc:4b:79:02:00:00:07:5b	not connected	not connected	<input type="checkbox"/>
3	bc:4b:79:02:01:00:00:11	not connected	not connected	<input type="checkbox"/>

Five,WAN Internet setting

※ Gateway Ethernet settings through DHCP (floating IP), and Static IP (fixed IP), and PPPoE (dial)

※ Please choose one according to your Internet habits online.

※ Gateway is a substitute home AP external connected device.

Site contents:

- HES Settings
- ZigBee
- IP Camera Settings
- Wireless
- IPv4 Network Settings
 - LAN Interface
 - WAN Interface
 - Virtual Server
- VPN Settings
- Management
- Logout

Site contents:

- HES Settings
- ZigBee
- IP Camera Settings
- Wireless
- IPv4 Network Settings
 - LAN Interface
 - WAN Interface
 - Virtual Server
- VPN Settings
- Management
- Logout

IPv4 WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Home Energy Gateway. Here you may change the access method to static IP, DHCP or PPPoE by click the item value of WAN Access type.

Physical Media Type:

WAN Access Type:

Host Name:

MTU Size: (576-1500 bytes)

IPv4 WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Home Energy Gateway. Here you may change the access method to static IP, DHCP or PPPoE by click the item value of WAN Access type.

Physical Media Type:

WAN Access Type:

IP Address:

Subnet Mask:

Default Gateway:

MTU Size: (576-1500 bytes)

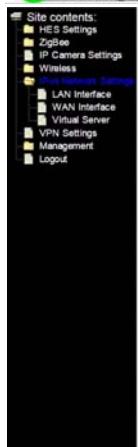
※ Recommended regardless of the connection mode selection, we recommend you the following features enabled all checked.

Enable Ping Access on WAN

Enable Web Server Access on WAN

Enable Middle Gateway Daemon Access on WAN

Enable FTP Access on WAN



Five, Config configuration file backup sets

- ※ You can backup all your saved settings, to facilitate response to demand to use it again.
- Management options select Save/Reload Settings > Save Settings To File: click SAVE path selection screen appears in the box, you select path and press the store button to complete the backup operation.



Six, camera setting

- ※ Please refer to the camera's manual through the Wi-Fi settings and Gateway online.
- ※ The online way to use WPS quickly online, enter the camera changed to a fixed IP, and the date is automatically updated.
- ※ To go back to Gateway settings page of IP Camera Settings you set the login account and password for the camera to fill

Username: (31 chars) / Password: (31 chars) Click Apply Changes store settings, you can finish setting, set successful camera will appear in the list.

IP Camera Settings

This page show the IP cameras nearby up to 16. The username and password is used for authentication to access the resource on cameras, for instance image capturing, video recording, etc. Per camera information is shown, such as IP address, MAC address, device name and alias name. If the camera failed to get IP address from gateway, there will be no detail icon for you to test the function of capturing. Each camera can have its own alias name assigned by you for being recognized easily.

Username: (31 chars)

Password: (31 chars)

#	IP Address	MAC Address	Device Name	Alias Name	Detail
1	192.168.5.199	28:10:7B:02:36:30	DCS-932L		

Detailed function

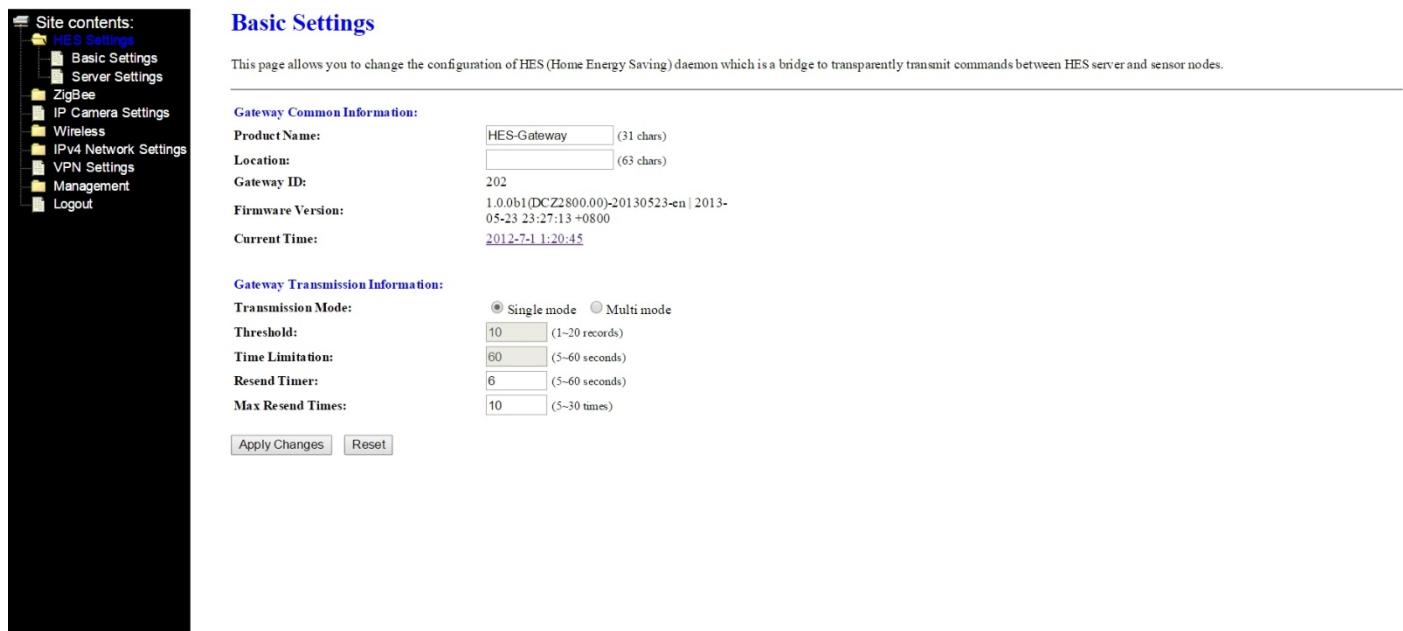
SensingTEK Gateway

Site contents :

1. HES Settings (HES Gateway basic parameters)

1.1. Basic Settings (basic settings)

This page allows you to change the HES(Home Energy Saving) the basic configuration settings, Gateway is a bridge designed to transport HES server and Sensor sensor commands among the nodes.



◎Gateway Common Information:

Product Name : (Product name, you can enter 31 chars except for special symbols)

Location : (Install location, you can enter a 63 chars except for special symbols)

Gateway ID : (The Gateway ID number, the factory default and cannot be modified)

Firmware Version : (Firmware version)

Current Time : (System time)

◎Gateway Transmission Information:

Transmission Mode : Single mode (stand-alone mode, the factory default) Multi mode (multiple models)

Threshold : (Factory default, no modification)

Time Limitation : (Factory default, no modification)

Resend Timer :(Reverberation time again, the scope of 5~60 seconds, default 6)

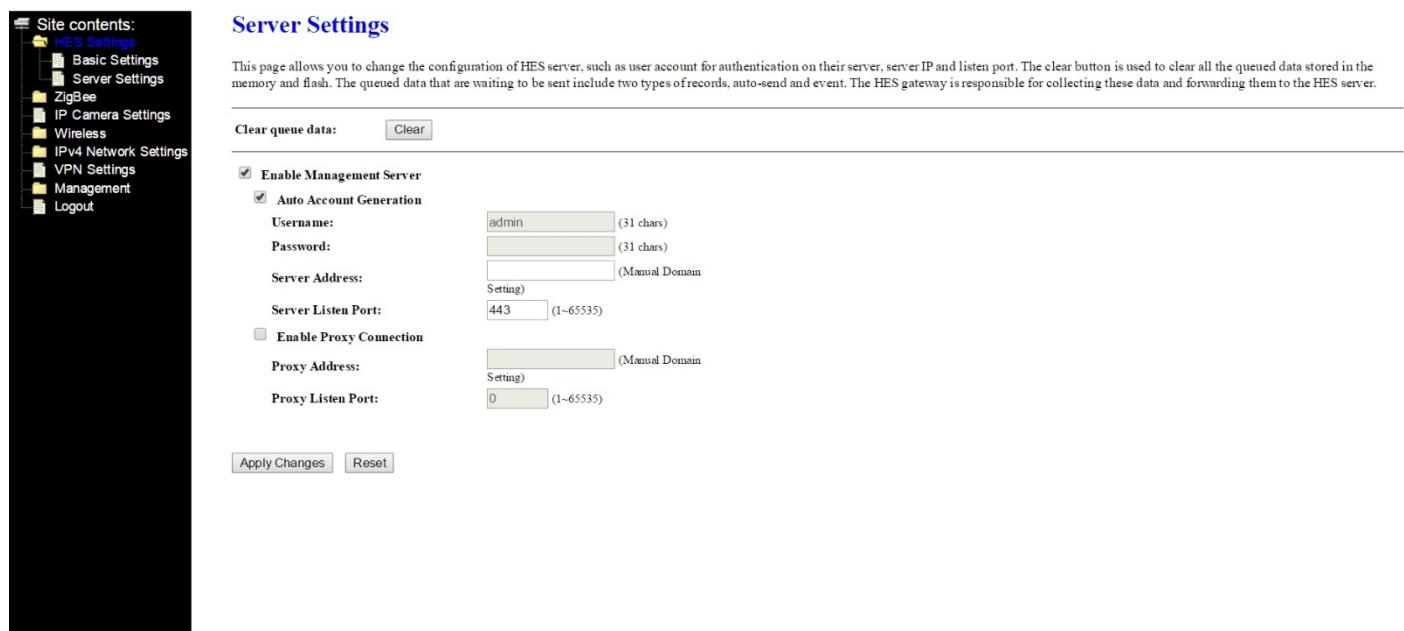
Max Resend Times : (Maximum feedback time, range 5~30 times, default 10)

1-2.Server Settings (server settings, upload their data to the cloud)

This page allows you to change the basic configuration settings for connecting to the server, such as a user through the server's authentication configuration data to the server in the cloud measured is recorded and utilized.

For example: Wireless socket power consumption data upload to the server in the cloud through software can be recorded into history data in the cloud, a calculation of the cost of the electricity bill.

Clear button to clear the stored in the memory and all sensors record data in Flash memory.



Site contents:

- HES Settings
 - Basic Settings
 - Server Settings
- ZigBee
- IP Camera Settings
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management
- Logout

Server Settings

This page allows you to change the configuration of HES server, such as user account for authentication on their server, server IP and listen port. The clear button is used to clear all the queued data stored in the memory and flash. The queued data that are waiting to be sent include two types of records, auto-send and event. The HES gateway is responsible for collecting these data and forwarding them to the HES server.

Enable Management Server

Auto Account Generation

Username: (31 chars)

Password: (31 chars)

Server Address: (Manual Domain Setting)

Server Listen Port: (1-65535)

Enable Proxy Connection

Proxy Address: (Manual Domain Setting)

Proxy Listen Port: (1-65535)

Before enabling this data back to the cloud feature, and must be obtained from the service provider registration uses the account and password.

Enable Management Server (whether to return data to the cloud server is enabled)

Auto Account Generation (If the owner of the server cloud accounts, this option is not checked)

Username : (Account number, you can enter 31 chars)

Password : (Password, you can enter 31 chars)

Server Address : (Server domain or IP,Manual Domain Setting, the default eHome.sensingtek.com)

Server Listen Port : (Datagram sockets, 1~65535, default 3000, no proposed changes)

(Cloud server socket port 3000, tampering will cause information to be normal, then fax it to the cloud server.)

2.ZigBee (Zigbee wireless signals)

2-1.Basic Settings (ZigBee basic configuration settings)

This page allows you to change the ZigBee network configuration.



PAN ID : (Factory default / no modification)

Application ID : (Factory default / no modification)

Coordinator MAC : (Factory default / no modification)

Firmware Version : (Firmware version)

Group ID : (1~65534), and(**using the factory default can be subject to change sensor needs to match what has been paired.**)

Channel ID : (11~25), and(**using the factory default can be subject to change sensor needs to match what has been paired.**)

2-2.Access Control (Zigbee pairing settings)

The table displayed in the vicinity of the sensor node's MAC address and signal strength. You can select any node in the list (up to 32), in order to control and manage them by the remote server. The table will tell a neighbor near you (up to 64).

Pairing successful Zigbee sensor included in the table, **pairing process can use Refresh Now to update to see if the new success, new device if you want displayed in the APP must be in the unit Allow tick option is enabled.**

Site contents:

- HES Settings
- ZigBee**
 - Basic Settings
 - Access Control
 - Upgrade Firmware
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management
- Logout

ZigBee Access Control

This table shows the sensor nodes' MAC address and signal strength nearby. You can select any nodes (at most 32) in the list so as to control and manage them by the remote server implicitly. This table will tell you the neighbour nodes nearby (up to 64).

Refresh Interval:

No	MAC Address	Uplink LQI	Downlink LQI	Allow
1	00:15:8d:00:00:1a:6e:b4	connected	connected	<input checked="" type="checkbox"/>
2	bc:4b:79:02:00:00:06:68	195 	192 	<input checked="" type="checkbox"/>

2-3. Upgrade Firmware (Zigbee firmware version update)

This page allows you to upgrade the ZigBee firmware version.

Update procedure make sure that the Gateway cannot have power failure happens, in order to ensure normal operation of the system.

Site contents:

- HES Settings
- ZigBee**
 - Basic Settings
 - Access Control
 - Upgrade Firmware
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management
- Logout

Upgrade ZigBee Firmware

This page allows you to upgrade ZigBee firmware (it could be for a specific type of sensor according to the firmware you provide or coordinator. For instance, uploading a meter firmware will upgrade all the online meters but not include the other type of sensors, such as Siren, PIR, ... etc.) to newer version. Please note, do not power off the device during the update because it may be harmful to the ZigBee system.

Select File:

3. IP Camera Settings (IP camera settings)

This page displays and supports 10 IP cameras online, which IP camera should first of all as a matched set, such as a user name and password for authenticated access to resources of the camera.

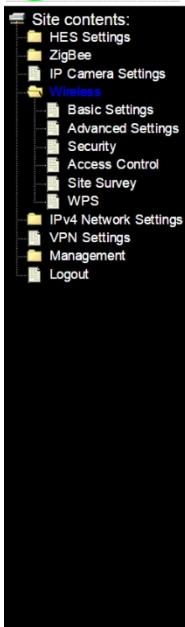
This table displays the IP address, MAC address, device name, and alias. If the camera is not in this successful pairing in the APP to use its functionality.



4. Wireless (Wi-Fi wireless network)

4-1. Basic Settings (wireless network basic settings)

This page is used to configure client parameters are set, such as Wi-Fi enabled and shuts down, SSID, channel, ... And so on.



Disable Wireless Interface (Open / Wi-Fi feature on or off, **default is off**)

Band : (Signal mode), 2.4 GHz (b, andg, andn or multiple optional)

SSID : (Wireless network name)

Channel Width : (Power 20MHz, and40MHz optional)

Channel Number : (Wireless networking channel Autoand the1and the2 ~ 11 optional)

Broadcast SSID : (Webcast features Disabled, andEnabled)

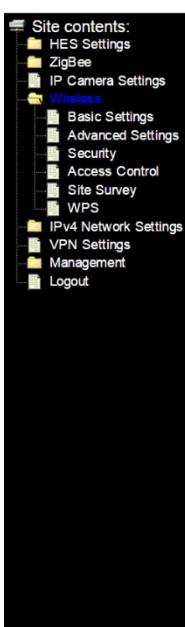
(Must be Enabled, otherwise you cannot search network.)

Associated Clients : (Lists the devices through this network link)

4-2.Advanced Settings (wireless network advanced settings)

These settings only apply to users of wireless technology is enough.

Unless you know and understand the following settings on the Gateway : what impact, such as signal strength ... And so on.



4-3.Security (wireless network security password settings)

This page allows you to set up your wireless network's security mechanisms.

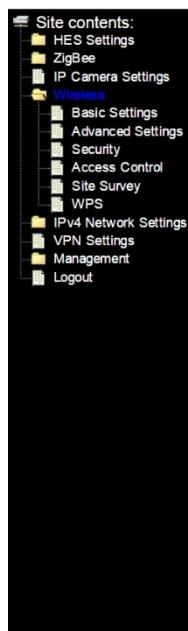
By using the enable WEP or WPA encryption key you can prevent unauthorized access to your wireless network.

Encryption : (Encryption mode, Disable, andWEP, andWPA, andWPA2, andWPA2-Mixed)

Authentication Mode : (Certification model Enterprise RADIUSand thePersonal Pre-Shared Key, by default, Personal)

Pre-Shared Key Format : (Coded Passphrase, andHEX 64 characters, the default **Passphrase** necessary setting.)

Pre-Shared Key : (Password)



4-4.Access Control (wireless network access control)

Used to manage and control the devices that can access the network.



Wireless Access Control Mode :

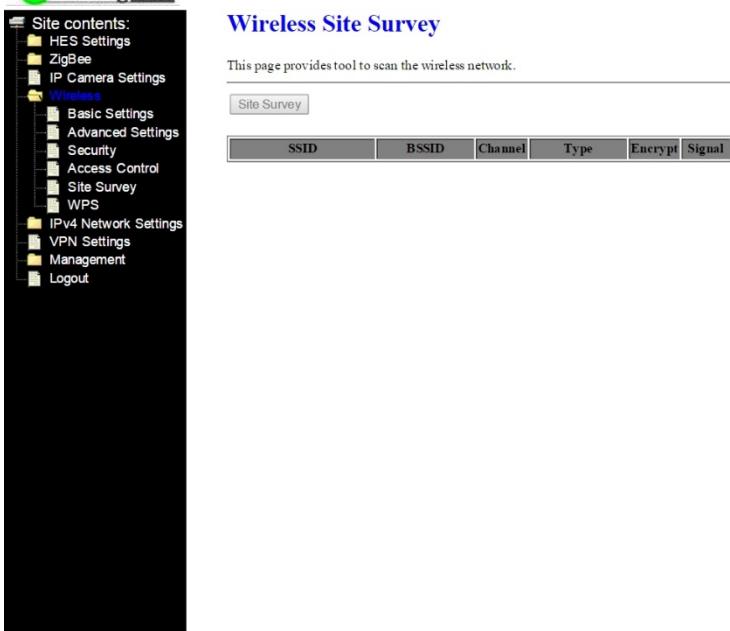
Disable : (Turning off this feature)

Allow Listed : (Via MAC identification devices in the list are allowed online-only access to this network.)

Deny Listed : (Via MAC identification equipment online in the list are not allowed to access the network.)

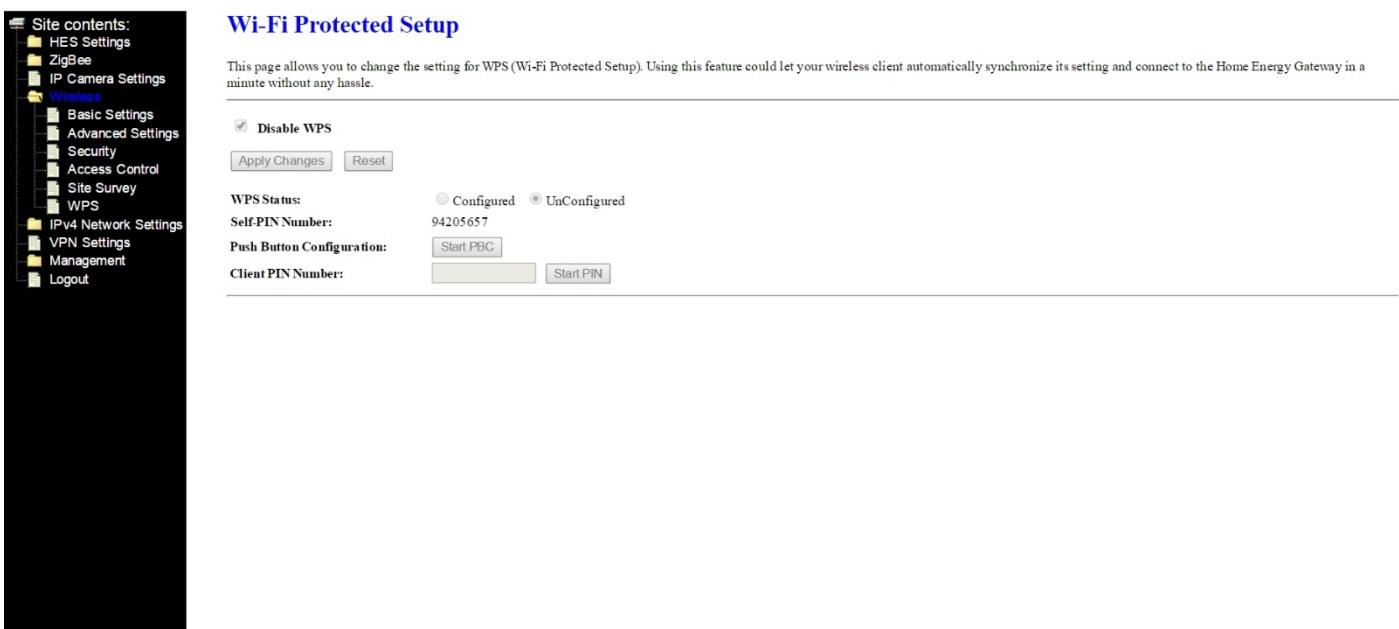
4-5.Site Survey (wireless network scan)

This page is covered in the available tools are available to scan for nearby wireless networks and the wireless information networks; provide users reference when setting up a wireless network, you can avoid the same set of name, channel interference ... And so on.



4-6.WPS (WIFI Quick Online Setup)

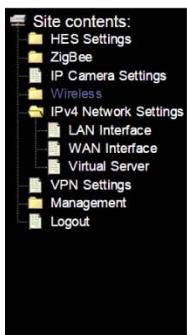
This page allows you to change the settings of the WPS. Using this feature allows you to keep your wireless device in less than a minute can be connected and connected to the network.



5.IPV4 Network Settings (IPv4 Network Setup)

5-1.LAN Interface (IPv4 LAN ports, internal network settings)

This page is used to configure the parameter, connects to your home energy gateway's LAN port LAN. Here, you can change the settings of IPv4 editorial office address, subnet mask, and DHCP and so on.



IPv4 LAN Interface Setup

This page is used to configure the parameters for local area network which connects to the LAN port of your Home Energy Gateway. Here you may change the setting for IPv4 addresss, subnet mask, DHCP, etc..

IP Address:	192.168.5.1
Subnet Mask:	255.255.255.0
DHCP:	Server
DHCP Client Range:	192.168.5.100 - 192.168.5.200
Domain Name:	
<input type="button" value="Apply Changes"/> <input type="button" value="Reset"/>	

IP Address : (IP address, **default 192.168.5.1**)

Subnet Mask : (Network mask, and **the default 255.255.255.0**)

DHCP : (DHCP mode,Disabled, andServer mode can be selected, **if need to assign IP selected Server mode**)

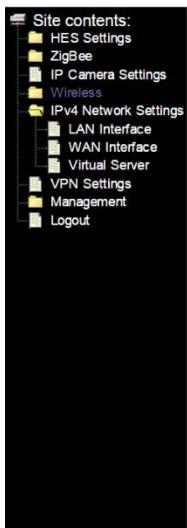
DHCP Client Range : (Assigned IP range setting)

Domain Name : (Domain settings)

5-2.WAN Interface (IPv4 WAN port external networking settings)

This page is used to configure WAN parameters let your Gateway through the WAN port can be connected to the Internet.

Here, you can change the access method for the static IP,DHCP or PPPoE single online.



IPv4 WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Home Energy Gateway. Here you may change the access method to static IP, DHCP or PPPoE by click the item value of WAN Access type.

Physical Media Type:	Ethernet
WAN Access Type:	DHCP Client
Host Name:	HES-Gateway
MTU Size:	1500 (576-1500 bytes)
<input type="radio"/> Attain DNS Automatically	
<input type="radio"/> Set DNS Manually	
DNS 1:	
DNS 2:	
DNS 3:	
<input type="checkbox"/> Enable Ping Access on WAN	
<input type="checkbox"/> Enable Web Server Access on WAN	
<input type="checkbox"/> Enable Middle Gateway Daemon Access on WAN	
<input type="checkbox"/> Enable FTP Access on WAN	
<input type="checkbox"/> Enable Telnet Access on WAN	
<input type="button" value="Apply Changes"/> <input type="button" value="Reset"/>	

Physical Media Type : (Internet online mode, and Ethernet, and WiFi)

WAN Access Type : (WAN connection types,Static IP fixed IP and the DHCP Client automatically, andPPPoE dialup)

Enable Ping Access on WAN (enable Ping links, it is recommended that check)

Enable Web Server Access on WAN (enable support WEB pattern links, it is recommended that check)

Enable Middle Gateway Daemon Access on WAN (enable Gateway program links built in, it is recommended that check)

Enable FTP Access on WAN (enable FTP mode links, it is recommended that check)

Enable Telnet Access on WAN (enable Telnet mode links)

5-3.Virtual Server (virtual server)

This feature provides a place for IP address can be in the same IP zhixia, using a different Port port numbers to distinguish between different services, so as to achieve the function of external or internal single channel.

For example:192.168.0.1:80 or 192.168.0.1:10000 single IP can have different services.

When your device is placed in the other Gateway, andAP devices, Firewall IP correspond or transfer port have to be set.



6.VPN Settings (proxy settings)

This page is used to enable / disable the VPN feature, and select Add / edit / remove the connection of the VPNproxy.

Site contents:

- HES Settings
- ZigBee
- IP Camera Settings
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management
- Logout

VPN Setup

This page is used to enable/disable VPN function and select a VPN connection to edit/delete.

Enable IPSEC VPN **Enable NAT Traversal**

Apply Changes **Reset**

Current VPN Connection Table: WAN IP:0.0.0.0

#	Name	Active	Local Address	Remote Address	Remote Gateway	Status
1	-	-	-	-	-	-
2	-	-	-	-	-	-

Edit **Delete** **Connect** **Disconnect** **Refresh**

7. Management (configuration management)

7-1. Status (Gateway device status)

This page displays the current status and some of the basic settings for the device.

Site contents:

- HES Settings
- ZigBee
- IP Camera Settings
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management**
 - Status
 - Statistics
 - Time Zone Setting
 - DDNS
 - Log
 - Upgrade Firmware
 - Save/Reload Setting
 - Download APK
 - Password
 - Reboot
- Logout

Device Status

This page shows the current status and some basic settings of the device.

System	
Uptime	0day:1h:22m:13s
Firmware Version	1.0.0b1(DCZ2800.00)-20130523-en 2013-05-23
Build Time	Fri Jul 4 13:55:43 CST 2014
Wireless Configuration	
Enable	No
Mode	AP
Band	2.4 GHz (B+G+N)
SSID	
Channel Number	
Encryption	Disabled
BSSID	00:00:00:00:00:00
Associated Clients	0
IPv4 LAN Configuration	
Attn IP Protocol	Fixed IP
IP Address	192.168.5.1
Subnet Mask	255.255.255.0
DHCP Server	Enabled
MAC Address	00:12:0e:f6:a2:95
IPv4 WAN Configuration	
Attn IP Protocol	Ethernet Down
IP Address	0.0.0.0
Subnet Mask	0.0.0.0
Default Gateway	0.0.0.0
MAC Address	00:12:0e:f6:a2:96

7-2. Statistics (network statistics)

This page displays all wired, wireless, sensor, Ethernet packet statistics.



Statistics

This page shows the packet counters for transmission and reception regarding to wireless, WSN and Ethernet networks.

	<i>Sent Packets</i>	7422
	<i>Received Packets</i>	7670
Ethernet LAN	<i>Sent Packets</i>	0
Ethernet LAN	<i>Received Packets</i>	0
Ethernet WAN	<i>Sent Packets</i>	15
Ethernet WAN	<i>Received Packets</i>	15
WSN	<i>Sent Packets</i>	15
WSN	<i>Received Packets</i>	15

[Refresh](#)

7-3.Time Zone Setting (time / time zone settings)

You can enable Internet time servers synchronize system time.

Time Zone Setting

You can maintain the system time by synchronizing with a public time server over the Internet.

Current Time:

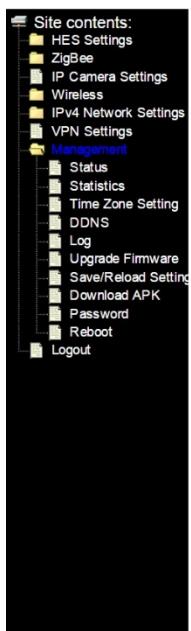
Time Zone Select: (GMT+08:00)Taipei

Enable NTP Client Update
 Automatically Adjust Daylight Saving

NTP Server: time.stdtime.gov.tw
 watch.stdtime.gov.tw (Manual Domain Setting)

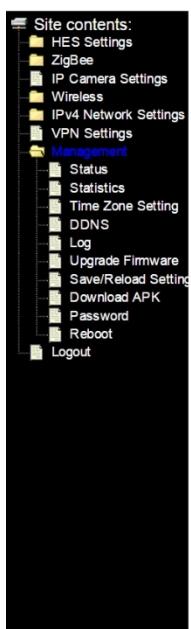
7-4.DDNS (dynamic DNS settings)

Dynamic DNS is a service, which provides an effective and constant, domain name (URL), this feature is available through the domain name corresponding to a floating IP transformation brings problems.



7-5.Log (Gateway records)

Operation of the system event log for engineering analysis or judgment system operates in practice.



7-6.Upgrade Firmware (Gateway firmware version update)

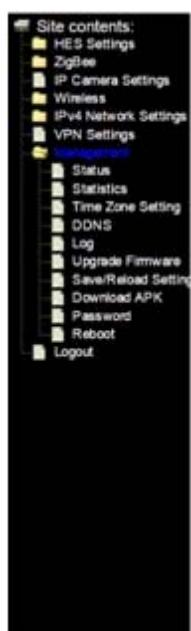
This page allows you to upgrade the Gateway 's firmware version; please note that in the process of upgrading to the new version to keep power shall not be cut off, otherwise it will cause the system to

not function.



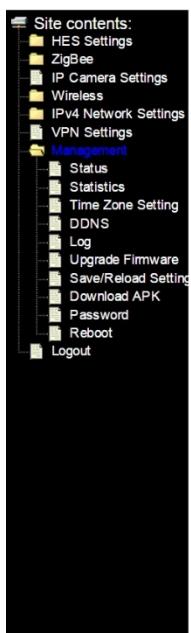
7-7.Save/Reload Settings (saved / overload to set)

This page allows you to set the parameters of downloaded files saved, of course, can use this feature to restore to its original settings.



7-8.Download APK (download E-HOME software)

This page allows you to download E-Home software can use the Android device.



Download E-Home Software

This page allows you to download E-Home software which can be used by Android devices

Download Android APK For Table:

[Download](#)

7-9.Password (login password / change)

This page is used to set the user access Gateway required authentication password.

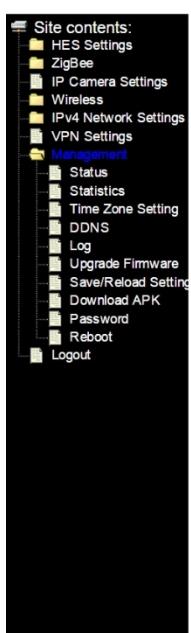
Login account provides both an Admin (top right), a user (some functions shielding)

User Name : **Admin** (Manager / factory default)

Password : **123456** (factory default)

User Name : User (user / factory default)

Password : User (factory default)



Password Setup

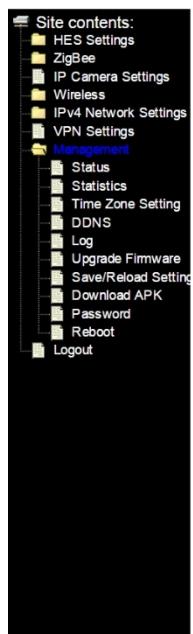
This page is used to set the account to access the web server of Home Energy Gateway.

User Name: New Password: (30 chars)
Confirmed Password:

[Apply Changes](#) [Reset](#)

7-10.Reboot (restart the Gateway)

This page is used to restart the Gateway, please confirm any changes before you restart settings have been stored.



8. Logout (cancelled)

Cancellation of Gateway WEB page.



FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SAR Statement

The MPE meet the requirements when device maintain a distance more than 20cm from the body. Device should Installation at a place more than 20cm from the body all the time. Any modified to the device (e.g. add metallic components, replace antenna) may cause it not comply with FCC RF exposure requirements, and should be avoided.