



WELCOME

Congratulations on purchasing the ZA1002US-5. The ZA1002US-5 integrates multiple complicated control, automation and internet protocols into one simple plug-and-play device. It is a central controller that integrated and control of all wireless Z-wave devices used for home automation and keeps connect and control of your home easily, nomatter where you are.Please take a few minutes toread this guide to set up your ZA1002US-5 and Z-wave network smoothly.



Federal Communications Commission Statement

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

- Reorient or relocate the receiving antenna,
- Increase the separation between the equipment and receiver,
- Connect the equipment into and 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 the 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 undersired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE : (For Mobile Device Configuration) FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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Chapter 1 Introduction

ZA1002US-5is a central controller that integrated and control of all wireless Z-wave devices used for home automation. It also providesGateway to connect to Internet. ThroughInternet you can see all kinds of devices status of your home atanytimeand any place via your smartphone or PC.You can control thehomedevices such aslighting, air conditioning, door lock and unlock, you can also receivethealarmmessageof your home. Energy usage monitorsof your homeat any timeis real-timerecordingto the cloudhost, homealarm messagesareimmediatelydeliveredto the cloudmessagemonitoring centerforthenecessarytreatment.

The ZA1002US-5 controls switches, dimmers, motion sensors, temperature sensors and so on many Z-Wave devices. ZA1002US-5integrates complicated control, automation and internet protocols into one simple plug-and-play device. It provides an interface that allows you to manage your home easily, whether you are at home or not.

1.1Key Features

- Provide one LAN port Router function
- Provide one USB 2.0 Host port, you can connect ZigbeeUSB Dongle or USB Hard Disk
- ProvideWiFilEEE 802.11b/g/n
- ProvidecompatibleZ-Wave Pluscommunication protocolthat connects allkinds of Z-Wavedevices that includeswindow sensors, electric locks, lighting dimmer controls, energy usage monitor, air qualitydetector, temperature and humidity sensors, firesafetysensors.
- Provide a service platform to connect to the cloudservice.
- ProvideIP-Camviewinginterface
- ProvidefreedownloadAPP.

1.2Technical Specifications

Technical Specifications							
HardwareSpecifications							
USB Port	USB Host 2.0 x1						
Ethernet port	RJ-45 10/100Mb , support 1 LAN						
Physical and Environmental Characteristics							
Dimensions	137(W) x 101(H) x 30(D) mm						
Weight	300g						
Operating Temp.	■ Temp: 0°C~45°C (32°F~113°F)						

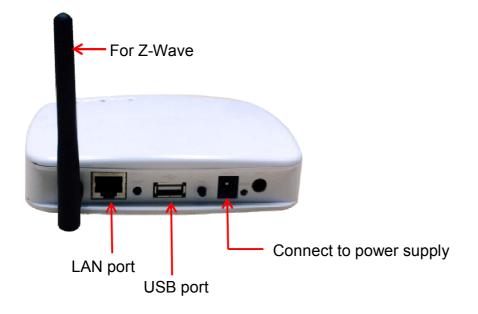
& Humidity	Humidity: 10%~90% relative humidity, non-condensing					
Power Adaptor	■ INPUT: AC100V~240V, 50/60Hz					
Power Adaptor	OUTPUT: DC 5V, 2.0A					
outer casing	Plastic					
Country of origin	Made in Taiwan					
SoftwareSpecification	ons					
Protocol	Z-Wave					
WiFi	IEEE 802.11b/g/n					
HA Functions	Sense Control					
	Lighting Control					
	Door Lock Control					
	Sensor Trigger Even					
	Schedule setting					
	Support mobile phone Push Notification					
	Support Devices Place Location					
	User account Management (admin and normal user)					
	Support Remote update software					
Z-Wave Capacity	Support 30 Z-Wave notes					

1.3 Hardware Overview

1.3.1 Front Panel



1.3.2 Back Panel



DC 5V/2A:Connecting to AC adapter.Input AC 100V~240V, 50/60Hz; Output DC 5V 2.0A

LAN: RJ-45 socket, complied with Ethernet 10/100base-T.

USB:USB 2.0 ports, USB Type A

•

Chapter 2 Quick Install

After you've created your Z-Wave network, you'll need to install your ZA1002US-5. Follow these steps:

2.1 Unpacking

Open the carton and unpack the items. Your package should include:

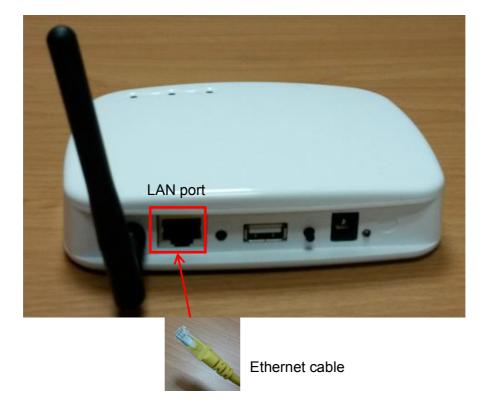
■ ZA1002US-5main unit x 1 pcs

If items are missing or damaged, notify your Avadesignrepresentative. Keep the carton and packing material.

2.2 The Procedure of Connection

Step 1: Plug in DC power adapter to ZA1002US-5.

Step 2: Connect the Ethernet cable to your ZA1002US-5LAN port.



Step 3: Plug in AC power cord to power source.

Step 4:ZA1002US-5 begins the boot process automatically.

ZA1002US-5 provides three kinds of operational platforms, Web page, Android and iOS, for users. Therefore user can configure the ZA1002US-5 by his/her PC or smart phone or tablet. The web configuration guide is available in this manual. The installation guide for smartphone/tablet with Android system or iOS system, please refer to other document.

2.3Find the IP address of your ZA1002US-5

Please download the Java program file named avaControlFinderJava from the website of Avadesign Co., Ltd. http://www.avadesign.com.tw/support/support.htmlto your PC. Decompress the file and click it twice by left button of your mouse. Then you will see the IP address listing of all of your ZA1002US-5 as below.



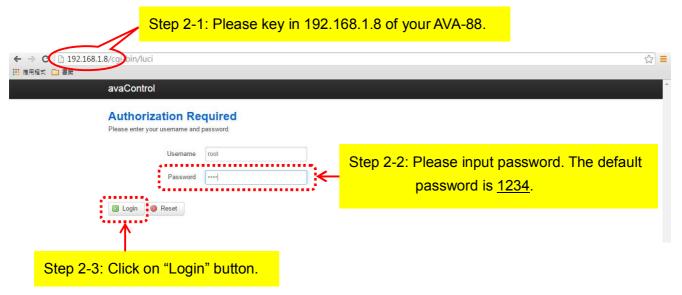
avaControl Finder

2.4 Setup Wi-Fi for your ZA1002US-5(optional)

If you want to use Wi-Fi, please following the setup procedure described as below.

Step 1: At first, connect Ethernet cable to LAN port of ZA1002US-5.

Step 2: Type the IP address which getting from avaControl Finder as Sec. 2.3. For example: type 192.168.1.8 of the ZA1002US-5in the address bar and press Enter. The screen is shown as follows.



The username is root. Please input password: 1234 then click "Login" button on the screen. After login ZA1002US-5, you will see the login page as shown below.

- Step 3: Click on **Network** function in the top menu to setup your Wi-Fi network. The detailed is described at Sec. 2.4.2.
- Step 4: When Wi-Fi network configure has finished, please take off the Ethernet cable from LAN port of ZA1002US-5.

← → C 192.168.1.8/cgi-bin/luci/;stok=808e	dd8253b49d03e915630772b77161/admin/system/flashops	s ≡
🗰 應用程式 🦳 書籤		
avaControl System -	Network Zwave Logout	
Flash oper Firmware Actions Con Reboot		
Backup / Restore Click "Generate archive" to dow with squashfs images). Download backup:	nload a tar archive of the current configuration files. To reset the firmware to its initial state, click "Perform reset" (only possible	
1. 000 to 2000 - 100	ou can upload a previously generated backup archive here. 選擇檔案 未選擇任何檔案 Upload archive	
Flash new firmware in Upload a sysupgrade-compatible compatible firmware image). Keep settings:	e image here to replace the running firmware. Check "Keep settings" to retain the current configuration (requires an OpenWrt	
Image:	選擇當案 未選擇任何檔案 III Flash image	

After Login user will see the screen as above, and there are four maincategories in the top menu, user can click on each category to extend detail items.

- System
- Network
- Zwave
- Logout

The various configuration menus are explained below. You can select various function listed in the first line of web page display.

2.4.1 System

You can backup or flash firmware in this function. This function also provides reboot the system for you.

Backup / Restore

You can click on "Generate archive" button on the screen to download a tar archive of the current configuration files.

To restore configuration files, you also can upload a previously generated backup archive here.

Flash new firmware image

You can upload a sysupgrade-compatible image here to replace the running firmware.

Backup/Flash Firmware

	dd8253b49d03e915630772b77161/admin/system/flashops	루 ☆ 🔳
適用程式 合 書紙 avaControl System ~	· Network Zwave Logout	
Flash operation	8	
Actions Configuration		
Backup / Restore		
Click "Generate archive" to dow with squashfs images).	mload a tar archive of the current configuration files. To reset the firmware to its initial state, click "Perform reset" (only possible	
Download backup:	Generate archive	
To restore configuration files, y	ou can upload a previously generated backup archive here.	
Restore backup:	· 選擇備案 未選擇任何檔案 III Upload archive	
Flash new firmware i		
Upload a sysupgrade-compatibl compatible firmware image).	e image here to replace the running firmware. Check "Keep settings" to retain the current configuration (requires an OpenWrt	
Keep settings:	8	
Image:	· 選擇僅案 未選擇任何檔案 III Flash image	
		*

2.4.2 Network

The network function provides Wi-Fi network configuration for users.

] 書競 avaControl Syst	tern → Network Zwave Logout	AUTO REFRESH ON
avaControl Syst		AUTO KERKESH ON
Wired		
LAN		
Network	Status	Actions
LAN	Uptime: 2h 26m 5s MAC-Address: 00:3C:14:16:B0:3B	Edit
br-lan	(20) RX: 8.10 MB (74918 Pkts.)	·
	IPv4: 192.168.1.8/16	
Global network or	otions	
IPv6 ULA-F	Prefix fd40:d601:fc3b::/48	
		Save & Apply Save Reset

Click on "Edit" button, you can do general setup, or advanced settings, or physical settings and Firewall settings.

2.4.2.1 General Setup

General Setup

Com	ed - LAN mon Configuratio eral Setup Advance Status	d Settings Physical Se	ttings Firewall Settings		
Gene			ttings Firewall Settings		
		ළාගි br-lan	Uptime: 2h 27m 16s MAC-Address: 00:3C:14:16:B0:3 RX: 8.19 MB (75824 Pkts.) TX: 13.30 MB (19164 Pkts.) IPv4: 192.168.1.8/16	В	
,	Protocol Hostname to send when requesting DHCP	DHCP client avaControl	•		

You can select which protocol you need. ZA1002US-5 provides a protocol listing of static address, DHCP client, unmanaged, PPP, PPtP, PPPoE, PPPoATM, UMTS/GPRS/EV-DO and L2TP for your choice.

2.4.2.2 Advanced Settings

You can do advanced configuration by clicking on "Advanced Settings" function.

← → C □ 192.168.1.8/cgi-bin/luci/;stok=808ed ■ 應用程式 □ 書簡	d8253b49d03e915630772b	77161/admin/network/network/lan		☆ =
avaControl System +	Network Zwave Logout		AUTO REFRESH ON	^
Wired - LAN Common Configuration General Setup Advanced Bring up on boot Use broadcast flag Use default gateway Use DNS servers advertised by peer Use gateway metric	Settings Physical Settings Physical Settings Required for certain ISPs, I G If unchecked, no default ro			
Client ID to send when requesting DHCP Vendor Class to send when requesting DHCP Override MAC address Override MTU	00:3C:14:16:B0:3B			
			Save & Apply Save Reset	

Advanced Settings

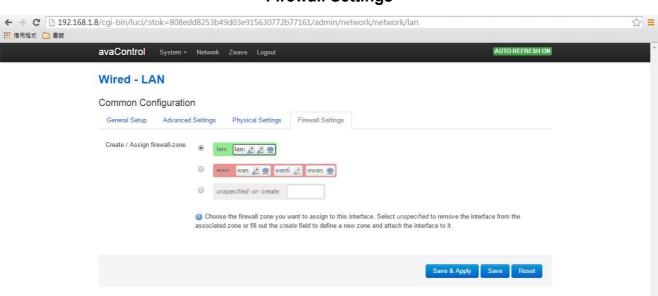
2.4.2.3 Physical Settings

You can create a bridge over specified interface and enables the Spanning Tree Protocol on this bridge. You also can select which interface you needed by clicking the check squares.

		Phy	sical Settings		
	8/cgi-bin/luci/;stok=808ed	d8253b49 <mark>d</mark> 03e91563077 <mark>2</mark> b7	7161/admin/network/network,	/lan	☆ =
🧱 應用程式 🧰 書籤					
	avaControl System -	Network Zwave Logout		AUTO REFRESH ON	<u>^</u>
	Wired - LAN				
	Common Configuratio	n			
	General Setup Advanced	Settings Physical Settings	Firewall Settings		
	Bridge interfaces	Image: Constant of the second seco	fied interface(s)		
	Enable STP	Enables the Spanning Tree	Protocol on this bridge		
	Interface	Ethernet Adapter: "@wan"	(wan6)		
		Ethernet Adapter: "eth0" (lan)		
		VLAN Interface: "eth0.1"			
		 Ethernet Adapter: "eth1" (
			Ava_ASUS" (lan, wan, wwan)		
		Custom Interface:			
				Save & Apply Save Reset	

2.4.2.4 Firewall Settings

Choose the firewall zone you want to assign to this interface by clicking on "Firewall Settings" function. Select"*unspecified*" to remove the interface from the associated zone or fill out "*create*" field to define a new zone and attach the interface to it.



Firewall Settings

2.4.3 Zwave

You also can do Z-Wave devices setup by clicking on "Zwave" function. Please refer to Chapter 3 for the detailed description.



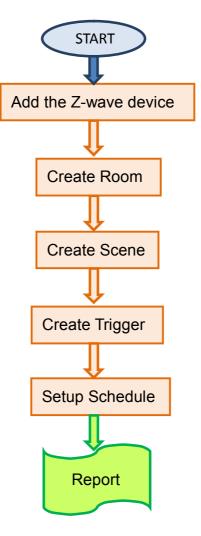
ZWave home page

2.4.4 Logout

You can log out the system by clicking on "Logout" function.

2.5Initial setup procedure for ZA1002US-5 web configuration

In order to set proper functions for each Z-Wave device, you can follow this flow chart before you start to configure Z-Wave devices for ZA1002US-5.



SetZwave Please refer to section 3.2 Room Please refer to section 3.3

Function Name

in the top menu

Scene Please refer to section 3.5

Trigger Please refer to section 3.6

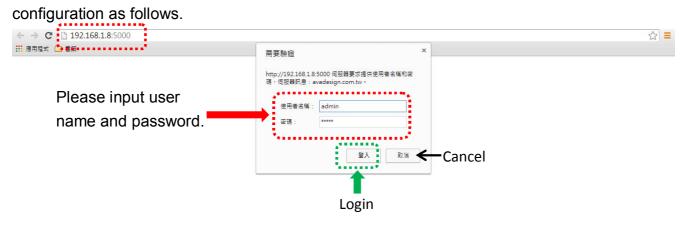
Schedule Please refer to section 3.7

Report Please refer to section 3.8

Chapter 3 Full web configurations

3.1 Enter web configure page

Move the cursor to the IP address of ZA1002US-5 on the screen and click it that as shown the diagram of avaControl Finder at section 2.3. Then you will enter the web page for

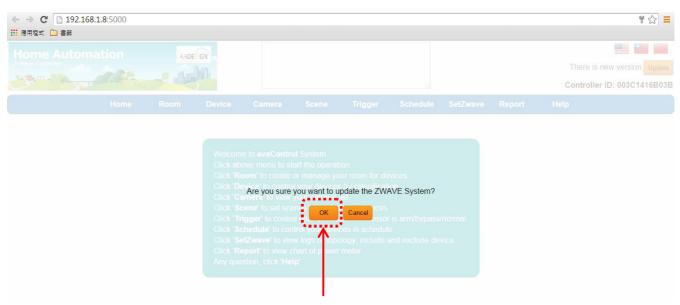


Please input with username: <u>admin</u> and password: <u>admin</u> then click "Login" button on the screen. After login ZA1002US-5, you will see the home page as shown below.



At right side of home page, you can see the national flag of different country for different language selection. Just click the national flag you will get which language you want. You also can see the orange color button with characters of update. Click "Update" button to update your configuration software. Finished the update procedure, you will see the screen as shown below. A message of "This is the newest version" displays on the screen now.

Update procedure



Please click on "OK" button to update the AVA-88 software.

Home Page

← ⇒ C □ 192.168.	.1.8:5000									루 ☆ 🔳
🧱 應用程式 🧰 書籤										
Home Autom	ation	110	EGN							······································
Z-Wave Controller	ation	TOMO								This is the newest version
9. m. m. M.	and the									
	99.	- Andrew	5				1			Controller ID: 003C1416B03B
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help
	потпе									

Welcome to **avaControl** System. Click above menu to start the operation: Click '**Room**' to create or manage your room for devices. Click '**Device'** to control your devices by classification. Click '**Camera'** to view your camera list. Click '**Scnee'** to set scenes to control your devices. Click '**Schedule'** to control your devices in schedule. Click '**Schedule'** to control your devices in schedule. Click '**Schedule'** to view logs or topology, include and exclude device. Click '**Report'** to view chart of power meter. Any question, click '**Help'**.

After Login ZA1002US-5 user will see screen as above, and there are ten maincategories, user can click on each category to extend detail items.

- Home
- Room
- Device
- Camera
- Scene
- Trigger
- Schedule
- SetZwave
- Report

Help

The various configuration menus are explained below. You can select various function listed in the first line of Home page display.

3.2 SetZwave-Z-Wave device settings

One of main functions of ZA1002US-5 is control and monitoring the room. If you would like to implementation of these efforts require the helpofZ-Wavedevices in order to complete the task. At first, you need to add the newZ-Wavedevices to ZA1002US-5 for control and monitoring the room or remove the Z-wave device which not used.

3.2.1 The Z-Wave device configuration

3.2.1.1 Add a Z-Wave device

You can add the Z-Wave device by clicking on the category of "SetZwave" in the menu bar. The procedure of adding the Z-wave device is described as follows.



Step 1: Enter the "SetZwave" page and select "DeviceConfiguration"

Step 2: Click on the "Include NewDevice", the screen will appear"Add Device: Waiting for a user action."

🧱 應用程式 🧰 書籤										¶☆	
Home Automation			下午3:26 user act 下午3:26 removed	下件3:26:29 Remove Device: Waiting for a user action. 下件3:26:32 Remove Device: Device No.92 is removed successfully. 下件3:26:35 Add Device: Waiting for a user					This is the newest version Controller ID: 003C1416B03E		
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
SetZwave	Device of	configuratio	1								
ZwaveControl & Lo	g				Cancel	Exolu	in Daviso	Cancel Operatio	n		
Topolog	У						<u>(</u>				
	n						518°				
Device Configuration					Add	Device: Wait	ing for a user a	action			
Device Configuration	У				Auu	Device. Wan					

Step 3: Press the programming switch button on the Z-Wave device for connection. The location of programming switch button depends on the type of Z-Wave device that you use. Please refer to the user manual of the Z-Wave device.

Step 3: Press the programm	ning switch button on th	e Z-wave device.	
	Include New Device	Exclude Device	Cancel Operation
	The Z-wav	e device was added	successfully.
······	6	·····	
		Find New Device	
Plug-in on/off module	•	•	

- p.s. You also canbuy these Z-Wave devices such as Plug-in on/off module, Door sensor, PIR sensor, Wireless siren...etc. from Avadesign Technology.
- Step 4:When your Z-Wave device has added successfully, the message of "Add Device: Command has completed successfully"will display on the screen.
- Step 5:When the new Z-Wave device was found, you can modify the name and room settingsas shown below.

Device Type:	
Device Name	HA-05C Lamp Screw In M
Location Room:	Choose room name
	* CFF

Step 6: Then click "device", the new Z-wave device is ready to use now.



3.2.1.2 Remove a Z-Wave device

You also can remove the Z-Wave device by clicking on the category of "SetZwave" in the menu bar. The procedure of removing the Z-wave device is described as follows.

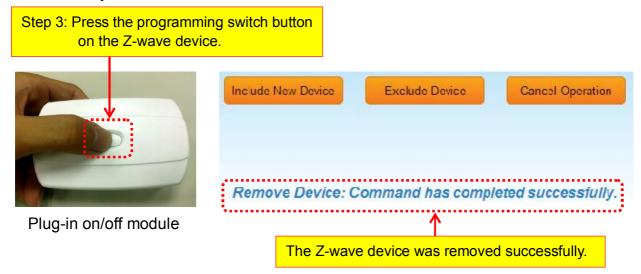
Step 1: Enter the "SetZwave" page and select "DeviceConfiguration"



Step 2: Click on the "Exclude Device", the screen will appear "RemoveDevice: Waiting for a user action."

← ⇒ C □ 192.168.1.8	3:5000									¶ ☆ ।
應用程式 🧀 書籤										
Home Automat	ion	AADE		上午10:54 上午10:54 上午10:54	:37 Update pr :43 Checking :43 Update su :43 Waiting f	new firmware. ccess.	•			This is the newest version Controller ID: 003C14168038
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help
SetZwave	Device	configuration	(0)							
ZwaveControl & Log	g			in	clasic New Devi	00 C	ancel	Cancel Operation	n	
Topolog	у						1/E			
Device Configuration	n						218			
Door Lock Security	у				Remov	ve Device: Wa	aiting for a us	er action.		
Version Information	n									

Step 3:Press the programming switch button on the Z-Wave device forremoving. The location of programming switch button depends on the type of Z-Wave device that you use. Please refer to the user manual of the Z-Wave device.



Step 4: When your Z-Wave device has removed successfully, the message of "Remove Device: Command has completed successfully" will display on the screen.

3.2.2 Z-Wave Control and Log

ZA1002US-5provides alarm records of all Z-Wave control devices for user as follows.

SetZwave – ZwaveControl& Log

	tion	<u>++</u>			インション Add Device: Com ancelled. 「牛3:26:29 Remove Device: ser action. 「牛3:26:32 Remove Device:	Waiting for a	•			This is the newest version
	Home	Room	Device	Can	nera Scene Tr	igger Sche	dule Set	Zwave	Report H	lelp
SetZwave	Logs									
ZwaveControl & Lo	g				Alarm	Update				
Topolog	ау	Time	í.	Node ID	Node Name	Event Type	Alarm Type	Alarm Level	Notify Type	Notify Event
Device Configuration	on Wed D	Dec 10 07:08: 2014	32 GMT	2	Wireless Door/Window Sensor	Alarm	0x0	0x0	Home Security	Intrusion, Unknown Location
Door Lock Securi	ty Wed D	Dec 10 02:06: 2014	26 GMT	2	Wireless Door/Window Sensor	Alarm	0x7	0xff	Home Security	Intrusion, Unknown Location
Version Information	Wed D	Dec 10 02:04: 2014	05 GMT	2	Wireless Door/Window Sensor	Alarm	0x7	0xff	Home Security	Intrusion, Unknown Location
		Dec 10 02:02: 2014		2	Wireless Door/Window Sensor	Alarm	0x7	0xff	Home Security	Intrusion, Unknown Location
		Dec 10 02:01: 2014		2	Wireless Door/Window Sensor	Alarm	0x7	0xff	Home Security	Intrusion, Unknown Location
		Dec 10 02:01: 2014		2	Wireless Door/Window Sensor	Alarm	0x7	0xff	Home Security	Intrusion, Unknown Location
		Dec 10 01:51: 2014		2	Wireless Door/Window Sensor	Alarm	0x7	0xff	Home Security	Intrusion, Unknown Location
	Wed [Dec 10 01:38: 2014	14 GMT	2	Wireless Door/Window Sensor	Alarm	0x7	0xff	Home Security	Intrusion, Unknown Location
	Wed D	Dec 10 01:37: 2014	49 GMT	2	Wireless Door/Window Sensor	Alarm	0x7	0xff	Home Security	Intrusion, Unknown Location
					Wireless Door/Window				Home	Intrusion, Unknown

When you click on "Update" button, you will see the listing of software version updated. Clicking on the "Version" button at the end of screen, the system will check the software version of ZA1002US-5 for you automatically.

← → C 192.168.1.8 # 應用程式 □ 書版 Home Automati E Wave Controller		AADE		上午10:54 上午10:54 上午11:22 action.	4:43 Update su 4:43 Waiting f 2:35 Add Devic		-			10000000000	위 ☆ =
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
SetZwave	Logs						· • •				
ZwaveControl & Log	1					Alarm		1/2			
Topology	,		Tin	10			••		Version		
Device Configuration	1	Tu		5:17 GMT 2014	1			sw-win32-0		1.39-20141208	
Door Lock Security	,	Thu	I Nov 20 10:5	4:41 GMT 201	4			sw-win32-0	.3.6.4-config	1.38-20141120	
Version Information				24:49 GMT 201					-	1.37-20141117	
Version mormation				1:15 GMT 201					· · · · · · · · · · · · · · · · · · ·	1.37-20141117	
				25 GMT 2014						1.35-20141016	
				4:22 GMT 201					-	1.35-20141016	
				9:50 GMT 201						1.34-20141013	
				3:29 GMT 201					•	1.31-20140926	
	ZWAVE		Version			ersion"	button			1.51-20140324	
		\uparrow		to c	heck th	ne versio	on.		_	u can clic	
You also of button to r				Version	There i	s new ve	rsion.	Ipdate 🗲	do	odate" bu wnload th sion for u	e newest

You also can click the "reset" button to reset the system shown as above diagram. Then you can click on "OK" button to reset the system or "Cancel" button to quit the reset process.



3.2.3 Topology

The topology diagram shows the connection relationship of ZA1002US-5 and all of Z-wave devices. The small square at row 1 and column 1 represents the ZA1002US-5. The small square at row 1 and column 2 represents a Z-Wave device. Applying the topology diagram, user can decide the control path of ZA1002US-5 and each Z-Wave device. For example, theZA1002US-5can control the remote device B indirectly by device A.

SetZwave - Topology



3.2.4 Door Lock Security

You can select a door lock to add password or modify password.

				Se	tZwave	e – Doo	or Loci	k Secu	rity			
\leftarrow	→ C 192.168.1.8	3:5000										¶☆ 〓
111 AS	明程式 🗀 書籤											
	用程式 🧀 書籤											
		ion	AAD	GN	上午10:5- 上午10:5-	4:43 Update su 4:43 Waiting 1	for reboot.	1			This is	the newest version.
2		7.2 P.	-	hit.	action.		e: Waiting fo	•				ID: 003C1416B03B ID: 00092C101C51
		Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
1	SetZwave	Door L	ock Security									
	ZwaveControl & Lo	g				Dool	Lock: Select	a door lock to add	pas: V			
Å	Topolog	У					Select	a door lock to add ss Electronic Dead	password			
	Device Configuratio	n										
	Door Lock Securit	У				Select	a door l	ock to a	dd or m	odify p	assword.	
	Version Informatio	n										

Then you will see the listing of user name and password. Clicking on the pen icon to modify the password. You also can click on the **X**symbol todelete the password.

	AADE	GN	上午10:5- 上午10:5-	4:43 Update su 4:43 Waiting f	or reboot.	Î				
	-	bill	action.	2:35 Add Devic 3:06 Add Devic		-				is the newest version
										er ID: 003C1416B03E
Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
	Room .ock Security	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
SetZwave Door L ZwaveControl & Log		Device	Camera			Schedule ss Electronic Dead		Report	Help	
SetZwave Door L ZwaveControl & Log		Device	Camera					Report	Help	Logs
SetZwave Door L			Camera			ss Electronic Dead		Report	Help	Logs

You can click on the "Add" button to add new password as below. The maximum length of password is 10 digits and you can input numeric $0 \sim 9$.

· 應用程式 🗋 書籤	3:5000									F 🕸
Home Automat	ion	AADI		cancelle 上午11:5 action.	0:08 Add Device 0:39 Add Device	e: Waiting fo	r a user			This is the newest ver Controller ID: 003C1416B
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help
SetZwave	Door Lo	ock Security								
		ock Security			Pa	ssword				
	g	ock Security			Pa		Max numbers	: 10		
ZwaveControl & Lo	a a	ock Security			Pa		Max numbers			
ZwaveControl & Log	g y	ock Security			Pa					

You can click on the "Log" button to get the door lock records as below. The maximum number of logs is 5. Please input the record number that equal or less than 5 then click on "Search" button.

Ocarcin butto	-										
← ⇒ C □ 192.168.1.	8:5000									Ĩ	☆ =
🛄 應用程式 🧰 書籤											
Home Automat	tion	AADI		cancelle 上午11:5 action.	0:08 Add Devic 0:39 Add Devic	e: Waitin <mark>g</mark> fo	r a user			This is the newest v Controller ID: 003C141	version
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
SetZwave	Door Lo	ck Security									
ZwaveControl & Lo	g				Input:	Rec	ord Search	(Max:0)			
K Topolog	у						_				Time
Device Configuratio	n										Contract
Door Lock Securit	ty .										Cancel
Version Informatio	n										

The "Time" button on the right side of screen is used for time setting by manually. You have to input the right date and time by yourself. When you replace the battery of Electric Deadbolt, please remember to modify the date and time here.

- → C □ 192.168.1.8 :應用程式 □ 書籤	\$:5000									¶☆ ≡
Home Automat	ion	AAD		下午4:56: 下午4:56: 下午4:56:	:14 Update pro :36 Checking n :36 Update suc :36 Waiting fo	cess start. ew firmware. cess.	•			This is the newest version Controller ID: 003C1416B038
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help
SetZwave	Door Lo	ock Security								
ZwaveControl & Log		ock Security			Day	and Time:201	4/12/9 16:5:17			
ZwaveControl & Log	g	ock Security			Day	and Time:201		ancel		
ZwaveControl & Log	y g	ock Security			Day	and Time:201		ancel		
ZwaveControl & Log	g y	ock Security			Day	and Time:201		Cancel		

3.2.5 Version Information

Clicking on "Version Information" item, you will get the information of software version.

Iome Automat	ion	AADE	GV _	下午3:45: command.		e: Startin <mark>g</mark> co					
-Wave Controller			ha.	cancelle	d.	e: Command was				T	is is the newest version
	49		5	下午5:19	:03 Update pro	ocess start.	1			Contro	ller ID: 003C1416B03
		(1-1) (1-1)									
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
SetZwave		Room		Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
ZwaveControl & Lo	Version	and the second second		Camera	Scene	Trigger	Schedule Device Conf		Report	Help	Date
	Version	and the second second			Scene	Trigger		iguration	Report	Help	Date 20140815
ZwaveControl & Lo	Version g y	Information		Version	Scene	Trigger	Device Conf	iguration	Report	Help	

SetZwave – Version Information

3.3 Room setting

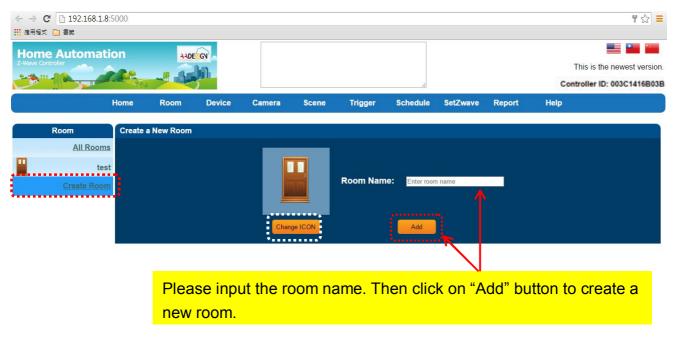
ZA1002US-5 can classify and integrate all kinds of Z-Wave devices to do home automation includes room, scene, trigger, schedule and report.

3.3.1 Create room

Create rooms to distribute Z-Wave devices

According to the different room in the family, you can distribute the Z-Wave devices to each room. And you can learnwhichroomwas invadedor controlledhousehold appliances quickly.

Now, you can create a new room by clicking on "Create Room" item. Then input the room name and click on "Add" button.

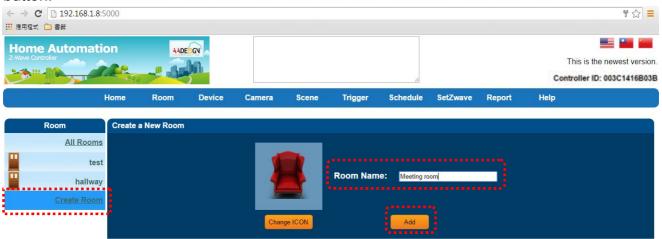


Room – Create Room

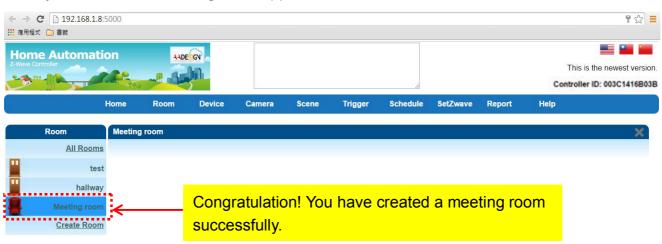
You also can change the icon of the room by clicking on "Change ICON" button. Then you will see some pictures that you can choose for the proper room as below screen.

ome Automatic	on A	DECO								the newest version.
	Home Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
Room <u>All Rooms</u> test <u>Create Room</u>	Click picture to cho		Bathro Kitch		4		Bedro		<u>ب</u>	Dining roor

If you change icon and input "meeting room" in the field of room name, and click on "Add" button.



Then you will see the meeting room appear on the left side of screen.



3.3.2 All rooms

You can see the device status in each room easily by clicking on "All rooms" item.

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	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Controll Help	ler ID: 003C1416803B
Room All Rooms tes hallway Meeting roon <u>Create Roon</u>	t y	om eless Door/Wir ensor	ndow Senso	r Undefined Undefi	ined		curity n, Unknown cation	Mode	•		
		lode	ic Deadbolt	Door Lock(Rea		Bolt statu	15	Latch st		= 100	

3.4 Device setting

You can place the Z-wave device in the right room by selecting device function in the top menu and choosing a device which you want.

- For example, you create a meeting room at section 3.3, and you would like to place light device in this room. The setting procedure is described as following:
 - Step 1: Select "Device" function and clicking on "All Devices" item to show all of the Z-Wave devices on the screen.
 - Step 2: Choose the device that you need and click on the icon of pen to edit the content of device.For example, you place light device in this room.

Please refer to the following screen.

← ⇒ C 192.168.1.8:5000 ¶☆ ≡ 🔢 應用程式 🗀 書籤 **Home Automation** AADEOGN Step 1 This is the newest version. 1.80 . And ------Controller ID: 003C1416B03B Device Schedule SetZwave Report Camera Scene Trigger Home Room Help Device All Devi All Devices Wireless Door/Window Sensor Switch Undefined Mode Sensor Home Security Sensor Meter Intrusion, Unknown Location Undefined • Thermostat Others - 100 Wireless Electronic Deadbolt Door Lock(Real Time Version) Mode Door status Bolt status Latch status Unsecure V • ? -• -€⊧ 94 In-Wall Switch, 1 Relays 🧷 Hidden Type On/Off Module 🧷 Light Step 2: Edit Switch Switch Switch On On . ON OFF H Off Off 1 1 Wireless Siren and Strobe Alarm Battery Power Ö Switch Power On * OFF \odot 0.000W Off Smart Energy Switch Switch Power Voltage Energy On Y -(W) V 0.000W 125.960V 0.000kWh Off Rate Type Power Rate Type Import(const 🔻 Import(const 🔻 **(**W) 0.000W Appliance On/Off Module(Power Plug In Type) 🧷 Switch ON Off

Device – All Devices

Step 3: Edit the content of light device. Please input the device name and room name. Then click on "Save" button to save the configuration. You also can check this node by clicking on "Check and Remove" button and the message of "The node is OK" displays on the screen.

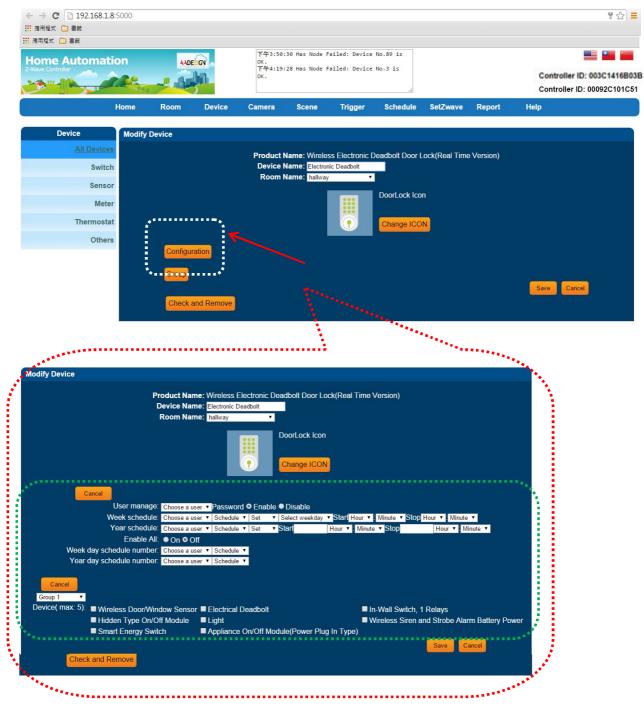
← → C □ 192.168.1.8 ※ 日本 192.168.1.8		AADI		下午3:50: OK.	30 Has Node F	ailed: Device	No.89 is				문 ☆ =
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
Device	Modify	Device									
All Device	<u>s</u>				Product	Name: HA-05	C Lamp Screw	In Module			
Switc	h				Device	Name: Light					
Senso	or				Room	Name: Meeting					
Mete	er						SwitchBinary I	con			
Thermosta	at						Change ICON				
Other	s										
		Check	and Remove	The node is C	DK.						Cancel

Step 4: Go back to "Room" functionand click on "Meeting room" item, then you will see the light device

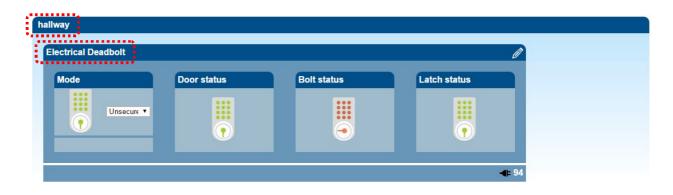
Room-I	Meeting	room
--------	---------	------

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Hom	e Automat	ion	44D	EGN	下午3:50 OK.	:30 Has Node F	ailed: Device	No.89 is			
Z-Wave Co		-	TECHNOL CONTRACT	Alen.							This is the newest version
		ALC: NO		5				1			Controller ID: 003C1416B03E
		Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help
1	Room	Meeting	g room								×
	All Room	s Light	2	(I)							
-	tes	st									
	hallwa	y Sw	vitch								
	Meeting room	n		On							
-	Create Roon	n		Off							
				#							

Now, you can place another device to other room continuously. For example, you want to place electronic deadbolt in hallway. Please refer to the following screens.



Then you will find the electronic deadbolt in hallway now.



3.5 Scene Setting-Control Z-Wave devices

You cancontrol and combine a number of Z-Wavedevicestogether and execute a designed operation action by clicking one key only.

3.5.1 Create Scene

Step 1:Select "Scene" function in the top menu on the screen. Then click on "Create Scene" item. Please input the scene name and click on "Add" button.

	← → C □ 192.168.1.8 Ⅲ 應用程式 □ 書籤	3:5000									F ☆ 🔳
	Home Automat	ion	A AD		OK.	:30 Has Node F :28 Has Node F			This is the newes Controller ID: 003C1		
		Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help
2						- Second					
	Scene	Create	Scene								
	All Scene	s									
	Open Corner Ligh	nt				Š	Scene Name:T	urn on the light for	and the second se		
	Open porch light an alarr								Add		
	Close porch light an alarr										
	Close Corner Ligh	nt									
	door ope	n									
	Create Scen	e									

Scene – Create Scene

Step 2:Now, you can see the scene was created and named as "Turn on the light for meeting room". You also can edit the scene name by clicking on the icon of pen.

ve Controller			GN	ок. 下午4:19 ок.	:28 Has Node	Failed: Device	No.3 is			TORAL STREET	e newest vers
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
Scene	Turn o	n the light for	meeting roor	n							
All Scene	s Scene	Name: Turn	on the light f	or meeting ro	on 🧷						
Open Corner Ligh	it Con	trolled Device	s:		Å					Select one devi	ce to add 🔻 📕
Open porch light an	•	vice in the sc	ene								
Close porch light an	d										
alarr					11-						
Close Corner Ligh						∕ou also	can edi	t the sce	ene		
door ope					ll r	ame by	clicking	on the	icon of		
Turn on the light fo meeting roor						•	onorang	j on the			
Create Scen	e					en.					
	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
	Turn o	n the light for	meeting roo	m							
Scene	Turno										

Then add controlled Z-Wave devices in this scenario that shown as below. For example: you add a switchof light in this scenario.



You can add more controlled Z-Wave devices in this scenario by selecting one device in the scrolling menu and clicking on the icon of plus sign on the screen. Then you will see a new controlled device display on the screen now.

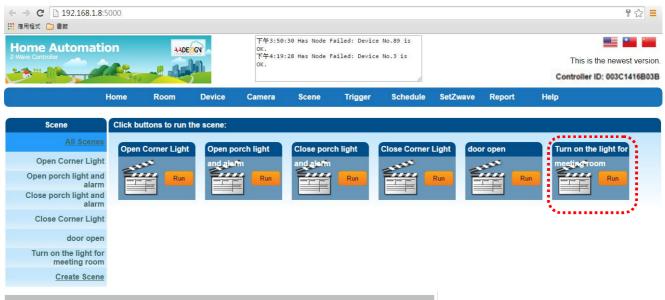
 ← → C ☐ 192.168.1.1 Ⅲ 應用程式 □ 書載 ← → C □ 192.168.1.8 											¶☆ =
Ⅲ 應用程式 🇀 書籤											
	11-	-	bih-	ок.			10			Controller ID: 0	ewest version. 0092C101C51
<u>g</u>	Home	Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	H Controller ID: 00	3C1416B03B
Scene	Turn or	the light for	meeting roo	m)							×
All Scene	s Scene	Name: Turn	on the light f	or meeting ro	om 🥖						
Open Corner Ligh	it Cont	rolled Device	s:							Select one device t	o add 🔻 📥
Open porch light and alarn		ht-Switch	-	Smart Energy	· Swite						
Close porch light and alarn	d		On		On						
Close Corner Ligh	nt			$\overline{\nabla}$						ave device	
door oper	n	II C	Off	-	Off		<mark>in this sc</mark>	enario b	oy click	ing on the	
Turn on the light fo meeting roon							icon of ")	X".			
Create Scene	e		÷.,								

You also can delete a controlled Z-Wave device in this scenario by clicking on the icon of "X". Then you will see this controlled device disappear on the screen now.

Step 3:Setting the proper action for each device.For example: you can turn on the light by clicking on "On" button. Then you will see the color of light has changed to bright yellow.

← → C □ 192.168.1.8:5 Ⅲ 商用程式 □ 書籤	5000									¶☆ ≡
Home Automatic	on 🔐	E GV	です3:50:30 Has Node Failed: Device No.89 is OK. 下午4:19:28 Has Node Failed: Device No.3 is OK.							ne newest version.
	Home Room	Device	Camera	Scene	Trigger	Schedule	SetZwave	Report	Help	
Scene	Turn on the light fo	r meeting rooi	n							×
All Scenes	Scene Name: Turr	on the light f	or meeting ro	om 🥖						
Open Corner Light	Controlled Devic	es:							Select one dev	vice to add 🔻 🕂
Open porch light and alarm	Light-Switch									
Close porch light and alarm		On								
Close Corner Light		Off								
door open										
Turn on the light for meeting room	N									
Create Scene										

Step 4:You can click on "Run" button of the scene that has set by yourself. The correspondingZ-Wavedevice will be used.



Federal Communications Commission Statement

This equipment has been followed to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, 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 and correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna,
- Increase the separation between the equipment and receiver,
- Connect the equipment into and 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 the FCC Rules. Operation is subject to the following twiIMPORTANT NOTE : (For Mobile Device Configuration)

acFCC Radiation Exposure Statement:

 $_{\rm FC}^{\rm op}$ This equipment complies with FCC radiation exposure limits set forth for an $_{\rm ref}^{\rm cuncontrolled}$ environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.