IP Audio Gateway User Manual



1 port IP Audio Gateway



2 ports IP Audio Gateway



1 port IP Audio Gateway(build in amplifier)

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1. Brief Introduction

A IP broadcast system is composed of a microphone, broadcast software (Windows computer) and network loudspeaker (or audio receiver). The network loudspeaker is connected through internetwork. The broadcast can be in human voice and scheduling. The scheduling broadcast function is to play audio (MP3/WAV) in computer at appointed time, as well as edit group function to conduct group broadcast or multipoint broadcast. The system composition is simple. It is unnecessary to have wiring or purchase an amplifier or player if there is a network environment. The system's host and loudspeaker shall be set. The audio receivers can be installed in the broadcast system, to have network broadcast function.

2. Product Package Content:

- 1 port IP Audio Gateway (build in amplifier)
- 1 port IP Audio Gateway

(1) Host X 1



(2) Ethernet line 2Mx1



(3) Power Adaptor (output : DC 24V -- 4A) X 1







(2) Ethernet line 2Mx1



(3) Power Adaptor (output : DC 12V -- 1A) X 1



(4) 3.5mm (Male) to RCA(Male) Cable 1.8M x1



2 ports IP Audio Gateway







(3) Power Adaptor (output : DC 12V -- 1A) X 1



(4) 3.5mm (Male) to RCA(Male) Cable 1.8 M x2



3. Main body Size

(L) 17X (W) 14.5 X (H) 3.9 cm

4. Panel Introduction



4.1 1 port IP Audio Gateway(build in amplifier)

(1)SPEAKER : the contact can be used to connect a loudspeaker with a resistance of 8Ω and a maximum power of 40W

(2)DC 24V : power supply input interface

(3)LAN: network port; insert network line to establish network connection

(4)PWR: power supply indicator lamp

(5)STATUS : indicator lamp of sound output state

Constantly on: Audio Out 2 has sound output

Flash: the broadcast point is successfully registered in the broadcast system server

Off: the broadcast fails in registering in the broadcast system server or no sound is

output

(6)T/R : network transmission indicator lamp

(7)Link : network connection indicator lamp

4.2 1 port IP Audio Gateway



- (1) SWITCH : can be connected to an amplifier with external start function through the contact. When Audio outputs the sounds, it can start the amplifier synchronously.
- (2) DC 12V: power input port
- (3) Audio output : 3.5mm Sound output port
- (4) LAN: internet connection port; insert the network cable to establish a network connection
- (5) PWR: power indicator
- (6) STATUS: sound output status indicator; when the port is outputting sounds, the indicator should be on, otherwise it is off.
- (7) Link: network connection indicator

4.3 2 ports IP Audio Gateway



- (1) SWITCH 1: Normally Open 1; can be connected to an amplifier with external start function through the contact. When Audio 1 outputs the sounds, it can start the amplifier synchronously.
- (2) SWITCH 2: Normally Open 2; can be connected to an amplifier with external start function through the contact. When Audio 2 outputs the sounds, it can start the amplifier synchronously.
- (3) DC 12V: power input port
- (4) Audio output 1: 3.5mm Sound output port1
- (5) Audio output 2: 3.5mm Sound output port2
- (6) LAN: internet connection port; insert the network cable to establish a network connection
- (7) PWR: power indicator
- (8) STATUS 1: sound output status indicator; when the port is outputting sounds, the indicator should be on, otherwise it is off.
- (9) STATUS 2 sound output status indicator; when the port is outputting sounds, the indicator should be on, otherwise it is off.
- (10) Link: network connection indicator

5. Link schematic diagram

5.1 1 port IP Audio Gateway(build in amplifier)



5.2 1 port IP Audio Gateway



5.3 2 ports IP Audio Gateway



6. Web picture

Step 1: open IE browser (or other browser software), input [http://192.168.0.100]

Step 2: enter [Login WEB] picture, input [Username & Password (defaults: username: voip , Password: 1234)] data, and then click [OK] to enter the equipment management interface after confirming the password is correct (as shown in the following picture).

Vindows Security	×	
The server 192.168.0.100 at Embedded WEB Server requires a username and password.		
Warning: This s sent in an insec connection).	erver is requesting that your username and password be ure manner (basic authentication without a secure	
	voip •••• Remember my credentials	
	OK Cancel	

Step 3: you can see [System Information] interface after entering the system, which provides data of Model Name, Firmware Version and Code Version.

6.1 1 port IP Audio Gateway(build in amplifier)

Firmware Version: Codec Version:	Wed Jul 26 11:11:21 2017
Codec Version:	TI 1 100 44 45 45 0040
	1 nu Jul 29 11:15:45 2010

6.2 1 PORT IP AUDIO GATEWAY

	IP Audio Gateway v1.201		
Network SIP Setting	Model Description: Firmware Version: Codec Version:	1 port IP Audio Gateway Wed Jul 26 12:02:53 2017 Thu Jul 29 11:15:45 2010	
Auto Config System Authority			
Save Change Reboot			

6.3 2 PORTS IP AUDIO GATEWAY

IP Audio Gateway v1.201

Network		
SIP Setting		
Update		
System Authority		
Save Change		
Reboot		

Model Description:	2 ports IP Audio Gateway
Firmware Version:	Wed Jul 26 11:50:15 2017
Codec Version:	Thu Jul 29 11:15:45 2010

7. Set the main interface

It provides the following function items: Network, SIP Setting, System Auth, (Account and Password Change), SaveChange, Update and Reboot. Description of function items.

Network SIP Settings	
Update	
System Authority	
Save Change	
Reboot	

(1)Network : Network provides Status and WAN Setting

(2)SIP Settings : SIP Setting provides Service Domain (SIP registration setting), Port Setting (SIP and

RTP ports setting), Code Setting (voice format setting), Audio Setting (loudspeaker volume and sound detection setting), Other Setting.

- (3)Update : Update (firmware updating) provides Firmware (firmware updating), Default Settings (factory reset).
- (4)System Authority : System Auth (Account and Password change) provides change of user's account and password.
- (5)Save Change : Save Change provides setting of save change environment.
- (6)Reboot : Reboot provides the function of rebooting a device.

8. Network (Network Environment)

8.1 Status (network status)

Network Status (network status) picture shows the date of current network environment status (as shown in the following picture).

	Net Status	
Network Status WAN Setting SNTP Settings	Master Type IP Mask Gateway	WAN Interface DHCP Client 192.168.0.127 255.255.255.0 192.168.0.254
SIP Settings	MAC	00037E0152F9
Update System Authority Save Change Reboot		

Column	Introduction
Master	Show the network environment data of the network port (WAN port)
Туре	Show current network connection mode
IP	Show set or gained network address data
Mask	Show set or gained network coding data
Gateway	Show set or gained preset gateway data
MAC	Show MAC position data of the machine

8.2 WAN Setting (WAN network setting) WAN Setting (WAN network setting) picture provides WAN network connection mode.

	WAN Set	WAN Setting		
etwork	IP Type	Fixed IP ODHCP Client OPPPoE		
Status	Master IP	192.168.0.100		
WAN Setting	Mask	255.255.255.0		
SNTP Settings	Gateway	192.168.0.254		
IP Settings	DNS Server1	168.95.192.1		
Jpdate	DNS Server2	168.95.1.1		
System Authority	MAC	00037e0152f9		
ave Change	Host Name	IS-0152F9		
Reboot				
		PPPoE Setting		
	User Name			
	Password			

Submit Reset

WAN Setting	Provide WAN port network environment setting data
IP Type	Preset to be DHCP Client network mode. Provide Fixed IP, DHCP Client
	(automatically obtain an IP address) and PPPoE mode.
	Fixed IP: set IP address manually.
	DHCP Client (automatically obtain an IP address): automatically obtain an IP
	address.
	PPPoE (connect PPPoE): adopt PPPoE connection mode.
IP	Show IP address data. Show gained or set IP address data.
Mask	Show subnet mask data. Show gained or set subnet mask address data.
Gateway	Show preset gateway data. Show Show gained or set preset gateway address
	data.
DNS Server1	Preset to be 168.95.192.1; show gained or set first DNS server's address data;
	IP or Domain Name can e input
DNS Server2	Preset to be 168.95.1.1; show gained or set second DNS server's address
	data; IP or Domain Name can e input
MAC	Show MAC position data of the machine
PPPoE Setting	Provide PPPoE connection data
User Name	Set connection account name, in which figures or strings are available
Password	Set connection account password, in which figures or strings are available
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

Press [submit] to finish storage setting after changing the data to be adjusted, and select the main menu's [SaveChange], to execute storage change setting, the system will restart automatically *

8.3 SNTP Setting

SNTP Setting picture provides server address and timing time.

SNTP Settings Network SNTP: ●On ○Off Status WAN Setting Primary Server: time.windows.com SNTP Settings 208.184.49.9 Secondary Server: SIP Settings Update GMT + ∨ 08 ∨ : 00 ∨ (hh:mm) Time Zone: System Authority Sync. Time: 0 : 6 : 0 (dd:hh:mm) Save Change Submit Reset Reboot

Column	Introduction
SNTP	Preset to be On (start); timing function. Turn off timing
	function when it is set to be Off.
Primary Server	Preset to be time.windows.com; the first syn-position
	timing server address. Input IP or Domain Name
	address.
Secondary	Preset to be 208.184.49.9; the second syn-position
Server	timing server address. Input IP or Domain Name
	address.
Time Zone	Preset to be GMT + 08:00 (hh:mm); timie zone material.
Sync. Time	Preset to be 1:00:00 (1 day); timing time. Correct the
	host time every a certain peroid.
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

Press [submit] to finish storage setting after changing the data to be adjusted, and select the main menu's [SaveChange], to execute storage change setting, the system will restart automatically *

9. SIP Setting

9.1 Service Domain (broad system server registration setting)

Service Domain (registration setting) picture provides registration account data and state of setting the broadcast system server.

	Service Don	Service Domain Settings		
	Active:	ON OFF		
work	Register Name:			
Setting	Register Password:			
rvice Domain	IPB Server:		<u>s</u>	
ter Table	Statue:	command Not Degistered		
ort Setting	Status.	Not Registered		
odec Setting	Activo	0 on 0 off		
odec ID Settings	Active.	ON OFF		
udio Setting	Register Name:			
lusic Server	Register Password:			
ther Settings		□ IB:	s	
pdate	IPB Server:	command	~	
vstem Authority	Status:	Not Registered		
ave Change	Activo:			
ahaat	Active.	ON OFF		
BDOOL	Register Name:			
	Register Password:			
	IPB Server:	command	<u>s</u>	
	Status:	Not Registered		

Column	Introduction
Active	Preset to be Off; put the account into use. Put the registration
	account into use when it is set to be On.
Register Name	Input registration name data. Input digits or string.
Register Password	Input registration password data. Input digits or string.
IPB Server	Input the registration broadcast system's server data. Input IP
	or Domain Name address.
Status	Show current registration status data. Not Register (failed),
	Register (successful).
IBS	If register to IBS system, please tick

Press [submit] to finish storage setting after changing the data to be adjusted, and select the main menu's [SaveChange], to execute storage change setting, the system will restart automatically *

9.2 Filter Table (The IP list that allow to call-in)

Can set 16pcs IP that allow to call-in. Normal, user can set your IBS IP. Only IBS system can connect with device and send audio to avoid to unidentified IP to connect and send audio.

	Filter Table			
	*: Click Re	mark or Caller URI data fie	eld to entry	
Network	No.	Remark	Caller URI	SEL
SIP Setting	1			
Service Domain	2			
Filter Table	3			
Port Setting	4			
Codec Setting	5			
Codec ID Settings	6			
Audio Setting	7			
Music Server	1			
Other Settings	8			
Update	9			
System Authority	10			
Save Change	11			
Reboot	12			
	13			
	14			
	15			
	16			
		Delete Selec	ted Delete All Reset	

Column	Introduction	
Remark	the annotations for this ip	
Caller URI	input the ip that allow to call-in. example IBS IP or Music Server IP or IP PBX IP	

*if user don't set any ip in table, it mean no filter ip

9.3 Port Setting (SIP and RTP port setting)

Port Setting (SIP and RTP port setting) picture provides setting of SIP and RTP communication port positions.

	Ports Setting	
	SIP Port	5060 (1024~65533)
Network	RTP Port	20000 (1024~65533)
SIP Settings		
Service Domain		Submit Reset
Port Setting		
Codec Setting		
Audio Setting		
Other Settings		
Update		
System Authority		
Save Change		
Reboot		

*

Column	Introduction
SIP Port	Preset to be 5060; set SIP port position.
RTP Port	Preset to be 20000; set RTP port position.
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

Press [submit] to finish storage setting after changing the data to be adjusted, and select the main menu's [SaveChange], to execute storage change setting, the system will restart automatically *

9.4 Codec Setting (voice format setting) Code Setting (voice format setting) picture provides Codec format priority, RTP package size and VAD function.

	Codec Setting	
	Codec Priority	
Network	Codec Priority 1:	G.711 u-law ∨
SIP Settings	Codec Priority 2:	G.711 a-law V
Service Domain	Codec Priority 3:	Not Used V
Port Setting	Codec Priority 4:	Not Used V
Codec Setting	Codec Priority 5:	Not Used V
Audio Setting	Codec Priority 6:	Not Used V
Other Settings	Codec Priority 7:	Not Used V
Update	Codec Priority 8:	Not Used 🗸
System Authority		
Save Change		RTP Packet Length
Reboot	G.711 & G.729:	20 ms ~
	G.723:	30 ms ∨
		C 733 5 3K
	G 723 5 3K	
	0.723 3.5K	OUN OFF
		Voice VAD
	Voice VAD	O ON OFF
		Submit Reset

Column	Introduction
Codec Priority	Provide format priority of using voice.
Codec Priority 1	Preset to be G.711 u-law; the first syn-position voice format. Provide No used, G.711u-law, G. 711a-law,
	G.723 , G.279 , G.726–16 , G.726–24 , G.726–32 , G.726–40
	and so on.
Codec Priority 2	Preset to be G.711 u-law; the second syn-position voice format.
Codec Priority 3	Preset to be G.723; the third syn-position voice format.
Codec Priority 4	Preset to be G.729; the fourth syn-position voice format.
Codec Priority 5	Preset to be G.726-16; the fifth syn-position voice format.
Codec Priority 6	Preset to be G.726-24; the sixth syn-position voice format.
Codec Priority 7	Preset to be G.726-32; the seventh syn-position voice format.
Codec Priority 8	Preset to be G.726-40; the eighth syn-position voice format.
RTP Packet	Provide data of setting RTP package length
Length	
G.711 & G.729	Preset to be 20ms; G,711& G.729 package length Provide 10ms,
	20ms , 30ms , 40ms , 50ms , 60ms , 70ms , 80ms , 90ms and other formats.
G.723	Preset to be 30ms; G,723 package length Provide 30ms,60ms,
	90ms and other formats.
G.723 5.3K	Provide data of setting G.726 5.3K
Voice VAD	Preset to be Off; G.723 5.3K function. Start 5.3K when it is set to

	be On.
Voice VAD	Provide data of setting Voice VAD
Voice VAD	Preset to be Off; voice detection function. Use VAD function when
	it is set to be On.
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

Press [submit] to finish storage setting after changing the data to be adjusted, and select the main menu's [SaveChange], to execute storage change setting, the system will restart automatically *

9.5 Audio Setting (related setting of voice output)

Provide setting of equipment volume and status

9.5.1 1 Port IP Audio Gateway(build in amplifier)

	Audio Setting	
	Message to IBS:	• ON OFF
	Recept IBS IP callin only:	ON OFF
J		
ain	Output Level	45 (64~0)
	RTP Timeout:	10 seconds (0: d
g		
tings		Submit Reset
Б		

Column	Introduction
Message to IBS	Default:ON. Active device to send specific message to
	IBS System or not.
Recept IBS IP Callin	Default:OFF If only allow IBS IP that can connect this
only	device or not.
Output Level	Preset to be 45; set output volume level of audio 1,
	maximum is 64 and minimum is 0.
RTP Timeout	Preset to be 10s: it can be set that the machine restores
	to idle status for a certain period during which the RTP
	package of the broadcast system server is not received
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

* Press [submit] to finish storage setting after changing the data to be adjusted, and select the main menu's [SaveChange], to execute storage change setting, the system will restart automatically *

9.5.2 1 Port IP Audio Gateway

	Audio Setting	
	Message to IBS:	• ON OFF
Network	Recept IBS IP callin only:	ON OFF
SIP Setting		
Service Domain	Output Level	64 (64~0)
Filter Table		
Port Setting	RTP Timeout:	10 seconds (0: disable)
Codec Setting	ANS Delay:	0 seconds (0: disable)
Codec ID Settings		
Audio Setting	Switch Mode:	ON/OFF. Origger
Music Server		
Other Settings		Submit Reset

Column	Introduction
Message to IBS	Default:ON. Active device to send specific message to IBS
	System or not.
Recept IBS IP	Default:OFF If only allow IBS IP that can connect this
Callin only	device or not.
Output Level	Preset to be 64; set output volume level of audio 1,
	maximum is 64 and minimum is 0.
RTP Timeout	Preset to be 10s: it can be set that the machine restores to
	idle status for a certain period during which the RTP
	package of the broadcast system server is not received
ANS Delay	Set answer delay time
Switch Mode	Default:ON/FF:when device connect,dry contact will be NC,
	otherwise will be NO.
	Set as Trigger: when device connect, dry contact will be
	NC for one second, then change to NO
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

9.5.3 2 Ports IP Audio Gateway

	Audio Setting	
	Message to IBS:	● ON ○ OFF
Network	Recept IBS IP callin only:	ON OFF
SIP Setting		
Service Domain	Output 1 Level	64 (64~0)
Filter Table	Output 2 Level	64 (64~0)
Port Setting		
Codec Setting	RTP Timeout:	10 seconds (0: disable)
Codec ID Settings	ANS Delay:	0 seconds (0: disable)
Audio Setting	-	
Music Server	Switch Mode:	ON/OFF. Trigger
Other Settings		
Update		Submit Reset
System Authority		
Save Change		
Reboot		

Column	Introduction
Message to IBS	Default:ON. Active device to send specific message to IBS
	System or not.
Recept IBS IP Callin	Default:OFF If only allow IBS IP that can connect this
only	device or not.
Output 1 Level	Preset to be 64; set output volume level of audio 1,
	maximum is 64 and minimum is 0.
Output 2 Level	Preset to be 64; set output volume level of audio 2,
	maximum is 64 and minimum is 0.
RTP Timeout	Preset to be 10s: it can be set that the machine restores to
	idle status for a certain period during which the RTP
	package of the broadcast system server is not received
ANS Delay	Set answer delay time
Switch Mode	Default:ON/FF:when device connect,dry contact will be NC,
	otherwise will be NO.
	Set as Trigger: when device connect, dry contact will be
	NC for one second, then change to NO
Submit [key]	Execute storage and change setting.
Reset [kev]	Clear input data.

9.6 Music Server

Device can connect extra music server. Music server can play MP3/WAV file to device

	Mus	ic Server
	2019-11-	25 16:56
Network		Channel
SIP Setting	Active	Ves No
Service Domain	SID	IS-0165D3-0
Filter Table	Name	(site description)
Port Setting	Server	
Codec Setting	Status:	Not Registered
Codec ID Settings		
Audio Setting Music Server Other Settings		submit reset call cut
Update		
System Authority		
Save Change		
Reboot		

Column	Introduction
Active	Default:No; active device to connect with music server or not
SID	the identification code that connect to music server
Name	define the display name that connect to music server
Server	set music server's ip and port (default port:6060)
Status	display the staus if register to music server or not.
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

9.7 Other Setting

Save Change Reboot

Other Setting interface provides SIP Expire Time

	Other Setting		
etwork	SIP Expire Time:	60	(30~86400 sec)
IP Setting	Caller Hold:	Disc	onnet 🤍 Quiet 🔍 Music
Service Domain	Call waiting:	Reje	ct Replace
Filter Table			
Port Setting	Ring Only on Call-in:	ON ON	• OFF
Codec Setting	Ring Only Timeout:	30	(1 ~ 9999 sec, 0: forever)
Codec ID Settings		Laurente	
Audio Setting			
Ausic Server		Submit	Reset CutLine
Other Settings			
pdate			
ystem Authority			

SIP Expire Time	Preset to be 60; set registration interval; data setting section (30-86400).
Caller Hold:	Default:Disconnet ;Suggest to set default
Call waiting	Default:Replace ;
	Replace : stop current broadcasting and accept next
	broadcasting
	Reject : finish current broadcasting and reject next
	broadcasting schedule
Ring Only on	Default:OFF ;
	Set ON: If want to register IP PBX as extension and make
	as a telephone amplifier, you can set On. When incoming
	call in ip pbx, device can ring as a telephone amplifier
Ring Only Timeout	if above item set ON. The time out default :30 second
	(1~9999 sec) . if set 0,device will ring continuity
CutLine	Interrupt present sound output and restore to idle status
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

* Press [submit] to finish storage setting after changing the data to be adjusted, and select the main menu's [SaveChange], to execute storage change setting, the system will restart automatically *

10. Update

10.1 New Firmware

	Update Firmware	
	Ver = v1.130, GZ = r4IPA,x1, PCB = IS640.	
Network	Code Type: RISC V	
SIP Settings	File Location:	Browse
STUN Setting		2000F
Update	Submit	teset
New Firmware		
Default Settings		
System Authority		
Save Change		
Reboot		

Code Type	Preset to be Risc (.gz). Select the type of documents to be updated. Provide Risc (system firmware. gz) and DSP (DSP firmware. ds) updating modes.
File Location	Input file positon or name to be updated or press [Browse] to select file data; version name of the file to be updated.
Submit[key]	Execute storage and change setting.
Reset [key]	Clear input data.

Step 1: click [Updte→New Firmware] on the surface to enter [Update Firmware], to set version to be updated and select Code Type: Risc, then set File Location data, to set [Broswe] key (as shown in the following picture).

Update Firmware

Ver = v1.130, GZ = r4IPA,x1, PCB = IS640.
Code Type: RISC
File Location: Browse...
Submit Reset

Step 2: enter [select file] interface, to select [gz] file to be updated [for example, VP5110_70105.gz], and then press [open] (as shown in the following picture), to return to the main interface.

Choose File to Upload				×
Computer	► WIN7 (C:) ► gz	-	↓ Search gz	Q
Organize 🔻 New folder				······································
Downloads 🔺	Name	Date modified	Type	Size
🔚 Recent Places	f4Mv10x1_S0_L0_2N149A	1/28/2015 9:09 AM	WinRAR ???	1,149 KB
Cibraries Documents Music Pictures Videos Homegroup Computer MIN7 (C:) DATA (D:)				
File na	me: f4Mv10x1_S0_L0_2N149A		 ✓ All Files (*.*) Open 	▼ Cancel

Step 3: back to [Update Firmware], wherein [File Location] has data to be updated if it is confirmed to be correct; please press [Submit] to start updating (as shown in the following picture).

Update Firmware

Code Type:	RISC V	
File Location:	C:\gz\f4Mv10x1_S0_L0_2N149A.gz	Browse

Step 4: enter [information prompt] picture, showing [please do not pull out power supply equipment at random in version updating, the updating time is about 3 minutes] (as shown in the following picture).

Note Information



Step 5: back to the main interface after firmware updating, please press [reload (F5)].Conduct other settings.

10.2 Default Setting

Restore Default Setting provides data content of all change setting (not containing data in Network) to restore default setting value; the system will automatically restart.

Network	Restore default settings: default
Update	
New Firmware Default Settings	
System Authority	
Save Change	
Reboot	
Column	Introduction
Restore [key]	Remove all change setting data to restore default setting.

Step 1: click [Update→Default Setting] in the main interface to enter [Restore Default Settings]. Please press [Restore] to restore default, to clear all settings and restart the equipment automatically (as shown in the following ficture).

Restore Default Settings



Step 2: enter the informatoin prompt interface to finish clear setting and restart the system, please wait (as shown in the following picture).

Note Information



Step 3: back to the main interface after starting up, please press [reload (F5)] Conduct other settings.

11. System Authority

Set system authority

System Authority

New username:	
New password:	
Confirmed password:	

Submit Reset

Column	Introduction
New username	Input the new user's data Input digits or string.
New password	Input new password Input digits or string.
Confirmed password	Input and confirm password Input digits or string.
Submit [key]	Execute storage and change setting.
Reset [key]	Clear input data.

Press [submit] to finish storage setting after changing the data to be adjusted, and select the main menu's [SaveChange], to execute storage change setting, the system will restart automatically *

12. Save Change

Save Changes provides save changes setting and restart system automatically.

		Save Changes	
1	letwork	Save Changes: Save	
5	SIP Settings		
ι	Jpdate		
5	System Authority		
5	Save Change		
F	Reboot		
	System Authority Save Change Reboot		

Column	Introduction
Save [key]	Execute storage and change setting.

13. Reboot

Reboot System interface provides manual reboot.

Network
SIP Settings
STUN Settings
Update
System Authority
Save Change
Reboot

Reboot System

Reboot system:	Reboot
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Step 1: click [Reboot] in the main interface to enter [Reboot System] and then press [Reboot] to reboot the system (as shown in the following picture).

Reboot System

Rebo	ot system: Reboot	
	Column	Introduction
	Reboot [kev]	Reboot the equipment

Step 2: enter the information prompt interface, showing that the system is rebooting, please wait (as shown in the following picture); do not pull out power supply equipment at random at the moment.

Note Information

Booting Please wait for a moment while rebooting ...

Step 3: back to the main interface after starting up, please press [reload (F5)] to conduct other environment settings.