i31

IP Video Door Phone User Manual

Wall mounted   **In-wall**

Safety Notices

1. Please use the specified power adapter. If you need to use the power adapter provided by other manufacturers under special circumstances, please make sure that the voltage and current provided is in accordance with the requirements of this product, meanwhile, please use the safety certificated products, otherwise may cause fire or get an electric shock.

2. Before using, please confirm that the temperature and environment is humidity suitable for the product to work. (Move the product from air conditioning room to natural temperature, which may cause this product surface or internal components produce condense water vapor, please open power use it after waiting for this product is natural drying).

3. Please do not let non-technical staff to remove or repair. Improper repair may cause electric shock, fire, malfunction, etc. It will lead to injury accident or cause damage to your product.

4. Do not use fingers, pins, wire, other metal objects or foreign body into the vents and gaps. It may cause current through the metal or foreign body, which may even cause electric shock or injury accident. If any foreign body or objection falls into the product please stop using。

5. Please do not discard the packing bags or store in places where children could reach, if children trap his head with it, may cause nose and mouth blocked, and even lead to suffocation。

6. Please use this product with normal usage and operating, in bad posture for a long time to use this product may affect your health.

7. Please read the above safety notices before installing or using this phone. They are crucial for the safe and reliable operation of the device.

Directory

A. Product introduction

I31 is a full digital network door phone，its core part adopt mature VoIP solution(Broadcom chipset), stable and reliable performance, Hands-free adopting digital full-duplex mode, Voice loud and clear, video clear, generous appearance, solid durable, easy for installation, comfortable keypad, low power consumption.

I31 support entrance guard control, Video intercom, keyboard, ID card and remote to open the door, and other functions.

1. Appearance of the product
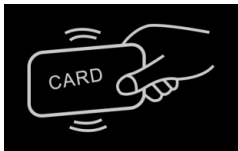
Wall mounted   **In-wall**

2. Description

Buttons and icons	Description	Function
	Numeric keyboard	Input password to open the door or calls.
	programmable keys	Can be set to a variety of functions, in order to meet the needs of different occasions
	induction zone	RFID induction area
	Lock Status	Door unlocking: On Door locking: Off
	Call status	Standby: Off Hold/Blink with 1s Calls: On
	Ring status	Standby: Off Ringing: On
	Network/SIP Registration	Network error: Blink with 1s Network running: Off Registration failed: Blink with 3s Registration succeeded: On

B. Start Using

Before you start to use equipment, please make the following installation:

1. Confirm connected

Confirm whether the equipment of the power cord, network cable, electric lock control line connection, the startup is normal. (Check the network state of light)

1) Power port

Power supply ways: 12v/DC or POE.

CN16		
1	**2**	
+12V	GND	
12V 1A/DC		

2) Electric-lock and indoor switch port

CN6					
1	**2**	**3**	**4**	**5**	
S_IN	S_OUT	NC	COM	NO	
Indoor switch		Electric-lock switch			

3) Driving mode of electric-lock(Default in active mode)
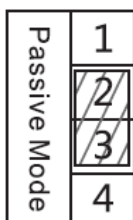
Jumper in passive mode

Jumper in active mode

【Note】When in active mode, device can drive 12V/700mA switch output maximum, to which a standard electric-lock or another compatible electrical appliance can be connected.
- When use the active mode, it is 12V DC in output.
- When use the passive mode, output is short control (normally open mode or normally close mode) .

4) Wiring instructions

- NO: Normally Open Contact.
- COM: Common Contact.
- NC: Normally Close Contact.

Driving Mode		Driving Mode		Jumper port	Connections
Active	Passive	NO	NC		
√		√			
√			√		
	√	√			
	√		√		
	√	√			

2. Quick Setting

   The product Provide a complete function and parameter setting, users may need to have the network and SIP protocol knowledge for understanding the meaning represented by all parameters. In order to let equipment users can quickly enjoy the high quality speech brought by the IP Phone services and low cost advantage, we especially lists the basic and must set options in this section, which let users can real-time started without understanding complex SIP protocols.
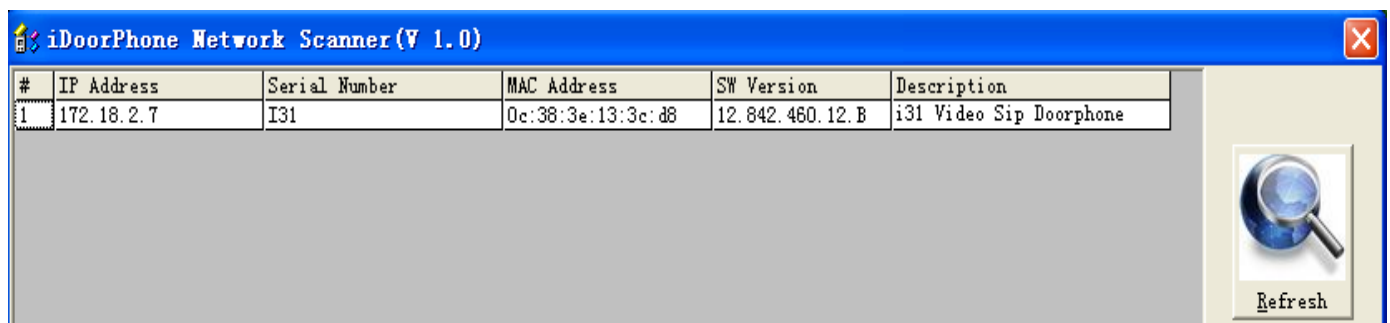
   In prior to this step, please make sure your broadband Internet online can be normal operation, and complete the connection of the network hardware. The product factory default network mode is DHCP. Thus, only connect equipment with DHCP network environment then network can be automatically connected.

➢ Press and hold "#" key for 3 seconds and the door phone will report the IP address by voice, or use the "iDoorPhoneNetworkScanner.exe " software to find the IP address of the device.
   Note: when power on, 30s waiting is needed for device running.
➢ Log on to the WEB device configuration.
➢ In a SIP page configuration service account, user name, parameters that are required for server address register.
➢ You can settings DSS key in the Webpage(functions key settings -> function key).
   You can settings function parameters in the Webpage (Intercom-> feature).

#	IP Address	Serial Number	MAC Address	SW Version	Description
1	172.18.2.7	I31	0c:38:3e:13:3c:d8	12.842.460.12.B	i31 Video Sip Doorphone

iDoorPhone Network Scanner(V 1.0)

Refresh

C. Basic operation

1. Answer a call

When calling come, the device automatically answer, in cancel automatic answer and settings automatic answer time, will hear the bell in the set time, automatic answer after a timeout.

2. Call

Configuration shortcut (key1) as hot key and setup a number, then press shortcut keys can call the configured number.

3. End call

Enable Release key hang up to end call.

4. Call record

The device provides 900 call records, when the storage space is exhausted, will cover the first call records. When the device is powered down or reboot, call records will be removed.
You can view the three call records in the Webpage (Door phone/Door log)

5. Open the door operation

Through the following seven ways to open the door:
1) On the keyboard input password to open the door.
2) Access to call the owner; enter the remote to open the door by the owner password to open the door.
3) Owner/call access control of other equipment and enter the access code to open the door. (access code to be included in the list to access configuration, and enable for remote calls to open the door)
4) Through the RFID Cards to open the door.
5) By means of indoor switch to open the door.
6) Private access code to open the door.
   Enable for local authentication, and set private access code. Under the standby directly input the access code to open the door.
7) Active URL control command to open the door.
URL is "http://host/cgi-bin/ConfigManApp.com?key=F_LOCK&code=openCode", "openCode" is to remote open the door code

Access code input correct prompt sowing sirens prompt access control and the remote user, input error by short low frequency chirp.

Password successfully by high-frequency sirens sound prompt, input error is short by high frequency chirp.
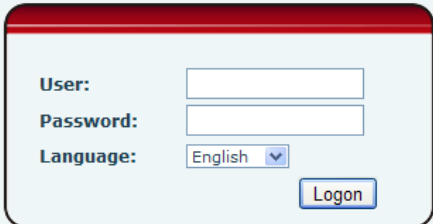
When the door opened by playing sirens sound prompt.

D. Page settings

1. Browser configuration

When the device and your computer successfully connected to the network, the on browsers enter the IP address of the device. You can see the Webpage management interface the login screen.

Enter the user name and password and click [logon] button to enter the settings screen.

After configuring the equipment, remember to click SAVE under the Maintenance tab. If this is not done, the equipment will lose the modifications when it is rebooted.

2. Password Configuration

There are two levels of access: root level and general level. A user with root level access can browse and set all configuration parameters, while a user with general level can set all configuration parameters except server parameters for SIP.

● Default user with general level:
   ◆ Username: guest
   ◆ Password: guest
● Default user with root level:
   ◆ Username: admin
   ◆ Password: admin

3. Configuration via WEB

(1) BASIC

a) STATUS

Status	
Field Name	**Field Name**
Network	Shows the configuration information for WAN port, including connection mode of WAN port (Static, DHCP, PPPoE),MAC address, IP address of WAN port
Accounts	Shows the phone numbers and registration status for the 2 SIP LINES.

b) WIZARD

Wizard	
Field Name	**Explanation**
Select the appropriate network mode. The equipment supports three network modes:	
Static IP mode	The parameters of a Static IP connection must be provided by your ISP.
DHCP mode	In this mode, network parameter information will be obtained automatically from a DHCP server.
PPPoE mode	In this mode, you must enter your ADSL account and password.
Static IP mode is selected; Click <Next> to go to Quick SIP Settings, Click Back to return to the Wizard screen.	
After selecting DHCP and clicking NEXT, the Quick SIP Settings screen will appear. Click Back to return to the Wizard screen. Click <Next> to go to the Summary screen.	
If PPPoE is selected, this screen will appear. Enter the information provided by the ISP. Click <Next> to go to Quick SIP Setting. Click Back to return to the Wizard screen.	

c) LANGUAGE

Set the current language.

d) TIME&DATE

Set the time zone and SNTP (Simple Network Time Protocol) server on this page to automatically obtain time and daylight saving time, manual time and date entry are also done on this page.

Time&Date	
Field Name	**Explanation**
System Current Time	
Display the current time	
Simple Network Time Protocol (SNTP) Settings	
Enable SNTP	Enable or Disable SNTP
Primary Server	IP address of Primary SNTP Server
Time zone	Local Time Zone
Time Format	Configuration time format, the default is 24 hours.
Date Format	Configure date display format, the default is (date) (month) (year)
Date Seperator	Configure the date seperator
Manual Time Settings	
Enter the values for the current year, month, day, hour and minute. All values are required. Be sure to disable SNTP service before entering manual time and date.	

(2) NETWORK

a) WAN

Field Name	Explanation
WAN Status	
Active IP address	The current IP address of the equipment
Current subnet mask	The current Subnet Mask
Current IP gateway	The current Gateway IP address
MAC address	The MAC address of the equipment

Field Name	Explanation
WAN Settings	
Enable Vendor Identifier	Enable or disable Vendor Identifier
Vendor Identifier	Configure display Vendor Identifier
Select the appropriate network mode. The equipment supports three network modes:	
Static	Network parameters must be entered manually and will not change. All parameters are provided by the ISP.
DHCP	Network parameters are provided automatically by a DHCP server.
PPPoE	Account and Password must be input manually. These are provided by your ISP.
If Static IP is chosen, the screen below will appear. Enter values provided by the ISP.	
NOTE: 1) After entering the new settings, click the APPLY button. The equipment will save the new settings and apply them. 2) If a new IP address was entered for the equipment, it must be used to login to the phone after clicking the APPLY button. 3) If the system is starting use DHCP to obtain IP and the network address of the DHCP Server and system of LAN network address is the same, then the system after receive DHCP IP, add the LAN network address the last one plus one, and change the distribution of the LAN DHCP Server IP address; If the system started, And then WAN access DHCP, and the network address of the DHCP server distribution and the same LAN, WAN will be unable to get IP access networks.	
802.1X Settings	
User	802.1X user account
Password	802.1X password
Enable 812.1X	Enable or Disable 812.1X
CA Certificate	Choose the CA Certificate and then click upload to upgrade
Device Certificate	Choose the Device Certificate and then click upload to upgrade

Field Name	Explanation
Service port Settings	
Web Server Type	Specify Web Server Type – HTTP or HTTPS
HTTP Port	Port for web browser access. Default value is 80. To enhance security, change this from the default. Setting this port to 0 will disable HTTP access. Example: The IP address is 192.168.1.70 and the port value is 8090, the accessing address is http://192.168.1.70:8090.
HTTPS Port	Port for HTTPS access. Before using https, an https authentication certification must be downloaded into the equipment. Default value is 443. To enhance security, change this from the default.
Telnet Port	Port for Telnet access. The default is 23.
RTP Port Range Start	Set the beginning value for RTP Ports. Ports are dynamically allocated.
RTP Port Quantity	Set the maximum quantity of RTP Ports. The default is 200.
Note: 1) Any changes made on this page require a reboot to become active. 2) It is suggested that changes to HTTP Port and Telnet ports be values greater than 1024.Values less than 1024 are reserved. 3) If the HTTP port is set to 0, HTTP service will be disabled.	

b) QoS&VLAN

The equipment supports 802.1Q/P protocol and DiffServ configuration. Use of a Virtual LAN (VLAN) allows voice and data traffic to be separated.

➢ Chart 1 shows a network switch with no VLAN. Any broadcast frames will be transmitted to all other ports. For example, and frames broadcast from Port 1 will be sent to Ports 2, 3, and 4.
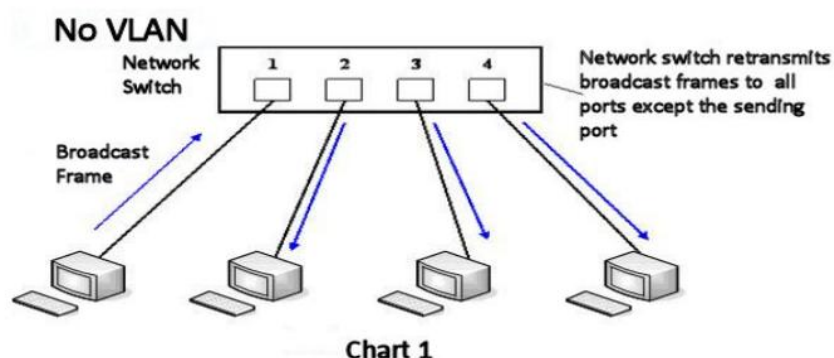
Chart 1

> Chart 2 shows an example with two VLANs indicated by red and blue. In this example, frames broadcast from Port 1 will only go to Port 2 since Ports 3 and 4 are in a different VLAN. VLANs can be used to divide a network by restricting the transmission of broadcast frames.
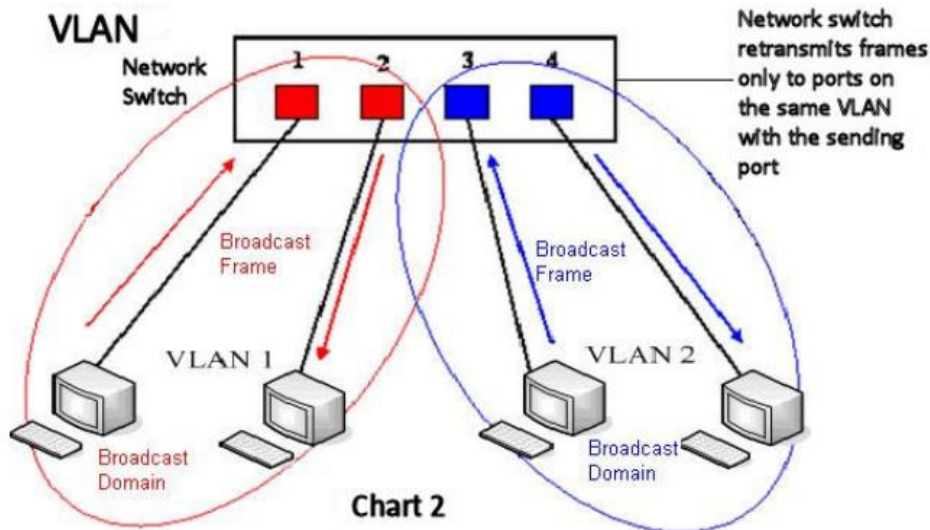
Note: In practice, VLANs are distinguished by the use of VLAN IDs.

QoS&VLAN	
Field Name	**Explanation**
Link Layer Discovery Protocol (LLDP) Settings	
Enable LLDP	Enable or Disable Link Layer Discovery Protocol (LLDP)
Enable Learning Function	Enables the telephone to synchronize its VLAN data with the Network Switch. The telephone will automatically synchronize DSCP, 802.1p, and VLAN ID values even if these values differ from those provided by the LLDP server.
Packet Interval	The time interval for sending LLDP Packets

Field Name	Explanation
Quality of Service (QoS) Settings	
Enable DSCP	Enable or Disable Differentiated Services Code Point (DSCP)
Audio RTP DSCP	Specify the value of the Audio DSCP in decimal
SIP DSCP	Specify the value of the SIP DSCP in decimal
WAN Port VLAN Settings	
Enable WAN Port VLAN	Enable or Disable WAN Port VLAN
WAN Port VLAN ID	Specify the value of the WAN Port VLAN ID. Range is 0-4095
SIP 802.1P Priority	Specify the value of the signal 8021.p priority. Range is 0-7
Audio 802.1P Priority	Specify the value of the voice 802.1p priority. Range is 0-7

c) WEB FILTER

Web filter
The Web filter is used to limit access to the equipment. When the web filter is enabled, only the IP addresses between the start IP and end IP can access the equipment.
Web Filter Table
Webpage access allows display the IP network list.
Web Filter Table Settings
Beginning and Ending IP Address for MMI Filter, Click add this filter range to the Web Filter Table.
Web Filter Setting
Select to enable MMI Filter. Click <apply> Make filter settings effective.
Note: Be sure that the filter range includes the IP address of the configuration computer.

d) SECURITY

Field Name	Explanation
Update Security File	Select the security file to be updated. Click the Update button to update.
Delete Security File	Select the security file to be deleted. Click the Delete button to Delete.
SIP TLS Files	Show SIP TLS authentication certificate.
HTTPS Files	Show HTTPS authentication certificate.

(3) VOIP

a) SIP

SIP	
Field Name	**Explanation**
Basic Settings (Choose the sip line to configured)	
Status	Shows registration status. If the registration is successful will display has been registered, not successful display not registered, the wrong password is displayed 403 errors, account number failure display timeout.
Server Address	SIP server IP address or URI.
Server Port	SIP server port. Default is 5060.
Authentication User	SIP account name (Login ID).
Authentication Password	SIP registration password.
SIP User	Phone number assigned by VoIP service provider. Equipment will not register if there is no phone number configured.
Display Name	Set the display name. This name is shown on Caller ID.
Enable Registration	Check to submit registration information.

Field Name	Explanation
Advanced SIP Settings	
Proxy Server Address	SIP proxy server IP address or URI, (This is normally the same as the SIP Registrar Server)
Proxy Server Port	SIP Proxy server port. Normally 5060.
Proxy User	SIP Proxy server account.
Proxy Password	SIP Proxy server password.
Backup Server Address	Backup SIP Server Address or URI (This server will be used if the primary server is unavailable)
Backup Server Port	Backup SIP Server Port.
Domain Realm	SIP Domain if different than the SIP Registrar Server.
Server Name	Name of SIP Backup server
RTP Encryption	Enable/Disable RTP Encryption.
Enable Session Timer	If enabled, this will refresh the SIP session timer per RFC4028.
Registration Expires	SIP re-registration time. Default is 60 seconds. If the server requests a different time, the phone will change to that value.
Session Timeout	Refresh interval if Session Timer is enabled.
Keep Alive Type	Specifies the NAT keep alive type. If SIP Option is selected, the equipment will send SIP Option sip messages to the server every NAT Keep Alive Period. The server will then respond with 200 OK. If UDP is selected, the equipment will send a UDP message to the server every NAT Keep Alive Period.
Keep Alive Interval	Set the NAT Keep Alive interval. Default is 60 seconds
User Agent	Set SIP User Agent value.
Server Type	Configures phone for unique requirements of selected server.
DTMF Type	DTMF sending mode. There are four modes: ● In-band ● RFC2833 ● SIP_INFO ● AUTO Different VoIP Service providers may require different modes.
Protocol Edition	Select SIP protocol version RFC3261 or RFC2543. Default is RFC3261. Used for servers which only support RFC2543.
Local Port	SIP port. Default is 5060.

Field Name	Explanation
Transport Protocol	Configuration using the transport protocol, TCP, TLS or UDP, the default is UDP.
Enable Rport	Enable/Disable support for NAT traversal via RFC3581 (Rport).
Keep Authentication	Enable /disable registration with authentication. It will use the last authentication field which passed authentication by server. This will decrease the load on the server if enabled
Enable PRACK	Enable or disable SIP PRACK function. Default is OFF. It is suggested this be used.
Ans. With a Single Codec	If enabled phone will respond to incoming calls with only one codec.
Enable Strict Proxy	Enables the use of strict routing. When the phone receives packets from the server it will use the source IP address, not the address in via field.
Auto TCP	Force the use of TCP protocol to guarantee usability of transport for SIP messages above 1500 bytes
Enable DNS SRV	Enables use of DNS SRV records
SIP Global Settings	
Strict Branch	Enable Strict Branch - The value of the branch must be after"z9hG4bK" in the VIA field of the INVITE message received, or the phone will not respond to the INVITE. Note: This will affect all lines
Enable Group	Enable SIP Group Backup. This will affect all lines
Enable RFC4475	Enable or disable RFC4475,default is enable。
Registration Failure Retry Time	Registration failures retry time – If registrations fails, the phone will attempt to register again after registration failure retry time. This will affect all lines
Enable Strict UA Match	Enable or disable Strict UA Match
DND Return Code	Specify SIP Code returned for DND. Default is 480 - Temporarily Not Available.
Reject Return Code	Specify SIP Code returned for Rejected call. Default is 603 – Decline.
Busy Return Code	Specify SIP Code returned for Busy. Default is 486 – Busy Here.

b) STUN

STUN – Simple Traversal of UDP through NAT –A STUN server allows a phone in a private network to know its public IP and port as well as the type of NAT being used. The equipment can then use this information to register itself to a SIP server so that it can make and receive calls while in a private network.

STUN	
Field Name	**Explanation**
STUN NAT Traversal	Shows whether or not STUN NAT Transversal was successful.
Server Address	STUN Server IP address
Server Port	STUN Server Port – Default is 3478.
Binding Period	STUN blinding period – STUN packets are sent at this interval to keep the NAT mapping active.
SIP Waiting Time	Waiting time for SIP. This will vary depending on the network.
Local SIP Port	Port configure the local SIP signaling
SIP Line Using STUN (SIP1 or SIP2)	
Use STUN	Enable/Disable STUN on the selected line.
Note: the SIP STUN is used to achieve the SIP penetration of NAT, is the realization of a service, when the equipment configuration of the STUN server IP and port (usually the default is 3478), and select the Use Stun SIP server, the use of NAT equipment to achieve penetration.	

(4) INTERCOM

a) FUNCTION KEY

1-4 programmable key in phone software (depend on hardware), you can configure different feature on each key. You can ref to below indications for each feature. default is NA, means without any feature settings.

➢ Key Event Settings

Set the key type to the Key Event.
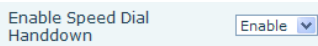
DSS key type	Subtype	Usage
Key Event	None	Not responding
	Dial	Dial function
	Release	End calls
	OK	Identify key
	Handfree	The hand-free key(with hook dial, hang up)

➢ Hot key Settings

Enter the phone number in the input box, when you press the shortcut key, equipment will dial set telephone number. This button can also be used to set the IP address, press the shortcut key IP direct dial call.

DSS key type	Number	Line	Subtype	Usage
Hot Key	Fill the called party's SIP account or address	The SIP account corresponding lines	Speed Dial	In Speed dial mode, with can define whether this call is allowed to be hang up by re-press the speed dial
			Intercom	In Intercom mode, if the caller's IP phone support intercom feature, can realize auto answer

➢ **Multicast Settings**

Multicast function is launched will voice messages sent to set the multicast address, all equipment to monitor the group multicast address can receive sponsors speech information, etc. Using multicast functionality can be simple and convenient to send notice to each member in the multicast.

Through the DSS Key configuration multicast calling WEB is as follows:

DSS key type	Number	Subtype	Usage
Multicast	Set the host IP address and port number, the middle separated by a colon	G.711A	Narrowband speech coding (4Khz)
		G.711U	
		G.722	Wideband speech coding (7Khz)
		G.723.1	Narrowband speech coding (4Khz)
		G.726-32	
		G.729AB	

◇ operation mechanism

　　Device through the DSS Key configuration of multicast address and port and started coding; set by WEB to monitor the multicast address and port; device sends a multicast, listens to the address of the device can receive the multicast content.

◇ calling configuration

　　The call is already exists, and three party or initiated multicast communication, so it will not be able to launch a new multicast call.

b) MEDIA

　　This page configures audio parameters such as voice codec, speak volume, mic volume and ringer volume.

Field Name	Explanation
Audio Settings	
First Codec	The first codec choice: G.711A/U, G.722, G.723.1, G.726-32, G.729AB
Second Codec	The second codec choice: G.711A/U, G.722, G.723.1, G.726-32, G.729AB, None
Third Codec	The third codec choice: G.711A/U, G.722, G.723.1, G.726-32, G.729AB, None
Fourth Codec	The forth codec choice: G.711A/U, G.722, G.723.1, G.726-32, G.729AB, None

Field Name	Explanation
DTMF Payload Type	The RTP Payload type that indicates DTMF. Default is 101
AMR Payload Type	Set the AMR Payload type，Numerical based on between 96-127.
ILBC Payload Type	Set the ILBC Payload type，Numerical based on between 96-127.
ILBC Payload length	Set the ILBC payload length.
G.723.1 Bit Rate	Choices are 5.3kb/s or 6.3kb/s.
G.729AB Payload Length	G.729AB Payload Length – Adjusts from 10 – 60 mSec.
SPK Output Volume	Set the speaker calls the volume level.
Broadcast Output Volume	Set the broadcast the output volume level.
Signal Tone Volume	Set the audio signal the output volume level.
Enable VAD	Enable or disable Voice Activity Detection (VAD). If VAD is enabled, G729 Payload length cannot be set greater than 20 mSec.
Video Settings	
Video Codec	Set the video codec used in video call (H.263，H.264)
H.264 Payload Type	Set the H.264 Payload type，Numerical based on between 96-127.
Video Bit Rate	Set the bandwidth of video call
Video Frame Rate	Set the video frame rate
Video Resolution	Set the video resolution, QCIF(176*144), CIF(352*288), VGA(640*480), 4CIF(704*576), 720P(1280x720). Note: 720P only on the four nuclear phone support, And need to choose above 2M of the bandwidth.
Display Mosaic Frames	Enable or Disable display mosaic

Field Name	Explanation
RTP Control Protocol(RTCP) Settings	
CNAME user	Set CNAME user
CNAME host	Set CNAME host
Sound Update	
Choose the ring tone files and then click update to apply	
Sound Delete	
Delete the ring tone file	
Sound Settings	
Set the ring tong files format is .mp3 and .wav	

c) DND

Field Name	Explanation
DND Methods Settings	
DND option	Set the DND option, default is phone.
DND Line Settings	
SIP1	Enable or Disable sip1 DND
SIP2	Enable or Disable sip2 DND
DND Global Settings	
Enable DND Timer	Enable or disable DND timer
DND Timer	Set the DND time
Enable White List DND	Enable or disable white list DND

d) FEATURE

Feature	
Field Name	**Explanation**
Feature Settings	
Ban Outgoing	If enabled, no outgoing calls can be made.
Speed Dial Action	Default is Speed Dial Hand-down function
Enable Telnet	Enable or disable Telnet
Select your Tone	Standard configuration signal sound.
Enable Intercom Mute	If enabled, mutes incoming calls during an intercom call.
Enable Intercom Tone	If enabled, plays intercom ring tone to alert to an intercom call.
Default Ans Mode	Set answer mode, default is video .
Default Dial Mode	Set dial mode, default is video.
Enable Auto Answer	Enable or disable auto answer.
Enable Auto Answer	Enable or disable auto answer.
Call Switched Time	Set the call switched time.
Auto Answer Timeout	Set the auto answer time
Dial Fixed Length	The number will be sent to the server after the specified numbers of digits are dialed.
Description	device IP description

e) MCAST

Using multicast functionality can be simple and convenient to send notice to each member of the multicast, through setting the multicast key on the device, sending multicast RTP stream to pre-configured multicast address. By on the device configuration monitoring multicast address, listen to and play the group multicast address send RTP stream.

MCAST Settings

Equipment can be set up to monitor up to 10 different multicast address, used to receive the multicast address send multicast RTP stream.

In the Web interface setting change equipment receiving multicast RTP stream processing mode are: set the ordinary priority and enable page priority.

● Priority:

In the drop-down box to choose priority of ordinary calls the priority, if the priority of the incoming flows of multicast RTP, lower precedence than the current common calls, device will automatically ignore the group RTP flow. If the priority of the incoming flow of multicast RTP is higher than the current common calls priority, device will automatically receive the group RTP stream, and keep the current common calls in state. You can also choose to disable in the receiving threshold drop-down box, the device will automatically ignore all local network multicast RTP stream.

● The options are as follows:

  ✧ 1-10: The definition of common call priority, 1 is the most advanced, most low 10
  ✧ Disable: ignore all incoming stream multicast RTP
  ✧ Enable the page priority:

Page determines the priority equipment current in multicast session, how to deal with the new receiving multicast RTP stream, enabling the Page switch priority, the device will automatically ignore the low priority of multicast RTP stream, receive priority multicast RTP stream, and keep the current multicast session in state; If is not enabled, the device will automatically ignores all receive multicast RTP stream.

● Web Settings:

MCAST Settings

Priority	1	
Enable Page Priority	☑	

Index/Priority	Name	Host:port
1	ss	239.1.1.1:1366
2	ee	239.1.1.1:1367

The multicast SS priority is higher than that of EE, the highest priority.

Note: when a multicast session key by multicast, multicast sender and receiver will beep.

Listener configuration

MCAST Settings

Priority	3	
Enable Page Priority	☑	

Index/Priority	Name	Host:port
1	group 1	224.0.0.2:2366
2	group 2	224.0.0.2:1366
3	group 3	224.0.0.6:3366
4		
5		
6		
7		
8		
9		
10		

● **Blue part (name)**

The "group of 1" and "2" and "3" are you setting monitoring multicast name, answer time is displayed on the screen, if you do not set the screen will display the IP: port directly.

● **Purple part (host: port)**

Is a set of addresses and ports to listen, separated by a colon.

● **Pink part (index / priority)**

Multicast is a sign of listening, but also the monitoring multicast priority, the smaller the number of higher priority.

● **Red part (priority)**

Is the general call, non multicast call priority, the smaller the number of high priority, the following will explain how to use this option:

✧ The purpose of setting monitoring multicast "group 1" or "2" or "3" launched a multicast call.

✧ All equipment has one or more common non multicast communication.

✧ When you set the Priority for the disable, multicast any level will not answer, multicast call is rejected.

✧ when you set the Priority to a value, only higher than the priority of multicast can come in, if you set the Priority is 3, group 2 and group 3 for priority level equal to 3 and less than 3 were rejected, 1 priority is 2 higher than ordinary call priority device can answer the multicast message at the same time, keep the hold the other call.

● **Green part (Enable Page priority)**

Set whether to open more priority is the priority of multicast, multicast is pink part number. Explain how to use:

✧ The purpose of setting monitoring multicast "group 1" or "3" set up listening "group of 1" or "3" multicast address multicast call.

✧ All equipment has been a path or multi-path multicast phone, such as listening to "multicast information group 2".

✧ If multicast is a new "group of 1", because "the priority group 1" is 2, higher than the current call "priority group 2" 3, so multicast call will can come in.

✧ If multicast is a new "group of 3", because "the priority group 3" is 4, lower than the current call "priority group 2" 3, "1" will listen to the equipment and maintain the "group of 2".

Multicast service

● **Send:** when configured ok, our key press shell on the corresponding equipment, equipment directly into the Talking interface, the premise is to ensure no current multicast call and 3-way of the case, the multicast can be established.

● **Lmonitor:** IP port and priority configuration monitoring device, when the call is initiated and incoming multicast, directly into the Talking interface equipment

f) Action URL

Action URL Settings
URL for various actions performed by the phone. These actions are recorded and sent as xml files to the server. Sample format is http://InternalServer /FileName.xml

(5) SAFEGUARDING (Only fully functional version support this feature)

Tamper Alarm Settings

☐ Tamper Alarm

Alarm command
Tamper_Alarm

Reset command
Tamper_Reset

[Reset]

Server & Trigger Ring Type Settings

Server Address

Input 1 Trigger Ring [User 1 ▾]

Input 2 Trigger Ring [User 2 ▾]

Remote DTMF Trigger Ring [Enable ▾]

Remote SMS Trigger Ring [default ▾]

Tamper Alarm Ring [default ▾]

Alarm Ring Duration [5] （1~600）s

[Apply]

Security Settings	
Field Name	**Explanation**
Input settings	
Input 1	Open / Close Input port1
Trigger Mode	When choosing the low level trigger (closed trigger), detect the input port 1 (low level) closed trigger.
	When choosing the high level trigger (disconnected trigger), detect the input port 1 (high level) disconnected trigger.
Response Mode	Open /Close Input port1 the Remote Response
Input 2	Open /Close Input port2
Trigger Mode	When choosing the low level trigger (closed trigger), detect the input port 2 (low level) closed trigger.
	When choosing the high level trigger (disconnected trigger), detect the input port 2 (high level) disconnected trigger.
Response Mode	Open /Close Input port2 the Remote Response
Output Settings	
Output 1/2	Open/close, Output 1/Output 2
Output Level	When choosing the low level trigger (NO: normally open), when meet the trigger condition, trigger the NO port disconnected.
	When choosing the high level trigger (NO: normally close), when meet the trigger condition, trigger the NO port close.
Output Duration	Changes in port, the duration of. The default is 5 seconds.
Output Trigger Mode: There are many kinds of trigger modes, multiple choices.	
Input port1 trigger	When the input port1 meet to trigger condition, the output port1 will trigger(The Port level time change, By < Output Duration > control)
Input port2 trigger	When the input port2 meet to trigger condition, the output port2 will trigger(The Port level time change, By < Output Duration > control)

Field Name	Explanation	
Remote DTMF trigger	By duration	Received the terminal equipment to send the DTMF password, if correct, which triggers the corresponding output port (The Port level time change, By < Output Duration > control)
	By Calling State	During the call, receive the terminal equipment to send the DTMF password, if correct, which triggers the corresponding output port (The Port level time change, (By call state control, after the end of the call, port to return the default state)
Remote SMS trigger	In the remote device or server to send instructions to ALERT=[instructions], if correct, which triggers the corresponding output port	
Call state trigger	When the emergency call button to trigger the equipment shell, which triggers the corresponding output port(after the end of the call, port to return the default state)	
Emergency key trigger	When the emergency call button to trigger the equipment shell, which triggers the corresponding output port(after the end of the call, port to return the default state)	
Tamper Alarm Settings		
Tamper Alarm	When the selection is enabled, the tamper detection enabled	
Alarm command	When detected someone tampering the equipment, will be sent alarm to the corresponding server	
Reset command	When the equipment receives the command of reset from server, the equipment will stop alarm	
Reset	Directly stop the alarm from equipment in the Webpage	
Server & Trigger Ring Type Settings		
Server Address	Configure remote response server address(including remote response server address and tamper alarm server address)	
Input 1 trigger ring	When the input port 1 triggering condition is satisfied, the corresponding ring tone or alarm	
Input 2 trigger ring	When the input port 2 triggering condition is satisfied, the corresponding ring tone or alarm	
Remote DTMF trigger ring	When received the remote DTMF command, whether to output the ringtone	
Remote SMS trigger ring	When receiving the remote SMS instructions, whether to output the ringtone	
Tamper alarm ring	When the detected someone tampering the equipment, plays the corresponding ringtone or alarm	
Alarm ring duration	duration of alarm ring(not including tamper alarm)	

(6) DOOR PHONE

a) DOOR PHONE

Field Name	Explanation	Initial Value
EGS Settings		
Switch Mode	Monostable: there is only one fixed action status for door unlocking. Bistable: there are two actions and statuses, door unlocking and door locking. Each action might be triggered and changed to the other status. After changed, the status would be kept.	monostable
Keypad Mode	Only password: password input only, dialing would be forbidden. Password+dialing: password input is default. Dialing mode is as below if you want. ● key for off hook to dialing mode, # key for hang up. Time out or length match for number sending when dialing mode. * Key to enter the dial, the # key to hang up.	Password+dialing
Switch-On Duration	Door unlocking time for Monostable mode only. If the time is up, the door would be locked automatically.	5 seconds
Talk Duration	The call will be ended automatically when time up.	120 seconds
Remote Password	Remote door unlocking password.	*
Local Password	Local door unlocking password via keypad, the default password length is 4.	6789
Description	Device description displayed on IP scanning tool software.	i31 Video Sip Door phone

Field Name	Explanation	Initial Value
Enable Access Table	Enable Access Table: enter <Access Code> for opening door during calls. Disable Access Table: enter <Remote Password> for opening door during calls.	Enable
Hot Key Dialed Mode Selection	<Primary /Secondary>mode allow system to call primary extension first, if there were no answer, it would cancel the call and then call secondary extension automatically. <Day/Night>mode allow system to check the calling time is belong to Day or Night time, and then decide to call the number 1 or number 2 automatically. Users just press speed dial key once.	Primary /secondary
Call Switched Time	The period between hot key dialing to the first and second number.	16 seconds
Day Start Time	The start time of the Day When you select<Day/Night>mode	06:00
Day End Time	The end time of the day When you select <Day/Night>mode	18:00
Address of Log Server	Log server address(IP or domain name)	0.0.0.0
Port of Log Server	Log server port(0-65535)	514
Enable Log Server	Enable or disable to connect with log server	Disable
Enable Indoor Open	Enable or disable to use indoor switch to unlock the door.	Enable
Enable Card Reader	Enable or disable card reader for RFID cards.	Enable
Limit Talk Duration	If enabled, calls would be forced ended after talking time is up.	Enable
Door Unlock Indication	Indication tone for door unlocked. There are 3 type of tone: silent/short beeps/long beeps.	Long beeps
Remote Access Code Check Length	The remote access code length would be restricted with it. If the input access code length is matched with it, system would check it immediately.	4

b) DOOR CARD

Door Card	
Field Name	**Explanation**
Door Card Table	
Index	The serial number of has been issuer cards.
Name	The name of has been issuer cards.
ID	The card number of has been issuer cards. (Note: The card is not registered in the remote access list is unable to open the door.)
Issuing Date	The issuing date of has been issuer cards.
Card State	To have been issuer cards the state.
Delete	Click <delete>, will delete the door card list within the selected ID cards.
Delete All	Click <Delete All>, to delete all door card lists.
Export door card table	Right Click here to Save Door Card Table Right-click it and select save target to your computer.
Add Door Card（If you don't add rules, that will be just the temporary card）	
The input RFID card numbers the top 10, for example, 0004111806, click <add>.	
Import Door Card Table	
Click the <Browse> to choose to import door card list file (doorCard.csv), click <Update> can be batch import.	
Card Reader Setting	
Set ID card stats: Normal: This is the work mode, after the slot card can to open the door. Card Issuing: This is the issuing mode, after the slot card can to add ID cards. Card Revoking: This is the revoking mode, after the slot card can to delete ID cards.	

Administrator Table
The show admin card the ID, Date and Type.
Add Administrator
ID: admin card the card number.
Type: Issuer and Revoking.
Entrance guard in normal state, brush card(issuing card) entrance guard into the issuing state, and then brush to add a card, the card is added to the database, add swipe again after card(issuing card) entrance guard returned to normal. Delete card operation and issuing card the same.
Can release at most 10 cards, 2000 copies of ordinary cards.
Note: in the issuing state to delete brush card is invalid, and vice versa.
Delete Administrator
Choose to delete the card number, then press <delete>.

c) DOOR ACCESS

Field Name	Explanation
Access Table	
According to entrance guard access rules have been added, can choose single or multiple rules on this list to delete operation.	
Add Access Rule	
You can add new access rules, or select an existing project within the list to modify	
Name(necessary)	User name
Department	Card holder's department
Position	Card holder's position
ID	RFID card number
Time Profile	Valid for user access rules (including RFID, access code, etc) within corresponding time section. If NONE is selected, it would be taken effect all day.
Access Type	Host: the door phone would answer all call automatically. Guest: the door phone would be ringing for incoming call, if the auto answer had been disabled.
Access Code	1/ When the door phone has been answering the call from below <Phone Num> user, then the <Phone Num> user can input the access code by keypad to unlock the door remotely. 2/ The user's private password for local door unlocking by door phone's keypad.
Double Authentication	When enabled, private password inputting and RFID reading must be matched simultaneously for door unlocking.
Location	Virtual extension number, used to make position call instead of real number. It might be taken with unit number, or room number.
Phone Num	User Phone Number
Import Access Table	
Click the <Browse> to choose to import remote access list file (access List.csv) and then click <Update> can be batch import remote access rule.	
Time profile sections	There are 4 sections for time profile configuration
Profile Name	The name of profile to help administrator to remember the time definition
Active	If it were yes, the time profile would be taken effect. Other time section not included in the profiles would not allow users to open door
From	The start time of section
To	The end time of section

d) DOOR LOG

According to open event log, can record up to two hundred thousand open event, after more than cover the old records. Right Click here to Save Logs Right click on the links to select save target as the door log can export CSV format.

Field Name	Explanation
Door Opening Log	
Result	Show the results of door opening
Door Opening Time	Open the door of time.
Duration	Duration of open the door.
Access Name	If is the open the door for slot card or remote, will display remote access the name.
Access ID	1. If open the door way to brush card shows card number 2. If the door way to open the door for the remote display the phone number of the door. 3. If open the door way to open the door for local, no display information.
Type	Open type： 1 local; 2 remote; 3 valid ; 4 invalid。
Export CallLogs List	
Right Click here to Save CallLogs, Right-click it and select save target to your computer.	

(7) MAINTENANCE

a) AUTO PROVISION

The equipment supports PnP, DHCP, and Phone Flash to obtain configuration parameters. They will be queried in the following order when the equipment boots.

DHCP option → PnP server →Phone Flash

Field Name	Explanation
Auto Provision Settings	
Current Config Version	Show the current config file's version. If the version of configuration downloaded is higher than this, the configuration will be upgraded. If the endpoints confirm the configuration by the Digest method, the configuration will not be upgraded unless it differs from the current configuration
Common Config Version	Show the common config file's version. If the configuration downloaded and this configuration is the same, the auto provision will stop. If the endpoints confirm the configuration by the Digest method, the configuration will not be upgraded unless it differs from the current configuration.
CPE Serial Number	Serial number of the equipment
User	Username for configuration server. Used for FTP/HTTP/HTTPS. If this is blank the phone will use anonymous
Password	Password for configuration server. Used for FTP/HTTP/HTTPS.
Config Encryption Key	Encryption key for the configuration file

Field Name	Explanation
Common Config Encryption Key	Encryption key for common configuration file
Download Fail Check Times	Download failed and check times
Save Auto Provision Information	Save the auto provision username and password in the phone until the server url changes
Download CommonConfig enabled	Enable or disable download commonconfig
Download DeviceConfig enabled	Enable or disable download deviceconfig
DHCP Option Settings	
DHCP Option Setting	The equipment supports configuration from Option 43, Option 66, or a Custom DHCP option. It may also be disabled.
Custom DHCP Option	Custom option number. Must be from 128 to 254.
Plug and Play(PnP)Settings	
Enable PnP	If this is enabled, the equipment will send SIP SUBSCRIBE messages to a multicast address when it boots up. Any SIP server understanding that message will reply with a SIP NOTIFY message containing the Auto Provisioning Server URL where the phones can request their configuration.
PnP server	PnP Server Address
PnP port	PnP Server Port
PnP Transport	PnP Transfer protocol – UDP or TCP
PnP Interval	Interval time for querying PnP server. Default is 1 hour.
Phone Flash Settings	
Server Address	Set FTP/TFTP/HTTP server IP address for auto update. The address can be an IP address or Domain name with subdirectory.
Config File Name	Specify configuration file name. The equipment will use its MAC ID as the config file name if this is blank.
Protocol Type	Specify the Protocol type FTP, TFTP or HTTP.
Update Interval	Specify the update interval time. Default is 1 hour.

Field Name	Explanation
Update Mode	1. Disable – no update 2. Update after reboot – update only after reboot. 3. Update at time interval – update at periodic update interval
TR069 Settings	
Enable TR069	Enable/Disable TR069 configuration
Enable TR069 Warning Tone	Enable or disable TR069 Warning Tone
ACS Server Type	Select Common or CTC ACS Server Type.
ACS Server URL	ACS Server URL.
ACS User	User name for ACS.
ACS Password	ACS Password.
TR069 Auto Login	Enable/Disable TR069 Auto Login.

b) SYSLOG

Syslog is a protocol used to record log messages using a client/server mechanism. The Syslog server receives the messages from clients, and classifies them based on priority and type. Then these messages will be written into a log by rules which the administrator has configured.

There are 8 levels of debug information.

Level 0: emergency; System is unusable. This is the highest debug info level.

Level 1: alert; Action must be taken immediately.

Level 2: critical; System is probably working incorrectly.

Level 3: error; System may not work correctly.

Level 4: warning; System may work correctly but needs attention.

Level 5: notice; It is the normal but significant condition.

Level 6: Informational; It is the normal daily messages.

Level 7: debug; Debug messages normally used by system designer. This level can only be displayed via telnet.

Field Name	Explanation
System log settings	
Server Address	System log server IP address.
Server port	System log server port.
MGR log level	Set the level of MGR log.
SIP log level	Set the level of SIP log.
Enable syslog	Enable or disable system log.
Web Capture	
Start	Capture a packet stream from the equipment. This is normally used to troubleshoot problems.
Stop	Stop capturing the packet stream

c) CONFIG

Field Name	Explanation
Save Configuration	Save the current equipment configuration. Clicking this saves all configuration changes and makes them effective immediately.
Backup Configuration	Save the equipment configuration to a txt or xml file. Please note to Right click on the choice and then choose "Save Link As."
Reset Content	Click the "clear" button can reset phone records and photos.
Reset Configuration	To reset the system and Automatic restart the equipment.

d) UPDATE

This page allows uploading configuration files to the equipment.

Field Name	Explanation
Web Update	Browse to the config file, and press Update to load it to the equipment. Various types of files can be loaded here including firmware, ring tones, local phonebook and config files in either text or xml format.

e) ACCESS

Through this page, the user can accord need to add and remove users, can modify existing user permissions.

Field Name	Explanation
User Settings	
User	shows the current user name
User level	Show the user level; admin user can modify the configuration. General user can only read the configuration.
Add User	
User	Set User Account name
Password	Set the password
Confirm	Confirm the password
User level	There are two levels. Root user can modify the configuration. General user can only read the configuration.
User Management	
Select the account and click Modify to modify the selected account. Click Delete to delete the selected account. A General user can only add another General user.	

f) REBOOT

Some configuration modifications require a reboot to become effective. Clicking the Reboot button will cause the equipment to reboot immediately.

Note: Be sure to save the configuration before rebooting.

(8) LOGOUT
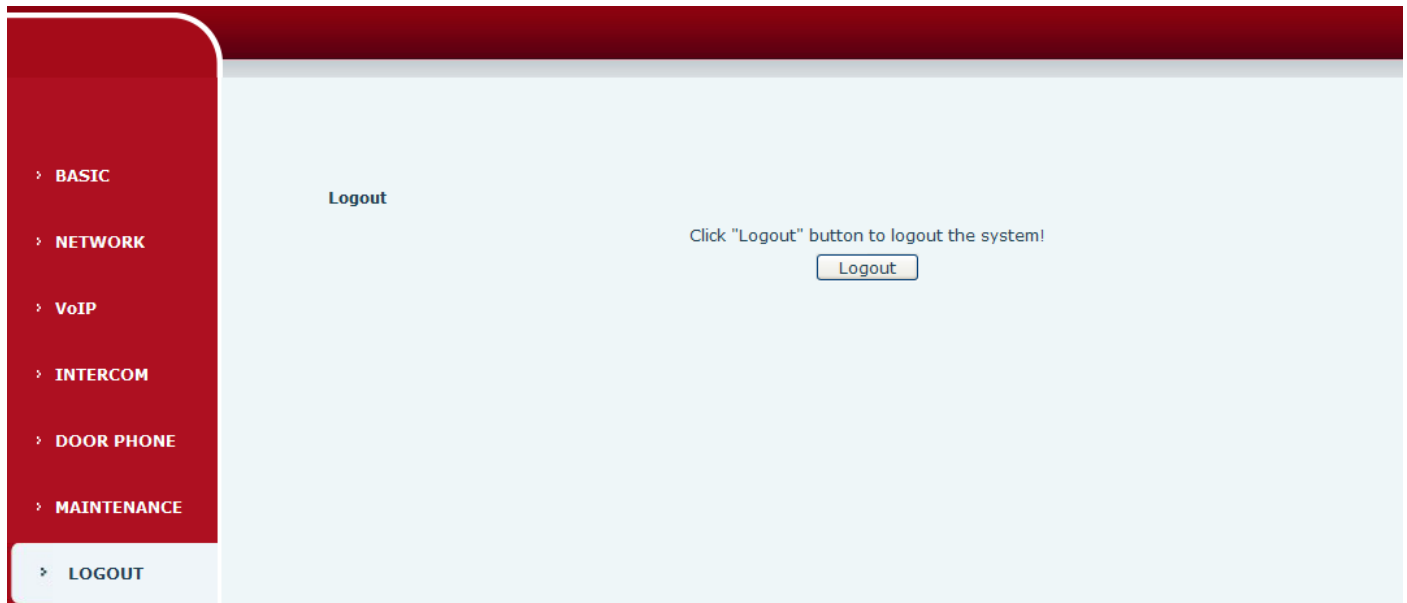
Click <Logout> from the web, visit next time when need to enter your user name and password.

E. Appendix

1. Technical parameters

Communication protocol		SIP 2.0(RFC-3261)
Main chipset		Freescale i.MX 6Quad
Key	DSS key materials	Stainless steel
	DSS Key	1 or 2
	Numeric keyboard	Support
Audio	Audio amplifier	3W
	Volume control	Adjustable
	Full duplex speakerphone	Support (AEC)
	DTMF TYPE	In-band, Out-of-band(RFC 2833), SIP INFO
	wideband speech code	G.722
	Narrowband speech code	G711A/u, G.723.1, G.729AB, ILBC, AMR
Video	Scope of broadband	64kbps~4Mbps
	Video Framerate	10~30fps
	resolution	CIF, QCIF, VGA, 4CIF, 720P(HD)
	Video Codec	H.263, H.264
Port	Passive switch(relay)	Normally open/Normally close, support 30V/1A AC/DC.
	Active Switched Output	12V/700mA DC
	External speakers	Audio output (only support to fully functional version)
	WAN	10/100BASE-TX s Auto-MDIX, RJ-45
RFID/IC card reader(relay)		EM4100 (125Khz)
		MIFARE One(13.56Mhz)
		NFC
Power supply mode		12V / 1A DC or PoE
Cables		CAT5 or better
Shell Material		Cast aluminium panel, Cast aluminium back shell
Working temperature		-40°C to 70°C
Working humidity		10% - 95%
Storage temperature		-40°C to 70°C
Installation way		Wall mounted or In-wall
Dimension		Wall mounted: 223*130*74mm
		In-wall: 270*150*61mm

2. Basic functions

- 2 SIP Lines
- PoE Enabled
- Full-duplex speakerphone (HF)
- Numeric keypad (Dial pad or Password input)
- Intelligent DSS Keys (Speed Dial/intercom etc)
- Wall mounted / In-wall
- Special integrated noise reduction module
- Dual microphone Omnidirectional voice pickup
- Integrated RFID Card reader
- 1 indoor switch interface
- 1 electric lock relay
- Anti-tamper switch
- External power supply
- Door phone: call, password, RFID card, indoor switch
- Protection level: IP65, IK10, CE/FCC

3. Schematic diagram

Infrared light

Camera

Housing

Speaker

Numeric keypad
(password and dialing)

Lock status

Call status

Ring status

Network and registration status

RFID area

DSS key with LED

MICs
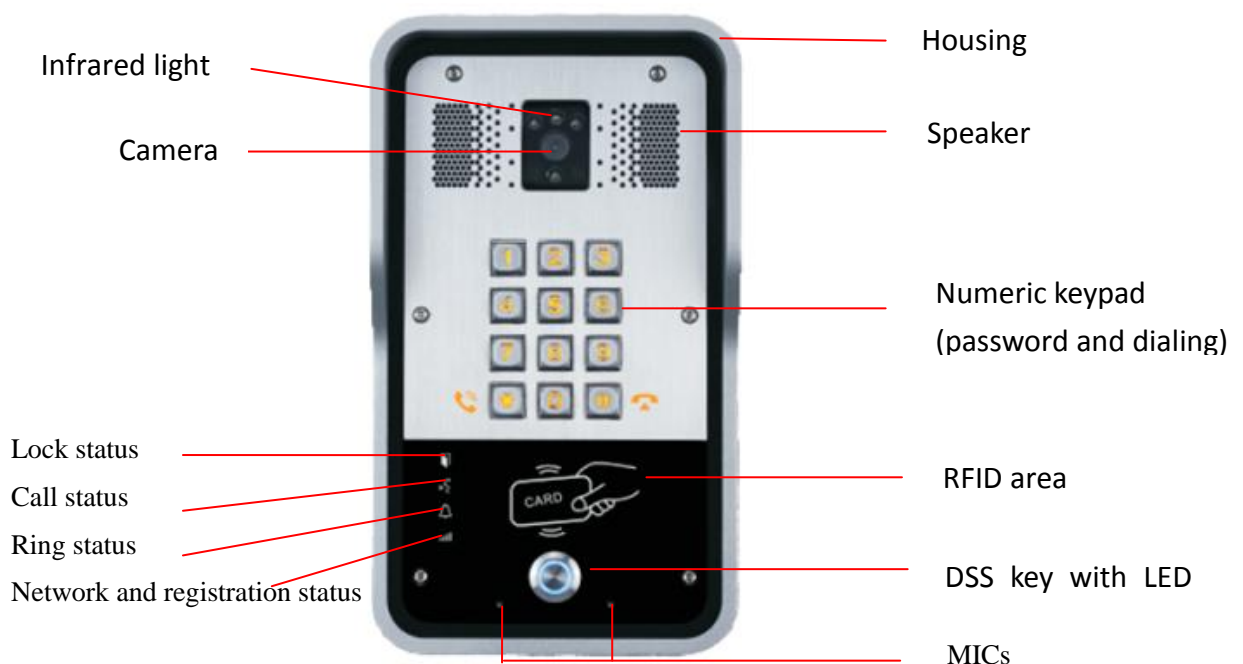
F. Other instructions

1. Open door modes

- **Local**
  1) **Local Password**
  ✧ Set <Local Password> (the default is "6789") via DOOR PHONE\DOOR PHONE as above.
  ✧ Use the device's keypad to input password and "#" key, then the door will be unlocked.
  2) **Private access code**
  ✧ Set <Add Access Rule\Access Code> and enable local authentication.
  ✧ Use the device's keypad to input access code and "#" key, then the door will be unlocked.

- **Remote**
  1) **Visitors call to owner**
  ✧ Visitors call to owner via position speed dial or phone number. (When set the speed dial key, can press it to call direct.)
  ✧ The owner answers the call, with pressing the "*" key to unlock the door for visitors.
  2) **Owner calls to visitors**
  ✧ Owner calls to visitors via SIP phone.
  ✧ SIP door phone answers the call automatically.
  ✧ Owner use keypad to input corresponding <Access codes> to unlock the door.

- **Slot cards**
  ✧ Use pre assigned RFID cards to unlock the door, by touching RFID area of device.

- **Indoor switch**
  ✧ Press indoor switch, which is installed and connected with device, to unlock the door.

Day Start Time	06:00 (00:00-23:59)	Day End Time	18:00 (00:00-23:59)
Address of Log Server	0.0.0.0	Port of Log Server	514
Enable Log Server	Disable	Enable Indoor Open	Enable (Disable / Enable)
Enable Card Reader	Enable	Limit Talk Duration	
Door Unlock Indication	Long beeps	Remote Access Code Check Length	4 (1~6)
		Apply	

2. Management of card

● Add Administrator

There are 2 types of Administrator cards: issuer used for adding cards, revocation used for deleting cards.

1) Add<Issuer admin card >

Input a card's ID, selected <Issuer> in the types and Clicked <Add>, you can add Issuer admin card.

Add Administrator>>		
ID	0003476384	Add
Type	Issuer ▾	

2) Add<Revocation admin card>

Input a card's ID, selected <Revocation> in the types and Clicked <Add>, you can add Revocation admin card.

Add Administrator>>		
ID	0003408919	Add
Type	Revocation ▾	

3) Administrator Table

Administrator Table>>		
ID	Date	Type
0003476384	JAN 01 02:09:04	Issuer
0003408919	JAN 01 02:09:29	Revocation

● Delete Administrator

Select the admin card of need to delete, click <Delete>.

Delete Administrator>>	
0006892245 ▾	Delete

● Add user cards

Method 1: used to add cards for starters typically

1) In web page < Door card\Card Reader Setting> option, select <Card Issuing> function.

Card Reader Setting>>		
State	Card Issuing ▾	Apply
	Normal	
	Card Issuing	
	Card Revoking	
Administrator Table>>		

2) Click <Apply>, Card Reader would be entered the issuing status.

Submit Success

Return

3) Use new card to touch card reader induction area, and then you might hear the confirmed indication tone from the device. Repeat step 3 to add more cards.

4) In web page <Door card\card reader Settings > option, select <normal> function.

Card Reader Setting>>

State	Normal ▾		Apply
	Normal		
	Card Issuing		
	Card Revoking		

Administrator Table>>

5) Click <Apply>, Card Reader would be back to the Normal status.

6) The issuing records can be found from the door card table list.

Door Card Table

Total: 3   Page: 1 ▾ [Pre] [Next] [Delete] ❗ [Delete All]   Right Click here to Save Door Card Table

Index	Name	ID	☐	Issuing Date	Card State
1	zhangsan	0004770424	☐	JAN 01 02:10:30	Enable ▾
2	joe	0003477117	☐	JAN 01 02:10:44	Enable ▾
3		0003408920	☐	JAN 01 02:10:58	Enable ▾

[Apply]
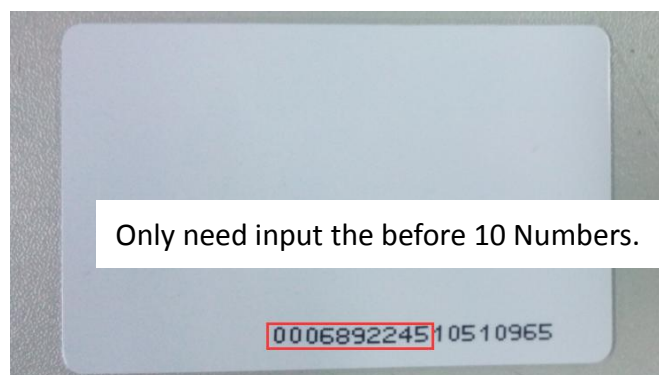
Methods 2: use to add few cards

1) Input cards number in door card settings page, and then click <Add>.

Add Door Card

| ID | [   ] | | [Add] |

Note: you can also use the USB card reader connected with PC to get cards ID automatically.

Only need input the before 10 Numbers.

0006892245 10510965

Method 3: used to add cards for professionals

1) Use <Issuer admin card> to touch card reader induction area, and it would be entered issuing card status.

2) Use new card to touch card reader induction area, and you might hear the confirmed indication tone from the device. Repeat step 2 to add more cards.

3) Use <Issuer admin card> to touch card reader induction area again, it would be back to normal working status.

● **Delete user cards**

Method 1: used to batch delete cards for starters.

1) In web page <Door card →Card Reader Setting> option, select <Card revoking>.

Card Reader Setting>>

State	Card Revoking ▼		Apply
	Normal		
	Card Issuing		
	Card Revoking		

Administrator Table>>

2) Click <Apply>, Card Reader would be entered the revoking status.

Submit Success

Return

3) Use card to touch card reader induction area, and you might hear the card reader confirmed indication tone. Repeat step 3 to delete more cards.

4) In web page <Door card →card reader Settings >option, select <normal>.

Card Reader Setting>>

State	Normal ▼		Apply
	Normal		
	Card Issuing		
	Card Revoking		

Administrator Table>>

5) Click <Apply>, Card Reader would be back to the Normal status.

Method 2: used to batch add cards for intermediates.

1) Use < Revocation admin card> to touch card reader induction area, and it would be entered revoking card status.

2) Use the cards you want to delete from system, to touch card reader induction area, and you might hear the card reader confirmed indication tone. Repeat step 2 to delete cards.

3) Use <Revocation admin card> to touch card reader induction area, and it would be back to card read only status.

Method 3: use to batch delete cards or delete few cards.

1) In web page<Door Card Table>select the card ID and then click <Apply>.

Note: If you click <Delete All>, system will delete all the ID cards.

Door Card Table

Total: 3   Page: 1 ▼   Pre   Next   Delete   ❗   Delete All   Right Click here to Save Door Card Table

Index	Name	ID	☐	Issuing Date	Card State
1	zhangsan	0004770424	☐	JAN 01 02:10:30	Enable ▼
2	joe	0003477117	☑	JAN 01 02:10:44	Enable ▼
3		0003408920	☐	JAN 01 02:10:58	Enable ▼

Apply