



## XT-11P User Manual



[www.xontel.com](http://www.xontel.com)

## About This Manual

Thank you for choosing XonTel XT-11P door phone. This manual is intended for end users who need to properly configure the door phone. This manual provides all functions' configurations of XT-11P. Please visit XonTel forum or consult technical support for any new information or latest firmware.

**Note:** Please refer to universal abbreviation form in the end of manual when meet any abbreviation letter.

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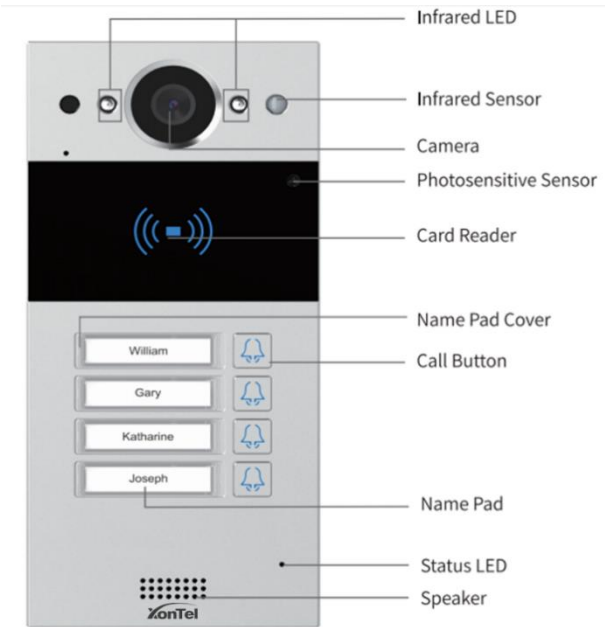
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# 1. Product Overview

## 1.1. Product Description

XonTel XT-11P is a SIP-compliant, hands-free and video door phone. It can be connected with XonTel indoor monitors for remote access controlling and monitoring. Users can communicate with visitors via audio and video calls, and unlock the door if they need. Users can also use RFID cards to unlock the door

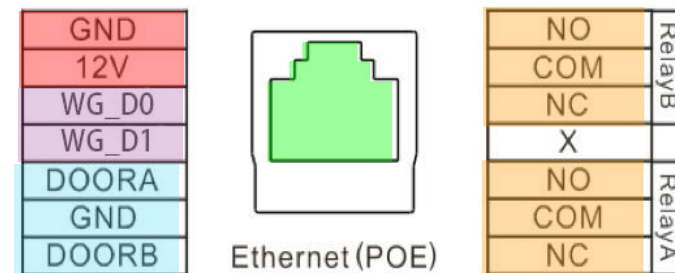


## 1.2. Connector Introduction

**Ethernet (POE):** Ethernet (POE) connector which it can provide both power and network connection.

**12V/GND:** External power supply terminal if POE connector is not available.

**WG\_D0/WG\_D1:** Wigand terminal.



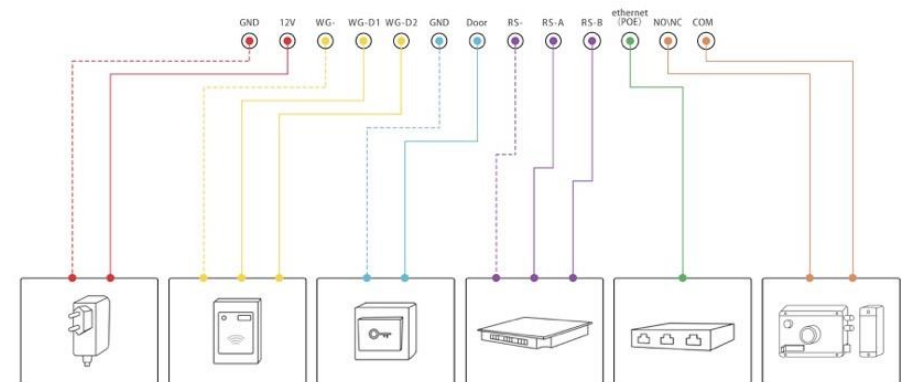


**DOORA/B:** Trigger signal input terminal.

**RelayA/B (NO/NC/COM):** Relay control terminal.

**Note:** The general door phone interface diagram is only for reference.

Door Phone



## 2. Daily Use

### 2.1. Make a Call

Press one of the intercom push buttons to make a call (you need to configure the destination of each push button through web interface).

### 2.2. Receive a Call

XT-11P will auto answer the incoming call by default. If users disable auto answer function, they can press “Dial key” to answer the incoming call.

## 2.3. Unlock

### 2.3.1. Unlock by RFID Cards

Place the predefined user cards in RFID card reader to unlock. Under normal conditions, XT-11P will announce “The door is now opened.” If the card has not been registered, XT-11P will show “Unauthorized.” Both 13.56MHz and 125KHz RFID cards are supported on XT-11P.

### 2.3.2. Unlock by DTMF Codes

Users can press the predefined DTMF code from an answer unit to remotely unlock the door during the call. Users will also hear “The door is now opened.”

## 3. Basic Features

### 3.1. Access the Website Setting

#### 3.1.1. Obtain IP Address

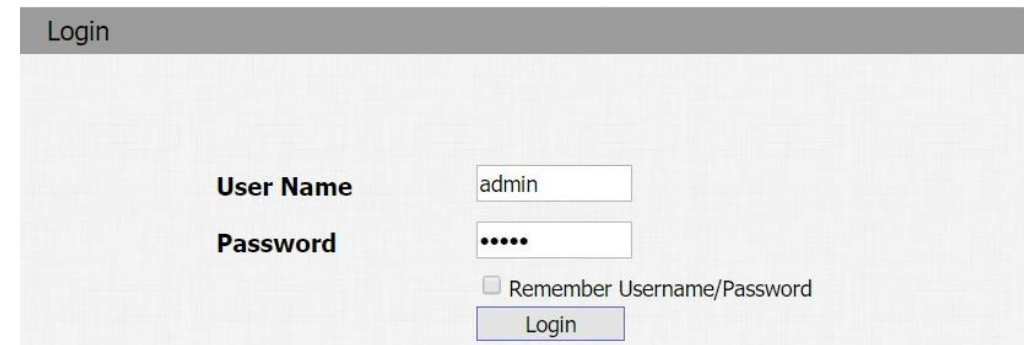
XT-11P use DHCP IP by default. Hold the first push button in the intercom and voice system will enter IP announcement mode. In IP announcement mode, the IP address will be announced.

#### 3.1.2. Access the Device Website

Open a web browser, and access the corresponding IP address. Enter the default user name and password to login. The default administrator's user name and password are shown below:

User Name: **admin**

Password: **xontel**



Login

User Name admin

Password .....

Remember Username/Password

Login

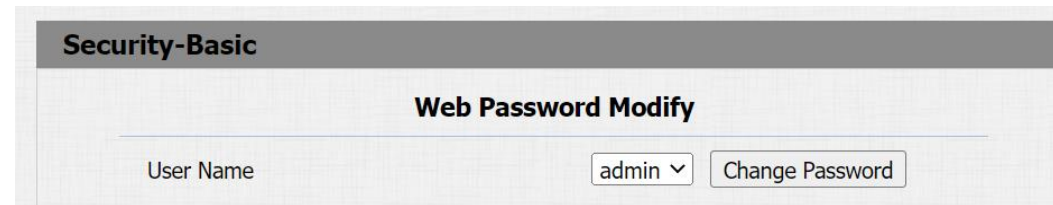
## 3.2. Password Modification

### 3.2.1. Modify the Web Password

Go to **Security - Basic** to modify password for webpage.

To modify password for “admin” or “user” account.

Choose the user then click on “ **Change Password** “



The screenshot shows a web interface for password modification. At the top, there is a header labeled "Security-Basic". Below it, the main heading is "Web Password Modify". There is a horizontal line separating the heading from the input fields. On the left, the label "User Name" is followed by a dropdown menu showing "admin" with a downward arrow. To the right of the dropdown is a button labeled "Change Password".

## 3.3. Phone Configuration

### 3.3.1. Language

Go to **Phone - Time/Lang** to select language for webpage.



The screenshot shows a web interface for language configuration. At the top, there is a header labeled "Web Language". Below it, there is a horizontal line. On the left, the label "Type" is followed by a dropdown menu showing "English" with a downward arrow.

### 3.3.2. Time

**NTP:** To select local time zone for NTP server.

### 3.3.3. Network

#### DHCP Mode

In Website, go to Network - Basic.

XT-11P uses DHCP mode by default which will get IP address, subnet mask, default gateway and DNS server address from DHCP server automatically.

#### Static IP Mode

In Website, go to Network - Basic.

If select static IP, users should manually setup IP address, subnet mask, default gateway and DNS server address. The figure right

shows static IP settings. **NTP**

Time Zone	0 GMT
Primary Server	0.pool.ntp.org
Secondary Server	1.pool.ntp.org
Update Interval	3600 (>= 3600s)
System Time	01:35:31

**LAN Port**

DHCP  
 Static IP

IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
LAN DNS1	8.8.8.8
LAN DNS2	

**LAN Port**

DHCP  
 Static IP

IP Address	192.168.1.46
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
LAN DNS1	8.8.8.8
LAN DNS2	

### 3.3.4. Sound

Go to **Phone - Audio** to configure volume and upload tone file.

**Mic Volume:** To configure microphone volume.

**Volume Level:** To configure volume level.

**Speaker Volume:** To configure speaker volume.

**Tamper Alarm Volume:** To configure tamper alarm volume.

**Prompt Volume:** To configure voice prompt volume.

Audio	
Volume Control	
Mic Volume	<input type="text" value="8"/> (1~15)
Volume Level	<input type="text" value="1"/> ▼
Speaker Volume	<input type="text" value="15"/> (1~15)
Tamper Alarm Volume	<input type="text" value="15"/> (1~15)
Prompt Volume	<input type="text" value="15"/> (0~15)

**Open Door Tone setting:** Disable it, and users will not hear the prompt voice when the door is opened.

**IP Announcement:** Configure loop times that user will hear the voice prompt of intercom IP address after pressing first push button.

**RingBack Upload:** To upload the ring back tone by users themselves.

**Opendoor Succeeded Tone Upload:** To upload the open door success tone by users themselves.

**Opendoor Failed Tone Upload:** To upload the open door failed tone by users themselves.

### Open Door Tone Setting

Open Door Inside Tone	<input checked="" type="checkbox"/>	
Open Door Outside Tone	<input checked="" type="checkbox"/>	
Open Door Failed Tone	<input checked="" type="checkbox"/>	

---

### IP Announcement

Active Time After Reboot	<input type="text" value="0"/>	(0~180 sec)
Loop Times	<input type="text" value="1"/>	(0~10)

---

### Tone Upload

File Format: wav, size: < 200KB, samplerate: 16000, Bits: 16

Open Door Succeeded Outside Warning	Choose File	No file chosen
	<input type="button" value="Upload"/>	<input type="button" value="Delete"/> <input type="button" value="Export"/>
Open Door Succeeded Inside Warning	Choose File	No file chosen
	<input type="button" value="Upload"/>	<input type="button" value="Delete"/> <input type="button" value="Export"/>
Open Door Failed Warning	Choose File	No file chosen
	<input type="button" value="Upload"/>	<input type="button" value="Delete"/> <input type="button" value="Export"/>
Ringback	Choose File	No file chosen
	<input type="button" value="Upload"/>	<input type="button" value="Delete"/> <input type="button" value="Export"/>
Trigger Manager Dial Warning	Choose File	No file chosen
	<input type="button" value="Upload"/>	<input type="button" value="Delete"/> <input type="button" value="Export"/>



## 3.4. Intercom Call

### 3.4.1. SIP Call

SIP calls which use SIP numbers to make or receive calls should be supported by SIP server. Users need to register accounts and fill SIP feature parameters before using it.

Go to **Account - Basic** to configure SIP account and SIP server for door phones first.

The screenshot shows a web interface for configuring a SIP account. The main heading is "Account-Basic" and the sub-heading is "SIP Account". The form contains the following fields:

SIP Account	
Status	Registered
Account	Account 1
Account Enabled	<input checked="" type="checkbox"/>
Display Label	631
Display Name	631
Register Name	631
User Name	631
Password	*****

### 3.4.2. SIP Account

**Status:** To display register result.

**Account Enabled:** Enable this option to start SIP account registration.

**Display Label:** To configure label name in the intercom.

**Display Name:** To configure name sent to the other call party for displaying.

**Register Name:** To enter extension number which users want and the number is allocated by SIP server.

**User Name:** To enter user name of the extension.

**Password:** To enter password for the extension.

### 3.4.3. SIP Server 1&2

**Server IP 1:** To enter preferred SIP server's IP address or URL.

**Server IP 2:** To display and configure alternate SIP server settings.

This is for redundancy, if registering to preferred SIP server fails, the phone will go to alternate SIP server for registering.

**Registration Period:** The registration will expire after registration period, and the phone will re-register automatically within registration period.

### 3.4.4. Outbound Proxy Server

An outbound proxy server is used to receive all initiating request messages and route them to the designated SIP server.

Preferred SIP Server	
Server IP	<input type="text" value="192.168.1.200"/> Port <input type="text" value="5060"/> (1024~65535)
Registration Period	<input type="text" value="1800"/> (30~65535s)

Alternate SIP Server	
Server IP	<input type="text"/> Port <input type="text" value="5060"/> (1024~65535)
Registration Period	<input type="text" value="1800"/> (30~65535s)

Outbound Proxy Server	
Enable Outbound	<input type="text" value="Disabled"/>
Server IP	<input type="text"/> Port <input type="text" value="5060"/>
Backup Server IP	<input type="text"/> Port <input type="text" value="5060"/>

### 3.4.5. Transport Type

To display and configure transport type for SIP message.

- UDP: UDP is an unreliable but very efficient transport layer protocol.
- TCP: Reliable but less-efficient transport layer protocol.
- TLS: Secured and reliable transport layer protocol.
- DNS-SRV: DNS record for specifying the location of services.

### 3.4.6. NAT

To display and configure NAT settings.

- STUN: Short for session traversal utilities for NAT, a solution to solve NAT issues.

**Note:** By default, NAT is disabled.

Transport Type	
Transport Type	<input type="text" value="UDP"/>

NAT	
NAT	<input type="text" value="Disabled"/>
Stun Server Address	<input type="text"/>
Port	<input type="text" value="3478"/>

### 3.4.7. Push Buttons configuration

Go to **Intercom - Basic** to configure first.

After setup the number which users need to call. The desired push button to call.

Group Call Number (Local)						
Key	Number 1	Number 2	Number 3	Number 4	Number 5	Number 6
Push Button 1	6101					
Push Button 2	625					
Push Button 3	626					
Push Button 4	628					

### 3.4.8. Auto Answer

Go to **Phone – Call Feature** to enable auto answer feature for SIP calls.

Go to **Phone - Call Feature** to enable auto answer feature for direct IP calls.

**Auto Answer Mode:** To set video or audio mode for auto answer feature. It is video by default.

Then incoming calls will be answered automatically.

Auto Answer	
Auto Answer Delay	0 (0~5 Sec)
Mode	Video

Direct IP	
Enabled	<input checked="" type="checkbox"/>
Auto Answer	<input checked="" type="checkbox"/>
Port	5060 (1~65535)

### 3.4.9. Web Call

Go to **Intercom - Basic** to dial out or hang up incoming calls from website.

**Web Call**

Web Call(Ready)  Auto

## 3.5. Security

### 3.5.1. Live view

Go to **Intercom - Live Stream** to check the real-time video from XT-11P.

In addition, user also can check the real-time picture via URL:

**[http://IP\\_address:8080/picture.jpg](http://IP_address:8080/picture.jpg)**.



### 3.5.2. RTSP

XT-11P supports RTSP stream, go to **Intercom - RTSP** to enable or disable RTSP server. The URL for RTSP stream is:

**rtsp://IP\_address/live/ch00\_0.**

**RTSP Stream:** To enable RTSP video and select the video codec.

XT-11P supports H.264 video codec by default.

The screenshot displays the RTSP configuration interface, divided into two sections: RTSP Basic and RTSP Stream.

**RTSP Basic**

Enabled	<input checked="" type="checkbox"/>
RTSP Authorization Enabled	<input type="checkbox"/>
MJPEG Authorization Enabled	<input type="checkbox"/>
Authentication Mode	Basic
User Name	admin
Password	*****

**RTSP Stream**

Audio Enabled	<input checked="" type="checkbox"/>
Video Enabled	<input checked="" type="checkbox"/>
2nd Video Enabled	<input checked="" type="checkbox"/>
Audio Codec	PCMU
Video Codec	H.264
2nd Video Codec	H.264

**H.264 Video Parameters:** H.264 is a video stream compression standard. To modify the resolution, framerate and bitrate of H.264.

**MPEG4 Video Parameters:** MPEG4 is network video image compression standard. It supports the maximum compression ratio 4000:1. It is an important and common video function with great communication application integration ability and less core program space. To modify the resolution, framerate and bitrate of MPEG4.

### H.264 And H.265 Video Parameters

Video Resolution	720P
Video Framerate	30 fps
Video Bitrate	2048 kbps
2nd Video Resolution	VGA
2nd Video Framerate	30 fps
2nd Video Bitrate	512 kbps

### MJPEG Video Parameters

Enabled	<input checked="" type="checkbox"/>
Video Resolution	1080P
Video Framerate	30 fps
Video Quality	90

Submit Cancel



### 3.5.3. ONVIF

XT-11P supports ONVIF protocol, which means XT-11P's camera can be searched by other devices, like NVR which supports ONVIF protocol as well.

Go to **Intercom - ONVIF** to configure ONVIF mode, its username and password.

Switching ONVIF mode to "Undiscoverable," and it means users must program ONVIF's URL manually.

The ONVIF's URL is:

[http://IP\\_address:8090/onvif/device\\_service](http://IP_address:8090/onvif/device_service).

Basic Setting	
Onvif Mode	<input type="text" value="Discoverable"/>
UserName	<input type="text" value="admin"/>
Password	<input type="password" value="••••••"/>

### 3.6. Access Control

#### 3.6.1. Unlock via DTMF

Go to **Intercom - Relay** to configure relay settings.

There are three terminals of relay: NO, NC and COM. NO stands for normally open contact. NC stands for normally closed contact.

**Relay ID:** XT-11P supports two relays. Users can configure them respectively.

**Relay Type:** Default state means NC and COM are normally closed, while Invert state means NC and COM are normally opened.

**Relay Mode:** There is two modes Monostable and Bistable.

Monostable refers to the momentary action, or pulse of duration 0.5 seconds of the XT-11P each time is recognized. Bistable refers to the maintained operation of the XT-11P

The screenshot shows a web-based configuration interface for relays. It has a title bar 'Relay' and a sub-header 'Relay'. The interface is organized into two columns for 'RelayA' and 'RelayB'. The settings for each relay are as follows:

Setting	RelayA	RelayB
Relay ID	RelayA	RelayB
Type	Default state	Default state
Mode	Monostable	Monostable
Trigger Delay(Sec)	0	0
Hold Delay(Sec)	3	3
DTMF Mode	1 Digit DTMF	
1 Digit DTMF	#	#
2~4 Digits DTMF	010	012
Relay Status	RelayA: Low	RelayB: Low
Relay Name	RelayA	RelayB

**Relay Delay:** To configure the duration of opened relay. Over the value, the relay would be closed again.

**DTMF Option:** To select digit of DTMF code, XT-11P support maximum to 4 digits' DTMF code.

**DTMF:** To configure DTMF code for remote unlocking.

**Relay Status:** While the relay is triggered, the statues will be switched. When COM connects to NC, the status is low.

**Note:** Relay operate a switch and does not deliver power, so users should prepare power adapter for external devices which connects to relay.

**Relay Schedule:** Set the corresponding relay always open at a specific time. This feature is designed for some specific scenarios, for example, the time after school, or for morning work time.

- **Relay ID:** choose on the relay you need to set up.
- **Schedule Enabled:** it is disabled by default. Only choose to enable it, that you can select the schedule.  
For creating the schedule, please refer to door access schedule configuration.

The screenshot shows a web interface for configuring a relay schedule. At the top, the title is "Relay Schedule". Below the title, there is a "Relay ID" dropdown menu set to "RelayA". Underneath, the "Schedule Enabled" checkbox is checked. The interface is divided into two main sections: "All Schedules" and "Enabled Schedules". The "All Schedules" list contains two items: "1002:Never" and "1001:Always". The "Enabled Schedules" list is currently empty. Between the two lists are two buttons: ">>" and "<<".

To do schedule configuration go to **Intercom >**

**Schedules** interface.

**Schedule Type:** set the type of time period. There are three types to choose from: Daily, Weekly, and Normal. The default is Daily.

**Schedule Name:** set the name of the time period.

**Date Range:** set the corresponding date. This field will only be displayed when the Normal type is selected.

**Day of Week:** select the corresponding day of the week. This field will only be displayed when the Week and Normal types are selected.

**Date Time:** set the corresponding time period.

### Schedule Setting

---

Schedule Type:

Schedule Name:

Date Range:  -

Day of Week: Mon  Tue  Wed  Thur   
 Fri  Sat  Sun  Check All

Date Time:  :  -  :

---

### Schedules Management

Index	Schedule ID	Source	Mode	Name	Date	Day of Week	Time	
1	1002	Local	Daily	Never	-	-	-	<input type="checkbox"/>
2	1001	Local	Daily	Always	-	-	00:00:00-23:59:59	<input type="checkbox"/>
3								<input type="checkbox"/>

In addition to creating door access schedule separately, you can also conveniently import or export the schedules in order to maximize your door access schedule management efficiency.

XT-11P door phone supports can give access permission to the indoor monitor or other devices. Access white list includes group setting and contact setting and management.

**Schedules**

**Import/Export Schedules(.xml)**

Choose File No file chosen Import Export

**Open Relay Via DTMF**

Assigned The Authority For

All Numbers  
None  
Only Contacts List  
All Numbers

Submit Cancel

To setup access whitelist on web go to **Contacts**  
**> Access Allowlist.**

**Name:** enter the contact's name, which is required.

**Phone Number:** enter the phone number of the contact, which is required.

**Account:** select which SIP account will be used to call out. If using IP direct call, it is not available.

**Floor:** enter the floor number if needed.

### Access Allowlist

**Contacts** All Contacts ▾

**Search**  Search Reset

Index	Name	Phone Number	Account	Floor	▣
1					<input type="checkbox"/>
2					<input type="checkbox"/>
3					<input type="checkbox"/>
4					<input type="checkbox"/>
5					<input type="checkbox"/>
6					<input type="checkbox"/>
7					<input type="checkbox"/>
8					<input type="checkbox"/>
9					<input type="checkbox"/>
10					<input type="checkbox"/>

Page 1 ▾
Prev
Next
Delete
Delete All

**Contact Setting**

Name

Account Auto ▾

Phone Number

Floor None

Add
Edit
Cancel

### 3.6.2. Unlock via RFID Card and Private PIN

You can tap the RF card on the reader and click obtain to add RF card for the user. Path: **Intercom > User**.

After that add new user as shown.

**User ID:** Enter the user ID. The user ID is 11 digits maximum in length and cannot be reused for other users. The User ID can be generated automatically or manually.

**Name:** Enter the user name.

**Role:** Select general users for residents and select administrator for the administrator.

**Code:** Place the card on the device card reader area and click “ **Obtain** “.

**Note:**

**RF card with 13.56 MHz and 125 KHz can be applicable to the door phone for door access.**

**User**

**User**

Name/User ID  All

<input type="checkbox"/>	Source	User ID	Name	Private PIN	RF Card	Floor No.	Web Relay	Schedule-Relay	Edit	
<input type="checkbox"/>	1	Local	2	key		00A6FF9D	0	0	1001-1;	
<input type="checkbox"/>	2	Local	1	company		0059D36A;00A69B37;..	0	0	1001-1;	

**User**

**User Basic**

User ID

Name

Role

**RF Card**

Code

**Access Setting**

Relay  RelayA  RelayB

Web Relay

Floor No.

All Schedules  
1001:Always  
1002:Never

Enabled Schedules  
1001:Always



### 3.6.3. Unlock via HTTP command

Users can use a URL to remote unlock the door.

Go to **Intercom - Relay** to configure.

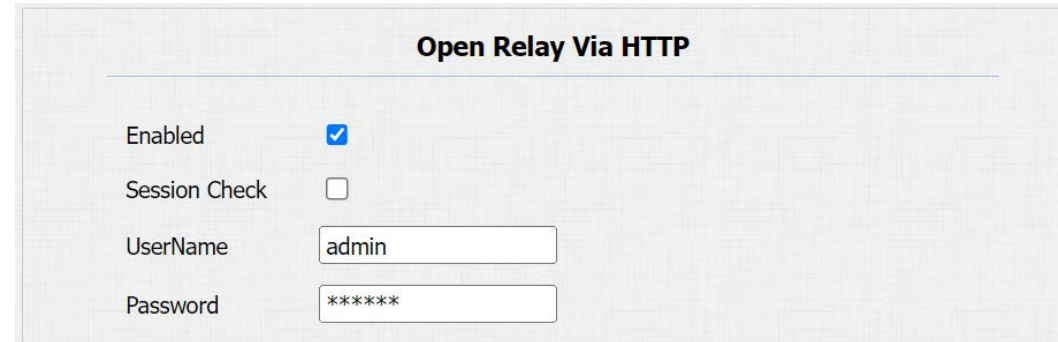
**Enabled:** Enable this function. Disable by default.

**Session Check:** enable it to protect data transmission security.

**UserName&Password:** Users can setup the username and password for HTTP unlock (by default username is **admin** and password is **xontel**).

**URL format:**

[http://\(Intercom\\_IP\)/fcgi/do?action=OpenDoor&UserName=admin&Password=xontel&DoorNum=1](http://(Intercom_IP)/fcgi/do?action=OpenDoor&UserName=admin&Password=xontel&DoorNum=1)



The screenshot shows a configuration window titled "Open Relay Via HTTP". It contains the following settings:

Enabled	<input checked="" type="checkbox"/>
Session Check	<input type="checkbox"/>
UserName	<input type="text" value="admin"/>
Password	<input type="text" value="*****"/>

### 3.6.4. Unlock via Exit Button

Go to **Intercom - Input** to configure input settings. XT-11P supports 2 input triggers “Input A/B (DOOR A/B).”

**Enabled:** To enable or disable input trigger service.

**Trigger Electrical Level:** To choose open circuit trigger or closed-circuit

trigger. “ **Low** ” means that connection between door terminal and GND is closed, while “ **High** ” means the connection is opened.

**Door status:** To show the status of input signal.

**Input**

**Input A**

Enabled	<input type="checkbox"/>
Trigger Electrical Level	<input type="text" value="Low"/>
Action To Execute	FTP <input type="checkbox"/> Email <input type="checkbox"/> HTTP <input type="checkbox"/> SIP Call <input type="checkbox"/>
HTTP URL	<input type="text"/>
Action Delay	<input type="text" value="0"/> (0~300 Sec)
Execute Relay	<input type="text" value="None"/>
Door Status	DoorA: High

**Input B**

Enabled	<input type="checkbox"/>
Trigger Electrical Level	<input type="text" value="Low"/>
Action To Execute	FTP <input type="checkbox"/> Email <input type="checkbox"/> HTTP <input type="checkbox"/> SIP Call <input type="checkbox"/>
HTTP URL	<input type="text"/>
Action Delay	<input type="text" value="0"/> (0~300 Sec)
Execute Relay	<input type="text" value="None"/>
Door Status	DoorB: High

### 3.7. Reboot

Go to **Upgrade - Basic**, users can reboot the phone.

Reboot	<input type="button" value="Submit"/>
--------	---------------------------------------

### 3.8. Reset

Go to **Upgrade - Basic**, users can reset the phone to factory settings.

Reset To Factory Setting	<input type="button" value="Reset"/>
--------------------------	--------------------------------------

**Note:** All configurations will be reset after restore. Please backup the data if users need.

## 4. Advanced Features

### 4.1. Phone Configuration

#### 4.1.1. LED

Go to **Intercom - LED Setting** to configure.

**Photoresistor:** The setting is for night vision, when the surrounding of XT-11P is very dark, infrared LED will turn on and XT-11P will turn to night mode.

Photoresistor value relates to light intensity and larger value means that light intensity is smaller.

Users can configure the upper and lower bound and when photoresistor value is larger than upper bound, infrared LED will turn on. As contrast, when photoresistor value is smaller than lower bound, infrared LED will turn off and device turns to normal mode.

**LED Status** is to set up **LED Status** which can change light mode on different condition.

**LED Setting**

**LED Fill Light**

Mode	<input type="text" value="Auto"/>	
Min Photoresistor	<input type="text" value="1500"/>	(0~1800)
Max Photoresistor	<input type="text" value="1600"/>	(0~1800)

**LED Status**

Device Status	LED Color	LED Display Mode
NORMAL <input type="text" value="v"/>	<input type="text" value="Blue"/>	<input type="text" value="Always On"/>
OFFLINE <input type="text" value="v"/>	<input type="text" value="Red"/>	<input type="text" value="2500/2500 Blink"/>
CALLING <input type="text" value="v"/>	<input type="text" value="Blue"/>	<input type="text" value="2500/2500 Blink"/>
TALKING <input type="text" value="v"/>	<input type="text" value="Green"/>	<input type="text" value="Always On"/>
RECEIVING <input type="text" value="v"/>	<input type="text" value="Green"/>	<input type="text" value="2500/2500 Blink"/>

**LED Control**

Wake Mode	<input type="text" value="Auto"/>	
LED Control	<input type="checkbox"/>	
Keypad LED Enabled	<input type="checkbox"/>	
Card LED Enabled	<input type="checkbox"/>	

#### 4.1.2. RFID Card Code Display Related

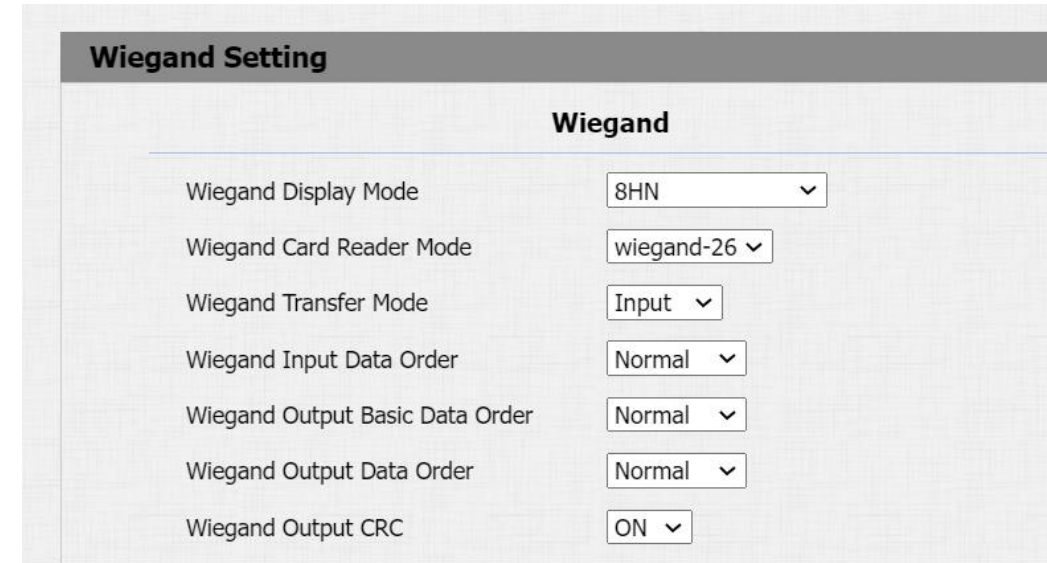
Go to **Intercom – Wiegand** to configure.

**Wiegand Display mode:** To be compatible different card number formats in different systems. The default 8HN means hexadecimal.

Using this feature to integrate with some wiegand access control. XT-11P can be used as wiegand input or output.

**Wiegand Card Reader Mode:** Support Wiegand 26 or 34. The different number means different bits.

**Wiegand Transfer Mode:** Input or output. Typically, when users select input, we generally connect the wiegand input device, such as the wiegand card reader. Or XT-11P can be used as output, it is generally used to connect the third-party access control, and XT-11P change the card information as wiegand signal, and then transfer to the access control module.



The screenshot shows a web interface for configuring Wiegand settings. The title is "Wiegand Setting". Below the title, there is a section labeled "Wiegand" containing several configuration options, each with a dropdown menu:

Wiegand	
Wiegand Display Mode	8HN
Wiegand Card Reader Mode	wiegand-26
Wiegand Transfer Mode	Input
Wiegand Input Data Order	Normal
Wiegand Output Basic Data Order	Normal
Wiegand Output Data Order	Normal
Wiegand Output CRC	ON

## 4.2. Intercom

### 4.2.1. Call Time Related

Go to **Intercom - Basic** to configure.

**Max Call Time:** To configure the max call time.

**Dial In Time:** To configure the max incoming dial time, available when auto answer is disabled.

**Dial Out Time:** To configure the max no answer call time.

### 4.2.2. SIP Call Related

Go to **Account - Advanced** to configure the SIP call related.

**Max Local SIP Port:** To configure maximum local SIP port for designated SIP account.

**Min Local SIP Port:** To configure maximum local SIP port for designated SIP account.

**Prevent SIP Hacking:** If enabled, it will prevent SIP messages from hacking

Max Call Time		
Max Call Time	<input type="text" value="5"/>	(0~120Minutes)

Max Dial Time		
Dial In Time	<input type="text" value="60"/>	(1~120Sec)
Dial Out Time	<input type="text" value="60"/>	(1~120Sec)

Call		
Max Local SIP Port	<input type="text" value="5062"/>	(1024~65535)
Min Local SIP Port	<input type="text" value="5062"/>	(1024~65535)
Auto Answer	<input type="text" value="Enabled"/>	▼
Prevent SIP Hacking	<input type="text" value="Disabled"/>	▼

### 4.2.3. Codec

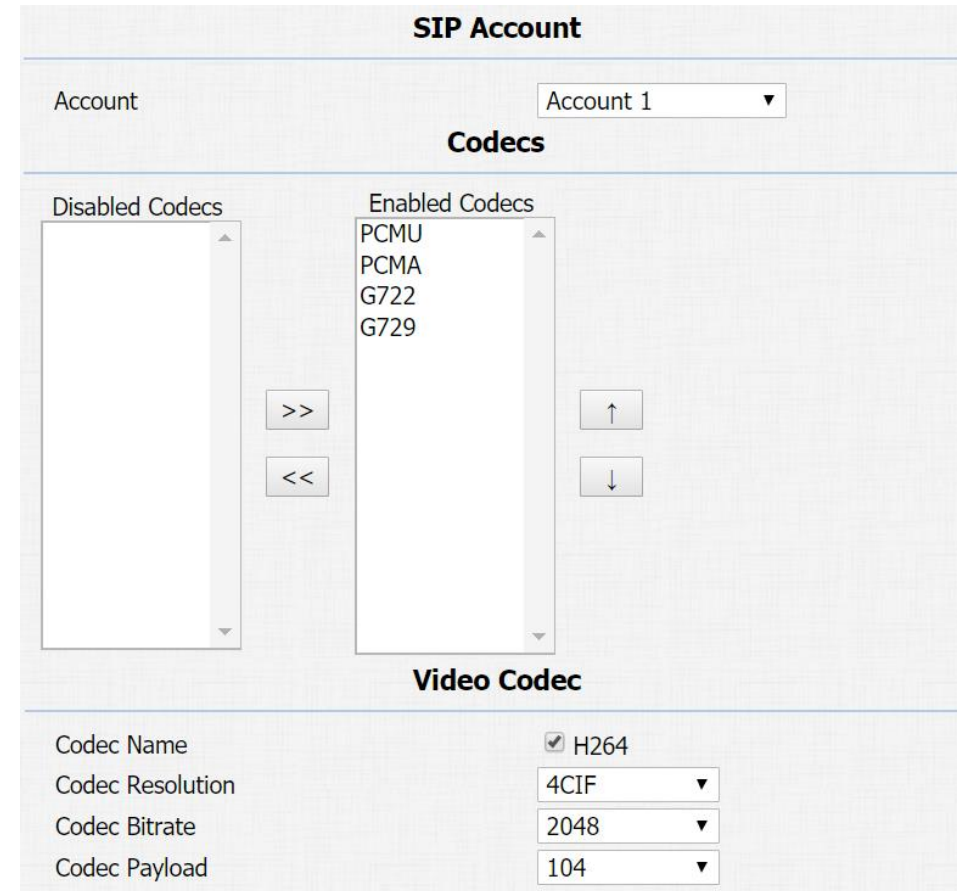
Go to **Account - Advanced** to configure SIP call related codec.

**Account:** To choose which account to configure.

**Audio Codec:** XT-11P support four audio codecs: PCMA, PCMU, G729, G722. Different audio codecs require different bandwidth; users can enable/disable them according to different network environment.

**Note:** Bandwidth consumption and sample rates are as below:

Codec	Bandwidth	Sample Rates
PCMA	64kbit/s	8kHz
PCMU	64kbit/s	8kHz
G729	8kbit/s	8kHz
G722	64kbit/s	16kHz



The screenshot shows the 'SIP Account' configuration page. At the top, there is a dropdown menu for 'Account' set to 'Account 1'. Below this is the 'Codecs' section, which is divided into two columns: 'Disabled Codecs' and 'Enabled Codecs'. The 'Enabled Codecs' list contains PCMU, PCMA, G722, and G729. There are navigation buttons between the columns: '>>' and '<<' between the disabled and enabled lists, and up/down arrows on the right side of the enabled list. Below the codec lists is the 'Video Codec' section, which includes a checked checkbox for 'H264', a dropdown for 'Codec Resolution' set to '4CIF', a dropdown for 'Codec Bitrate' set to '2048', and a dropdown for 'Codec Payload' set to '104'.

**Video Codec:** XT-11P support H.264 standard, which provides better video quality at substantially lower bit rates than previous standards.

**Codec Resolution:** XT-11P support four resolutions, QCIF, CIF, VGA, 4CIF and 720P.

**Bitrate:** To configure bit rates of video stream.

**Payload:** To configure RTP audio video profile.



#### 4.2.4. DTMF

Go to **Account - Advanced** to configure RTP audio video profile for DTMF and its payload type.

**Type:** Support inband, info, RFC2833 or their combination.

**How To Notify DTMF:** Only available when DTMF type is info.

**Payload:** To configure payload type for DTMF.

DTMF	
Type	<input type="text" value="RFC2833"/>
How To Notify DTMF	<input type="text" value="Disabled"/>
Payload	<input type="text" value="101"/> (96~127)

#### 4.2.5. Encryption

Go to **Account - Advanced** to configure.

If enabled, voice will be encrypted.

#### 4.2.6. NAT

Go to **Account - Advanced** to display NAT related settings.

**UDP Keep Alive message:** If enabled, the phone will send UDP keep-alive message periodically to router to keep NAT port alive.

**UDP Alive Msg Interval:** Keep alive message interval.

**Rport:** Remote port, if enabled, it will add remote port into outgoing SIP message for designated account.

#### 4.2.7. User Agent

Go to **Account - Advanced** to configure. One can customize user agent field in the SIP message. If user agent is set to specific value, users can see the information from PCAP. If user agent is not set

Encryption	
Voice Encryption(SRTP)	Disabled ▼

NAT	
UDP Keep Alive Messages	Disabled ▼
UDP Alive Msg Interval	30 (5~60s)
RPort	Disabled ▼

User Agent	
User Agent	<input type="text"/>

by default, users can see the company name, model number and firmware version from PCAP.

## 4.3. Access Control

### 4.3.1. Web Relay

XT-11P can support to connect to web relay. Go to **Phone – Web Relay** to configure.

**Type:** Connect web relay and choose the type.

**IP Address:** Enter web relay's IP address.

**User Name:** it is an authentication for connecting web relay.

**Password:** It is an authentication for connecting web relay.

**Web Relay Action:** Web relay action is used to trigger the web relay. The action URL is provided by web relay vendor.

**Web Relay Key:** If the DTMF keys are same with the local relay, the web relay will be open with local relay. But if there are different, the web relay is invalid.



**Web Relay**

**Web Relay**

Type: Disabled

IP Address:

User Name:

Password:

**Web Relay Action Setting**

Action ID	Web Relay Action	Web Relay Key	Web Relay Extension
Action ID 01	state.xml?relayState=2	1	192.168.1.99
Action ID 02	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 03	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 04	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 05	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 06	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 07	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 08	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 09	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 10	<input type="text"/>	<input type="text"/>	<input type="text"/>

Submit Cancel

**Web Relay Extension:** The web relay can only receive the DTMF signal from the corresponding extension number.

**Note:** Users can modify username and password in web relay website.

## 4.4. Security

### 4.4.1. Motion

XT-11P supports motion detection, go to **Intercom - Motion** to configure detection related parameters.

**Motion Detection Options:** To enable or disable motion detection. If enabled.

you can configure the minimum time gap between two snapshots

**Action to execute:** To choose suitable way to receive message or snapshot when detecting motion.

**Motion Detect Time Setting:** To configure motion detection time schedule

The screenshot shows a web interface for configuring motion detection. It is divided into three main sections:

- Motion Detection Options:** Contains a dropdown menu for "Suspicious Moving Object Detection" set to "Disabled" and a text input for "Timing Interval" set to "10" with a note "(0~120 Sec)".
- Action To Execute:** Features radio buttons for "FTP", "Email", "SIP Call", and "HTTP". Below these is an "HTTP URL" text input field.
- Motion Detect Time Setting:** Includes a "Day" section with checkboxes for "Mon", "Tue", "Wed", "Thur", "Fri", "Sat", and "Sun", along with a "Check All" option. The "Start Time - End Time" section uses dropdown menus to set a time range from "00:00" to "23:59".

At the bottom of the form are "Submit" and "Cancel" buttons.

#### 4.4.2. Action

XT-11P supports to send notifications, snapshots via email and ftp transfer method, or calls via sip call method, when trigger specific actions.

##### 4.4.2.1. Action Parameters

Go to **Intercom - Action** to set action receiver.

#### Email Notification

**Sender's email address:** To configure email address of sender.

**Receiver's email address:** To configure email address of receiver.

**SMTP server address:** To configure SMTP server address of sender.

**SMTP user name:** To configure user name of SMTP service (usually it is same with sender's email address).

**SMTP password:** To configure password of SMTP service (usually it is the same with the password of sender's email).

**Email subject:** To configure subject of email.

**Email content:** To configure content of email.

**Email Test:** To test whether email notification is available.

Email Notification	
Sender's email address	<input type="text" value="neil.fang1214@gmail.com"/>
Receiver's email address	<input type="text" value="neil.fang@xontel.com"/>
SMTP server address	<input type="text" value="smtps://smtp.gmail.com"/>
SMTP user name	<input type="text" value="neil.fang1214@gmail.com"/>
SMTP password	<input type="password" value="....."/>
Email subject	<input type="text" value="Test"/>
Email content	<input type="text" value="Only for Testing."/>
<input type="button" value="Email Test"/>	

### FTP Notification

**FTP Server:** To configure URL of FTP server.

**FTP User Name:** To configure user name of FTP server.

**FTP Password:** To configure password of FTP server.

**FTP Test:** To test whether FTP notification is available.

### SIP Notification

**SIP Call Number:** To configure sip call number.

**SIP Call Name:** To configure display name of XT-11P.

FTP Notification	
FTP Server	<input type="text" value="192.168.1.155"/>
FTP User Name	<input type="text" value="admin"/>
FTP Password	<input type="password" value="••••••"/>
<input type="button" value="FTP Test"/>	

SIP Call Notification	
SIP Call Number	<input type="text" value="5101100010"/>
SIP Caller Name	<input type="text" value="Judy"/>

#### 4.4.2.2. Input Interface Triggered Action

Go to **Intercom - Input** to configure.

**Action to execute:** To choose which action to execute after triggering.

**HTTP URL:** To configure URL, if HTTP action is chosen.

#### 4.4.2.3. Motion Triggered Action

Go to **Intercom - Motion** to configure.

**Action to execute:** To choose which action to execute after triggering.

**Http URL:** To configure URL, if HTTP action is chosen.

**Call Event**

Action To Execute    FTP     Email     HTTP

HTTP URL

**Action to execute**

Action to execute    FTP     Email     Sip Call     HTTP

Http URL:

## 4.5. Upgrade

### 4.5.1. Web Upgrade

Go to **Upgrade - Basic** to do web upgrade.

**Upgrade:** Choose “.rom” firmware from the PC, and then click “Submit” to start update.

<b>Upgrade-Basic</b>	
Firmware Version	320.30.3.122
Hardware Version	320.0
Upgrade	<input type="button" value="Choose File"/> No file chosen
	<input type="button" value="Upgrade"/> <input type="button" value="Cancel"/>

### 4.5.2. Autop Upgrade

Go to **Upgrade - Advanced** to configure automatically update server's settings.

#### PNP

Plug and Play, once PNP is enabled, the phone will send SIP subscription message to PNP server automatically to get auto provisioning server's address.

By default, this SIP message is sent to multicast address 224.0.1.75 (PNP server address by standard).

<b>PNP Option</b>	
PNP Config Enabled	<input checked="" type="checkbox"/>



### Automatic Autop

To display and configure auto provisioning mode settings.

This auto provisioning mode is actually self-explanatory.

For example, mode “Power on” means the phone will go to do provisioning every time it powers on.

**Note:** Please refer to the related feature guide from forum.

Automatic Autop	
Mode	Power On <input type="button" value="v"/>
Schedule	Sunday <input type="button" value="v"/>
	22 (0~23 hour)
	0 (0~59 min)
Clear MD5	<input type="button" value="Clear"/>
Export Autop Template	<input type="button" value="Export"/>

### 4.5.3. Backup Config File

Go to **Upgrade - Advanced** to backup the config file.

**Export Autop Template:** To export current config file.

**Others:** To export current config file (Encrypted) or import new config file.

Others	
Config File(.tgz/.conf/.cfg)	<input type="button" value="Choose File"/> No file chosen
	<input type="button" value="Export"/> (Encrypted)
	<input type="button" value="Import"/> <input type="button" value="Cancel"/>

## 4.6. Log

### 4.6.1. Call Log

Go to **Phone - Call Log**, users can see a list of call logs which have dialed, received or missed. Users can delete call logs from list.

**Call Log**

Save Call Log Enabled

Call History All Hang Up

Time dd-----yyyy - dd-----yyyy

Name/Number  Search Export

Index	Type	Date	Time	Local Identity	Name	Number	<input type="checkbox"/>
1	Dialed	2023-05-16	15:59:10	631@192.168.1.200	628	<a href="mailto:628@192.168.1.200">628@192.168.1.200</a>	<input type="checkbox"/>
2	Dialed	2023-05-16	15:59:03	631@192.168.1.200	6101	<a href="mailto:6101@192.168.1.200">6101@192.168.1.200</a>	<input type="checkbox"/>

### 4.6.2. Door Log

Go to **Phone - Door Log**, users can see a list of door logs which records card information and date.

**Door Log**

Index	Name	Code	Type	Date	Time	Status	<input type="checkbox"/>
1	Courier	FFB59828	Card	2018-09-30	10:49:19	Failed	<input type="checkbox"/>
2	unKnown	1FEDBA28	Card	2018-09-30	10:49:16	Failed	<input type="checkbox"/>
3	Courier	FFB59828	Card	2018-09-30	10:49:09	Failed	<input type="checkbox"/>
4							<input type="checkbox"/>
5							<input type="checkbox"/>
6							<input type="checkbox"/>
7							<input type="checkbox"/>
8							<input type="checkbox"/>
9							<input type="checkbox"/>
10							<input type="checkbox"/>
11							<input type="checkbox"/>
12							<input type="checkbox"/>
13							<input type="checkbox"/>
14							<input type="checkbox"/>
15							<input type="checkbox"/>

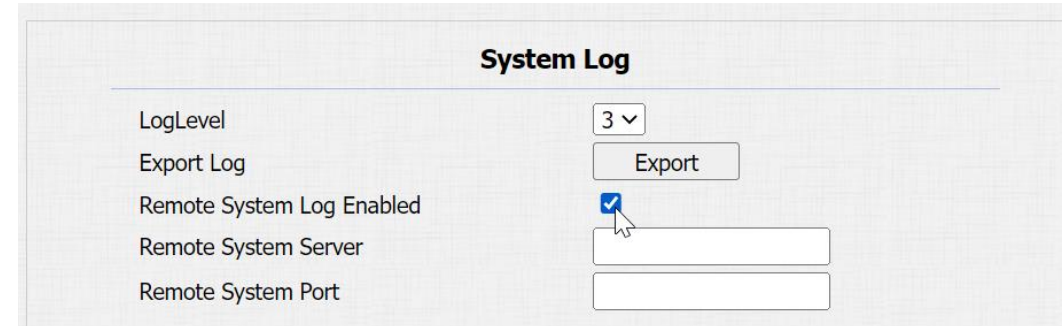
Page 1 Prev Next Delete Delete All

### 4.6.3. System Log

Go to **Upgrade - Advanced** to configure system log level and export system log file.

**LogLevel:** From level 0 to 7. The higher level means the more specific system log is saved to a temporary file. It's level 3 by default.

**Export Log:** Click to export temporary system log file to local PC.



The screenshot shows a web interface titled "System Log" with the following configuration options:

Parameter	Value / Action
LogLevel	3 (dropdown menu)
Export Log	Export (button)
Remote System Log Enabled	<input checked="" type="checkbox"/>
Remote System Server	(empty text input field)
Remote System Port	(empty text input field)

#### 4.6.4 PCAP

Go to **Upgrade - Advanced** to start, stop packets capturing or to export captured packet file.

**Start:** To start capturing all the packets file sent or received from phone.

**Stop:** To stop capturing packets.

### PCAP

Specific Port	<input type="text" value=""/>	(1~65535)
PCAP	<input type="button" value="Start"/>	<input type="button" value="Stop"/> <input type="button" value="Export"/>
PCAP Auto Refresh	<input type="checkbox"/>	
New PCAP	<input type="button" value="Start"/>	