

XT-10P IP Intercom User Manual



About this manual

Thank you for choosing XonTel XT-10P IP Video Intercom. This manual is intended for end users, who need to use and configure the XT-10P IP Intercom. It provides an overview of the most essential functions and features of the product.

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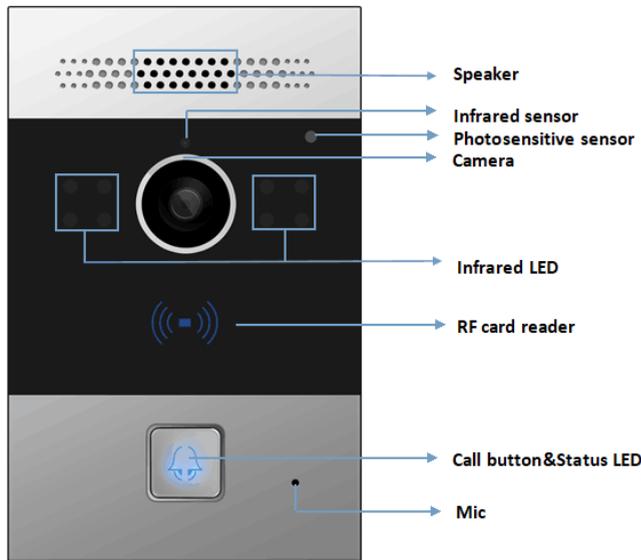
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1. Product overview

1.1 Product Description

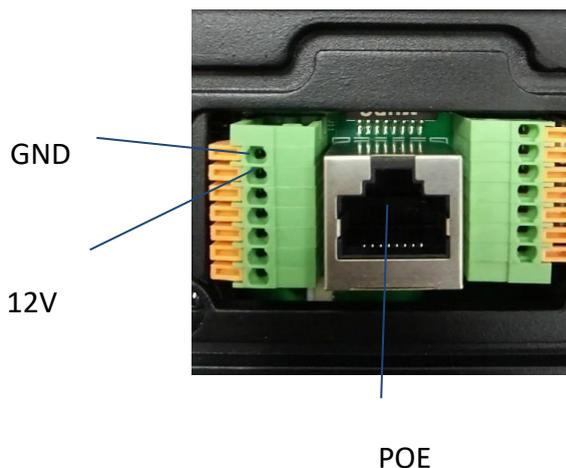
XonTel XT-10P is a SIP-compliant, hands-free one button video outdoor phone. It can be connected with your IP Phone or IP indoor monitor for remote unlock and monitor. Users can operate the indoor phone to communicate with visitors via voice and video, and use RF card to unlock the door. It's applicable in villas, office and so on.



1.2 Power connection

XT-10P is POE-enabled, and POE cable would delivery electrical power to XT-10P, which means user just need consider network connection.

If POE switch is not available, user have to prepare a 12V adapter as power supply extra.



2. Daily use

2.1 Making a call

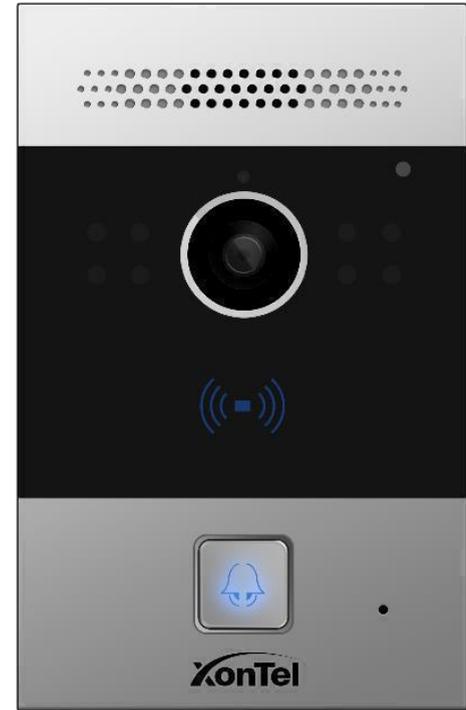
Press the call button to call out the predefined number or IP address and if LED turns green, it means the call has been answered.

2.2 Receiving a call

User can use IP phone or indoor monitor to call XT-10P and XT-10P will answer it automatically by default. If user disable auto answer, user should press push button to answer incoming call.

2.3 Unlock by RF Card

Place the predefined RF card on the card sensor area. The door phone will announce '**the door is now opened**' and open the door. 13.56MHz and 125KHz RF cards is supported by XonTel XT-10P.



3. Configuration

3.1 Web login

3.1.1 Obtaining IP address

The XonTel XT-10P uses the IP address 192.168.1.100 by default. You can press and hold call button for a short period of time (about 5 seconds) after LED light turns blue, XT-10P will announce its IP address.

3.1.2 Login the Web

Open a Web Browser, enter the corresponding IP address. Then, type the default user name and password to login. The default administrator User Name and Password are shown below:

User Name: **admin**

Password: **xontel**

A screenshot of the XonTel web login interface. The page has a white background with a grey sidebar on the left. At the top, there is a grey header bar with the word 'Login' in white. Below the header, the 'User Name' field contains the text 'admin'. The 'Password' field contains six dots. There is a checkbox labeled 'Remember Username/Password' which is currently unchecked. At the bottom of the form is a 'Login' button.

3.1.3 Status

From here you can see XT-10P status, including product information, network information and account information. This settings can be viewed from **Status -> Basic**

Status	
Product Information	
Model	XT-10P
MAC Address	20:17:11:09:17:58
Firmware Version	20.223.1.216
Hardware Version	20.0.0.0.0.0.0
Network Information	
LAN Port Type	Static IP
LAN Link Status	Connected
LAN IP Address	192.168.1.13
LAN Subnet Mask	255.255.255.0
LAN Gateway	192.168.1.1
LAN DNS1	8.8.8.8
LAN DNS2	
Account Information	
Account1	636@192.168.1.200 Registered
Account2	142@sip.gulfsip.com Disabled

Sections	Description
Product Information	To display the device information such as Model name, MAC address (IP device's physical address), Firmware version and Hardware firmware.
Network Information	To display the device's Networking status (LAN Port), such as Port Type (which could be DHCP/Static/PPPoE), Link Status, IP Address, Subnet Mask, Gateway, Primary DNS server, Secondary DNS server, Primary NTP server and Secondary NTP server (NTP server is used to synchronize time from internet automatically)
Account Information	To display device account information and registration status (account username, registered server address, register status).

3.2 Phone Basic settings

3.2.1 Time/Lang

To select local Time Zone and set the NTP servers for the XT-10P go to **Phone->Time/Lang**

Time/Lang

NTP

Time Zone	<input type="text" value="0 GMT"/>
Primary Server	<input type="text" value="0.pool.ntp.org"/>
Secondary Server	<input type="text" value="1.pool.ntp.org"/>
Update Interval	<input type="text" value="3600"/> ($\geq 3600s$)
System Time	08:31:52

3.2.2 Call Feature

To configure call feature settings, go to **Phone->Call Feature**

Phone-Call Feature

Others

Return Code When Refuse	486(Busy Here) ▼
Auto Answer Delay	0 (0~5s)
Auto Answer Mode	Video ▼
Multicast Codec	PCMU ▼
Direct IP	Enabled ▼
Direct IP Port	5060 (1~65535)

Sections	Description
Others	<ul style="list-style-type: none"> ● Return Code When Refuse: Allows user to assign specific code as return code to SIP server when an incoming call is rejected. ● Auto Answer Delay: To configure delay time before an incoming call is automatically answered. ● Auto Answer Mode: To set video or audio mode for auto answer by default. ● Multicast Codec: To set the codec of multicast paging. ● Direct IP: Direct IP call without SIP proxy. ● Direct IP Port: Port number which will be used for the direct IP call.

3.2.3 Voice

To configure XT-10P volume settings and upload tone files to the XT-10P go to **Phone->Voice**

The screenshot shows the 'Voice' configuration page with the following sections:

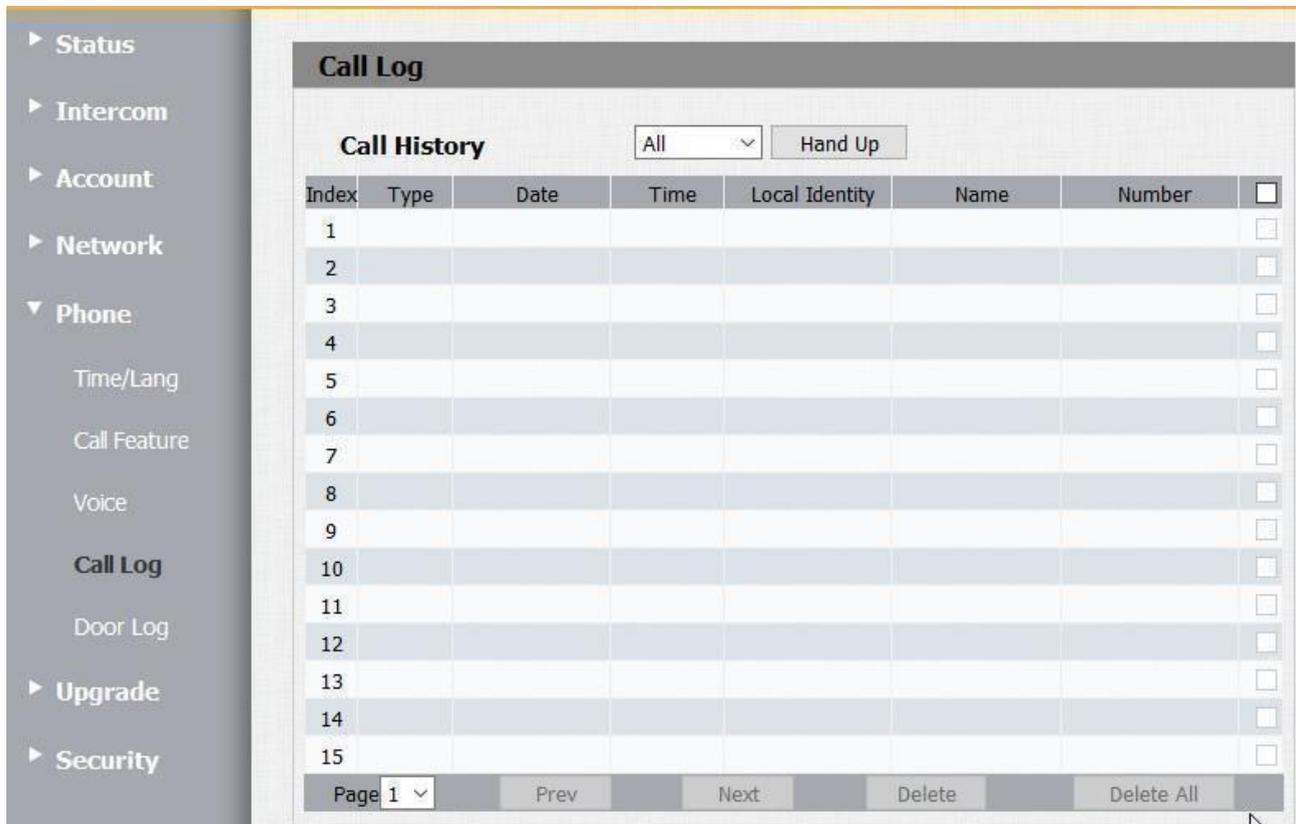
- Mic Volume:** A slider set to 8, with a range of (1~15).
- Speaker Volume:** A slider set to 8, with a range of (1~15).
- Ringback Volume:** A slider set to 8, with a range of (0~15).
- Open Door Warning:** A dropdown menu set to 'Enabled' and another dropdown menu set to 'Arabic'.
- IP Announcement:** Two input fields: 'IP Announcement active time' set to 0 (range 0~180) and 'IP Announcement Loop times' set to 1 (range 0~10).
- RingBack Upload:** A file upload section with 'Choose File' (No File Chosen), 'Upload', and 'Delete' buttons. File Format: wav, size: < 200KB, samplerate: 8k/16k, Bits: 16.
- Opendoor Tone Upload:** A file upload section with 'Choose File' (No File Chosen), 'Upload', and 'Delete' buttons. File Format: wav, size: < 200KB, samplerate: 8k/16k, Bits: 16.

At the bottom of the page, there are 'Submit' and 'Cancel' buttons.

- (1) **Mic Volume:** To configure Microphone volume.
- (2) **Speaker Volume:** To configure Speaker volume.
- (3) **Ringback Volume:** To configure ringback volume.
- (4) **Open Door Warning:** When the door is opened, users will hear open door prompt voice. If you disable this option, users will not hear open door prompt voice. You can also choose the language of open door prompt voice.
- (5) **IP Announcement:** To setup the IP Announcement active time. Over the configured value, the phone will not announce its IP address, even you hold the button.
- (6) **RingBack Upload:** To upload the ringback tone that you need.
- (7) **Opendoor Tone Upload:** To upload the Open door tone that you need.

3.2.4 Call Log

To check XT-10P call history go to **Phone->Call Log**,



Sections	Description
Call History	To display call history records. Available call history types are All calls, Dialed calls, Received calls, Missed calls and Forwarded calls. Users can check the call history in detail. Tick the number to delete or delete all logs.

3.2.5 Door Log

To check XT-10P door unlock history go to **Phone->Door Log**

Door Log					
Index	Name	Code	Date	Time	<input type="checkbox"/>
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"/>
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

Sections	Description
Door Log	To display unlock history. This interface can only show the RF card unlock history now. Users can check the unlock information in detail. User can delete one or all logs.

3.2.6 Web Relay

XonTel XT-10P can support extra web relay. This function is more safety to use DTMF code to remote unlock.

To configure Web Relay settings go to **Phone->Web Relay**

Door Setting

Web Relay

Type Default ▼

IP Address

UserName

Password

Web Relay Action Setting

Action ID	Web Relay Action	Web Relay Key	Web Relay Extension
Action ID 01	<input type="text"/>	<input type="text"/>	<input type="text"/>
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"/>

Type: Connect web relay and choose the type.

IP Address: Enter web relay IP address.

Username: Authentication username for connecting web relay.

Password: Authentication password for connecting web relay.

Notes:

Users can modify username and password in web relay website.

Web Relay Action: Used to trigger the web relay. The action URL is provider by web relay vendor.

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

Web Relay Extension: Web relay can only receive the DTMF from corresponding extension number.

3.3 Network settings

To set XT-10P IP address automatically or manually go to **Network->Basic**

3.3.1 DHCP

XT-10P will get IP address, Subnet Mask, Default Gateway and DNS server address from DHCP server automatically.

3.3.2 Static IP

If selected, you have to set IP address, Subnet Mask, Default Gateway and DNS server manually.

Network-Basic

LAN Port

DHCP

Static IP

IP Address	<input type="text" value="192.168.1.118"/>
Subnet Mask	<input type="text" value="255.255.255.0"/>
Default Gateway	<input type="text" value="192.168.1.1"/>
LAN DNS1	<input type="text" value="192.168.1.1"/>
LAN DNS2	<input type="text"/>

3.4 Call settings

To configure basic call settings, go to **Intercom->Basic**,

3.4.1 No Answer Call

If there is no answer from push button number over 60s (default value), XT-10P will call predefined 'No Answer Call' number.

3.4.2 Push Button

Push Button: To configure the destination number or IP you want to contact with. If you want to call multiple numbers or IP addresses at the same time, set the numbers or the IP addresses in the Number fields (you can set up to 8 numbers or IP addresses).

No Answer Call: To setup no answer call number.

Intercom-Basic

Basic

Select Account

No Answer Call

Push Button

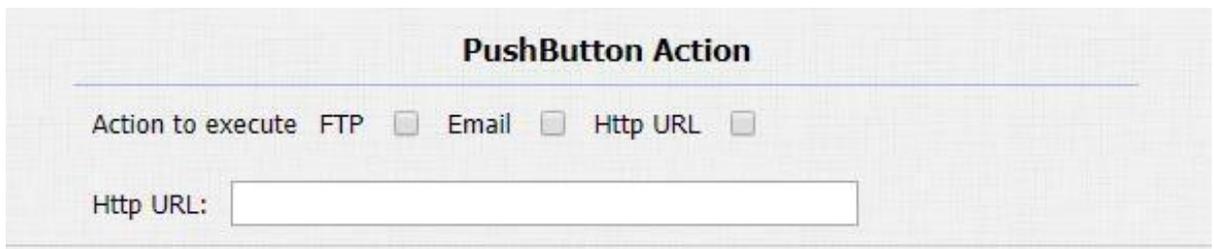
Key	Number1 / 5	Number2 / 6	Number3 / 7	Number4 / 8
Push Button	<input style="width: 100%;" type="text"/>			
	<input style="width: 100%;" type="text"/>			
No Answer Call1	<input style="width: 100%;" type="text"/>			
No Answer Call2	<input style="width: 100%;" type="text"/>			

3.4.3 Push Button Action

This feature is similar with the Input event. Once user make a call, it will execute the action which supports 3 types- FTP, Email and HTTP.

To setup the FTP and Email in **Action** interface (Please refer to chapter 3.14), the FTP server and Email will receive the capture picture when call out.

If you choose HTTP mode, enter the URL format: http://http server IP address/any information such as " http://192.168.35.48/mac=000 ", then you will check this information which capture the network packet.



The screenshot shows a web interface titled "PushButton Action". Below the title, there are three radio buttons for "Action to execute": "FTP", "Email", and "Http URL". The "Http URL" option is selected. Below these options is a text input field labeled "Http URL:".

3.4.4 Web Call

From here you can dial out or hang up the XT-10P intercom call from website.



The screenshot shows a web interface titled "Web Call". Below the title, there is a text input field labeled "Web Call(Ready)", a dropdown menu set to "Auto", and two buttons: "Dial Out" and "Hang Up".

3.4.5 Call time and dial time

A. Max Call Time: To configure max call time for the XT-10P intercom.

B. Max Dial Time

- Dial in Time: When other phone calls to XT-10P, if ring tone is over the Dial in Time without answer. The call will be hang up.
- Dial out Time: When XT-10P call to the other party, if the ringtone is over the Dial out Time without answer. XT-10P will continue to call to no answer call number in order.

Max Call Time	
Max Call Time	5 (2~120Minutes)

Max Dial Time	
Dial In Time	60 (30~120Sec)
Dial Out Time	60 (30~120Sec)

3.4.6 Push To Hang Up

If this option enabled, during an active call when you press XT-10P push button the call will hang up.

Push To Hang Up	
Push To Hang Up	Enabled ▼

3.4.7 Chime Bell

The chime bell is used to amplify the ringtone volume and help users not miss the call.

Chime Bell	
Chime Bell	<div style="border: 1px solid black; padding: 2px;"> Disabled ▼ Disabled RelayA RelayB </div>
TFTP Server	

Choose Relay A or Relay B then when the relay is triggered, the bell will ring with the call established for better sound amplification.

3.4.8 TFTP Server

TFTP Server 1: Set the primary TFTP server in the XT-10P.

TFTP Server 2: Set the secondary TFTP server in the XT-10P.

TFTP Server

TFTP Server 1

TFTP Server 2

3.5 Photoresistor and Tamper Alarm

To configure Photoresistor and Tamper Alarm settings go to **Intercom->Advanced**

Intercom-Advanced

Photoresistor

Photoresistor Setting - (0~100)

Tamper Alarm

Tamper Alarm

Gravity Sensor Threshold (0~127)

Sections	Description
Photoresistor	Photoresistor is used to sense the light intensity that XT-10P will auto enable infrared LED. You can adjust the photosensitive value by yourself.
Tamper Alarm	Enable the Tamper Alarm, if the gravity of XT-10P changes, the phone will alarm. The Threshold value is smaller, the faster the reaction of device.

3.6 LED settings

To configure XT-10P LED settings go to **Intercom->LED Setting**

As shown in the figure below you can control the color and blink mode of five of XT-10P states LED which is normal mode, offline mode, calling mode, talking mode and receiving call mode.

LED Setting			
LED Status			
State	Color Off	Color On	Blink Mode
NORMAL	OFF	Blue	Always On
OFFLINE	OFF	Red	2500/2500
CALLING	OFF	Blue	2500/2500
TALKING	OFF	Green	Always On
RECEIVING	OFF	Green	2500/2500

3.7 Relay

To configure relay settings go to **Intercom->Relay**

Relay

Relay

Relay ID	<input type="text" value="RelayA"/>	<input type="text" value="RelayB"/>
Relay Type	<input type="text" value="Default state"/>	<input type="text" value="Default state"/>
Relay Delay(sec)	<input type="text" value="3"/>	<input type="text" value="3"/>
DTMF Option	<input type="text" value="1 Digit DTMF"/>	
DTMF	<input type="text" value="#"/>	<input type="text" value="#"/>
Multiple DTMF	<input type="text"/>	
Relay Status	RelayA: Low	RelayB: Low

Open Relay via HTTP

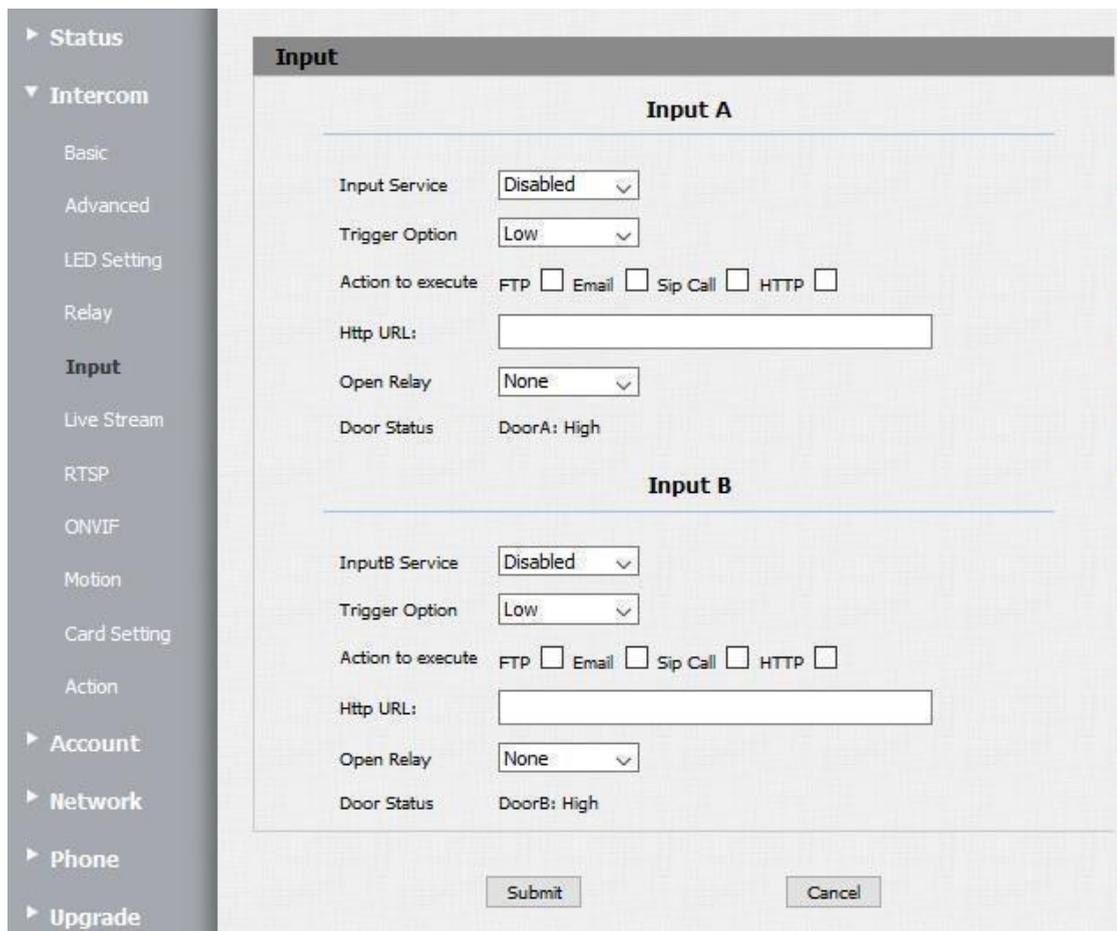
Switch	<input type="text" value="Enabled"/>
UserName	<input type="text" value="admin"/>
Password	<input type="password" value="....."/>

Sections	Description
Relay	To configure some settings about unlock. <ul style="list-style-type: none"> ● Relay ID: XonTel XT-10P support 2 relays. ● Relay Type: Different locks use different relay types, default state or invert state. If you connect the Lock in no connector select default state. Otherwise use invert state. ● Relay Delay(sec): Allows door remain open for certain period from 1 to 10seconds. ● DTMF Option: XonTel XT-10P support 1、2、3、4 digits DTMF unlock code. Please select one type and enter the corresponding code. ● DTMF: Setup 1 digit DTMF code for remote unlock. ● Multiple DTMF: Setup multiple digits DTMF code for remote unlock. ● Relay Status: the status will be changed by the relaystate.

<p>Open Relay via HTTP</p>	<p>User can use a URL to remote unlock the door.</p> <ul style="list-style-type: none"> ● Switch: Enable this function. Enabled by default. ● Username & password: Users can setup the username and password for HTTP unlock. By default username is admin and password is xontel. <p>Default URL format: http://192.168.10.236/fcgi/do?action=OpenDoor&UserName=admin&Password=xontel&DoorNum=1</p> <p>where: 192.168.10.236 is XT-10P IP address. admin is XT-10P username. xontel is XT-10P password.</p>
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3.8 Input

To configure input settings go to **Intercom->Input**.



Sections	Description
Input	<p>Input function is used to open the door from inside.</p> <ul style="list-style-type: none"> ● Input Service: Enable or disable Input function. ● Trigger Option: According to different lock connection to choose different trigger mode. If user connect in normal open contact, select low. If you choose High, please connect in normal close contact. ● Action to execute: Choose one or more ways to receive the action message. ● Http URL: If you tick Http URL, then enter the Http server IP address in the HTTP URL area. When the Input is triggered, it will send HTTP message. URL format: http://http server IP address/any information (such as http://192.168.35.48/mac=000). Then you will check this information which capture the network packet. ● Open Relay: To choose a suitable relay for input connector.

3.9 Live Stream

To check the real-time video of XT-10P go to **Intercom->Live Stream**

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

<http://XT-10P IP address:8080/picture.jpg>



3.10 RTSP

To configure XT-10P RTSP settings go to **Intercom->RTSP**

RTSP

RTSP Basic

RTSP Server Enabled

RTSP Stream

RTSP Audio Enabled

RTSP Video Enabled

RTSP Video Codec H.264 ▼

H.264 Video Parameters

Video Resolution 4CIF ▼

Video Framerate 30 fps ▼

Video Bitrate 2048 kbps ▼

MJPEG Video Parameters

Video Resolution VGA ▼

Video Framerate 30 fps ▼

Video Quality 90 ▼

Submit
Cancel

Sections	Description
RTSP Basic	To activate the RTSP function, then XT-10P can be monitored. The URL for RTSP stream is: rtsp://XT-10P IP address/live/ch00_0
RTSP Stream	To enable RTSP for audio and video and select the video codec. XT-10P supports H264 video codec.
H.264 Video Parameters	H264: A video stream compression standard. Different from H263, it provides an approximately identical level of video stream quality but a half bit rate. This type of compression is sometimes called MPEG-4 part 10. To modify the resolution, frame rate and bitrate of H264.
MJPEG Video Parameters	MJPEG: called Motion Joint Photographic Experts Group. It is a video encoding format in which each image is compressed separately by JPEG. MJPEG compression can produce high quality video image and has a flexible configuration in video definition and compressed frames to modify the resolution.

3.11 ONVIF

XT-10P supports ONVIF protocol, which means XT-10P camera can be searched by other devices, like NVR which supports ONVIF protocol as well.

To configure XT-10P ONVIF settings go to **Intercom->ONVIF**

ONVIF

Basic Setting

Onvif Mode

Discoverable ▼

UserName

admin

Password

•••••

Sections	Description
Basic Setting	<ul style="list-style-type: none"> ● ONVIF Mode: Two modes - Discoverable and Non- Discoverable. Discoverable by default. When Discoverable mode is enabled, then ONVIF software can search XT-10P. Switching Onvif Mode to Non-discoverable means that user must program Onvif's URL manually. The Onvif's URL is: http://XT-10P IP address:8090/onvif/device_service ● User Name: To modify the user name you need. admin by default. ● Password: To modify the password you want. xontel by default. <p>Note: User name and password is used for authentication.</p>

3.12 Motion

To configure motion detection settings in XT-10P go to **Intercom->Motion**

Motion Detection

Motion Detection Options

Motion Detection

Motion Delay (0~120 Sec)

Action to execute

Action to execute FTP Email Sip Call HTTP

Http URL:

Motion Detect Time Setting

Mon Tue Wed Thur

Fri Sat Sun Check All

HH : MM - HH : MM

Sections	Description
Motion Detection	Motion detection is used to record the change of the surrounding environment. <ul style="list-style-type: none"> ● Motion Detection Options: Enable to active this function. ● Action to execute: Select a suitable way to receive the motion detection information (FTP, Email, SIP Call and HTTP). To setup FTP, Email and SIP call notifications, please refer to chapter 3.14 .
Motion Detect Time Setting	Here you can set the time for XonTel XT-10P motion detection setting.

3.13 Card settings

To manage card access system go to **Intercom -> Card setting**

Card Setting

Import/Export Card Data(.xml)

No file selected.

Card Status

Card Status
 ▾

Card Setting

IC Key DoorNum ▾

IC Key Name

IC Key Code

3.13.1 Import / Export Card Data

XT-10P supports import or Export the card data file, which is convenient for administrator to deal with a large number of cards.

3.13.2 Obtain and Add Card

- ① Switch **Card Status** to '**Card Issuing**' and click '**Apply**'.
- ② Place card on the card reader area and click '**Obtain**'.
- ③ Name card and choose which door you want to open.
- ④ Click 'Add' to add it into list.

3.13.3 Door card Management

Valid card information will be shown in the list. Administrator could delete one card's access permission or empty all the list.

Index	Name	Code	Door	<input type="checkbox"/>
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

3.14 Action

To configure Email, FTP and SIP call notification settings in XT-10P go to **Intercom -> Action**

- ▶ Status
- ▼ Intercom
 - Basic
 - Advanced
 - LED Setting
 - Relay
 - Input
 - Live Stream
 - RTSP
 - ONVIF
 - Motion
 - Card Setting
 - Action**
- ▶ Account
- ▶ Network
- ▶ Phone
- ▶ Upgrade
- ▶ Security

Action

Email Notification

Sender's email address	<input style="width: 90%;" type="text"/>
Receiver's email address	<input style="width: 90%;" type="text"/>
SMTP server address	<input style="width: 90%;" type="text"/>
SMTP user name	<input style="width: 90%;" type="text"/>
SMTP password	<input style="width: 90%;" type="password"/>
Email subject	<input style="width: 90%;" type="text"/>
Email content	<div style="border: 1px solid #ccc; height: 40px; width: 100%;"></div>
Email Test	<input type="button" value="Test Email"/>

FTP Notification

FTP Server	<input style="width: 90%;" type="text"/>
FTP User Name	<input style="width: 90%;" type="text"/>
FTP Password	<input style="width: 90%;" type="password"/>
FTP Test	<input type="button" value="Test FTP"/>

SIP Call Notification

SIP Call Number	<input style="width: 90%;" type="text"/>
SIP Caller Name	<input style="width: 90%;" type="text"/>

Sections	Description
Email Notification	<ul style="list-style-type: none"> • Sender Email Address: Input the senderEmail address. • Receiver Email Address: set the receiver email address. • SMTP Server Address: Enter the SMTP server format. • SMTP User name: Enter the SMTP Username (sender Email address). • SMTP password: Enter the sender Email password. • Email Subject: Enter the subject name. • Email content: Enter the content name. • Email test: Click test to make sure the parameters you enter is right.
FTP Notification	<ul style="list-style-type: none"> • FTP Server: Enter the FTP server address. • FTP User Name: Enter the FTP server username. • FTP Password: Enter the corresponding FTP server password. • FTP test: Click test to make sure the parameters you enter is right.
SIP Call Notification	When you enable SIP Call function of motion. Enter the number and name in the corresponding area. When the motion is triggered, the device will call out the number automatically.

3.15 Account settings

3.15.1 Basic

To configure XT-10P basic account settings go to **Account -> Basic**,

Account-Basic

SIP Account

Status	Disabled	
Account	Account 1 ▼	
Account Active	Disabled ▼	
Display Label	<input type="text"/>	
Display Name	<input type="text"/>	
Register Name	<input type="text"/>	
User Name	<input type="text"/>	
Password	<input type="password" value="....."/>	

SIP Server 1

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

SIP Server 2

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

Outbound Proxy Server

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

Transport Type

Transport Type	<input style="width: 100%;" type="text" value="UDP"/>		
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NAT

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

Sections	Description
SIP Account	To display and configure the specific Account settings. <ul style="list-style-type: none"> ● Status: To display register status. ● Account: XT-10P support two SIP accounts. Select the SIP account that you want to configure. ● Account Active: Enable or disable the SIP account. ● Display Name: Which is sent to the other call party for display. ● Register Name: Allocated by SIP server provider, used for authentication. ● User Name: Allocated by your SIP server provide, used for authentication. ● Password: Used for authorization.
SIP Server 1	To display and configure Primary SIP server settings. <ul style="list-style-type: none"> ● Server IP: SIP server address, it could be an URL or IP address. ● Registration Period: The registration will expire after registration period, the XT-10P will re-register automatically within registration period.
SIP Server 2	To display and configure Secondary SIP server settings. This is for redundancy, if registering to Primary SIP server fails, the XT-10P will go to Secondary SIP server for registering. Note: Secondary SIP server is used for redundancy, it can be left blank if there is not redundancy SIP server in user's environment.
Outbound Proxy Server	To display and configure Outbound Proxy server settings. An outbound proxy server is used to receive all initiating request messages and route them to the designated SIP server. Note: If configured, all SIP request messages from the XT-10P will be sent to the outbound proxy server forcefully.
Transport Type	To display and configure Transport type for SIP message <ul style="list-style-type: none"> ● 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: A DNS RR for specifying the location of services.
NAT	To display and configure NAT (Net Address Translator) settings. <ul style="list-style-type: none"> ● STUN: Short for Simple Traversal of UDP over NATS, a solution to solve NAT issues. Note: By default, NAT is disabled.

3.15.2 Advanced

To configure XT-10P advanced account settings go to **Account -> Advanced**

Account-Advanced

SIP Account

Account: Account 1

Codecs

Disabled Codecs

Enabled Codecs

PCMU
 PCMA
 G729
 G722

>>
<<
↑
↓

Video Codec

Codec Name: H264

Codec Resolution: 4CIF

Codec Bitrate: 2048

Codec Payload: 104

DTMF

Type: RFC2833

How To Notify DTMF: Disabled

DTMF Payload: 101 (96~127)

Call

Max Local SIP Port: 5062 (1024~65535)

Min Local SIP Port: 5062 (1024~65535)

Caller ID Header: FROM

Auto Answer: Enabled

Anonymous Call: Disabled

Anonymous Call Rejection: Disabled

Missed Call Log: Enabled

Prevent SIP Hacking: Disabled

Session Timer

Active: Disabled

Session Expire: 1800 (90~7200s)

Session Refresher: UAC

Encryption

Voice Encryption(SRTP): Disabled

NAT

UDP Keep Alive Messages: Disabled

UDP Alive Msg Interval: 30 (5~60s)

RPort: Disabled

User Agent

User Agent:

Sections	Description
SIP Account	To display current Account settings or to select which account to display.
Codecs	To display and configure available/unavailable codecs list. Codec means coder- decoder which is used to transfer analog signal to digital signal or vice versa. Familiar codecs are PCMU (G711U), PCMA (G711A), G722 and G729.
Video Codec	To configure the video quality. <ul style="list-style-type: none"> ● Codec Name: The default video codec is H264. ● Codec Resolution: It can support QCIF, CIF, VGA, 4CIF and 720P. ● Codec Bitrate: The lowest bitrate is 128, the highest bit rate is 2048. ● Codec payload: From 90-119.
DTMF	To display and configure DTMF settings. <ul style="list-style-type: none"> ● Type: Support Inband, Info, RFC2833 or their combination. ● How To Notify DTMF: Only available when DTMF type is Info. ● DTMF Payload: To configure payload type for DTMF. <p>Note: By default, DTMF type is RFC2833 which is the standard. Type Inband uses inband frequency to indicate DTMF tone which is most used to be compatible to traditional telephone server. Type Info use SIP Info message to indicate DTMF message.</p>
Call	To display and configure call-related features. <ul style="list-style-type: none"> ● Max Local SIP Port: To Configure maximum local sip port for designated account. ● Min Local SIP Port: To Configure minimum local sip port for designated account. ● Caller ID Header: To configure which caller ID format to fetch for displaying on Phone UI. ● Auto Answer: If enabled, XT-10P will be auto-answered when there is an incoming call for designated account. ● Anonymous Call: If enabled, all outgoing call for the designated account will be anonymous number. ● Anonymous Call Rejection: If enabled, all incoming anonymous-out call for the designated account will be rejected. ● Missed Call Log: To display the miss call log. ● Prevent SIP Hacking: Enable to prevent SIP from hacking.

Session Timer	<p>To display or configure session timer settings.</p> <ul style="list-style-type: none"> ● Active: To enable or disable this feature, If enable, the ongoing call will be disconnected automatically once the session expired unless it's been refreshed by UAC or UAS. ● Session Expire: Configure session expire time. ● Session Refresher: To configure who should be response for refreshing a session. <p>Note: UAC means User Agent Client, here stands for XT-10P. UAS means User Agent Server, here stands for SIP server.</p>
Encryption	<p>To enable or disabled SRTP feature.</p> <ul style="list-style-type: none"> ● Voice Encryption (SRTP): If enabled, all audio signal (technically speaking its RTP streams) will be encrypted for more security.
NAT	<p>To display NAT-related settings.</p> <ul style="list-style-type: none"> ● UDP Keep Alive message: If enabled, XT-10P 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.
User Agent	<p>One can customize User Agent field in the SIP message; If user agent is set to specific value, user could see the information from XT-10P packet capture. If user agent is not set by default, user could see the company name, model number and firmware version from the packet capture.</p>

3.16 Upgrade

3.16.1 Basic

In XT-10P web page go to **Upgrade -> Basic**

Upgrade-Basic

Firmware Version	20.223.1.216
Hardware Version	20.0.0.0.0.0.0.0
Upgrade	<input type="button" value="Choose File"/> No File Chosen <input type="button" value="Submit"/> <input type="button" value="Cancel"/>
Reset To Factory Setting	<input type="button" value="Submit"/>
Reboot	<input type="button" value="Submit"/>

Sections	Description
Firmware version	To display firmware version, firmware version starts with model name.
Hardware Version	To display Hardware version.
Upgrade	To select upgrading zip file from local or a remote server automatically. Note: Please make sure it's right file format for right model.
Reset to Factory Setting	To reset XT-10P settings to factory settings.
Reboot	To reboot XT-10P remotely from Web UI.

3.16.2 Advanced

In XT-10P web page go to **Upgrade -> Advanced**.

Upgrade-Advanced

System Log

LogLevel: 3

Export Log: Export

PCAP

PCAP: Start Stop Export

PCAP Auto Refresh: Disabled

Others

Config File(.tgz/.conf/.cfg): Browse... No file selected.

Export (Encrypted) Import Cancel

Sections	Description
System Log	To display system log level and export system log file. <ul style="list-style-type: none"> ● System log level: From level 0 to 7. The higher level means the more specific system log is saved to a temporary file. By default, it's level 3. ● Export Log: Click to export temporary system log file to local PC.
PCAP	To make Packet capture for XT-10P Intercom. <ul style="list-style-type: none"> ● If you want to start packet capture in XT-10P press "Start". ● If you want to finish packet capture in XT-10P press "Stop" ● If you want to download XT-10P packet capture file press "Export" ● PCAP Auto Refresh: To enable or disable the packet capture auto refresh.
Others	Export or import your XT-10P configuration file.

3.17 Security

3.17.1 Basic

To change XT-10P web login password and configure web login session timeout go to **Security -> Basic**

Security-Basic

Web Password Modify

User Name

Current Password

New Password

Confirm Password

admin ▾

Session Time Out

Session Time Out Value

(60~14400s)

Sections	Description
Web Password Modify	To modify user's password. <ul style="list-style-type: none"> ● Current Password: The current password that you used. ● New Password: Input new password you intend to use. ● Confirm Password: Repeat the new password
Session Time Out	To set a time out value for XT-10P web login. <ul style="list-style-type: none"> ● Session Time Out Value: Enter a timeout value in seconds for XT-10P web login session.