

# Akuvox: Unlock the Door via HTTP Command

HTTP command enables users to open doors remotely by tapping unlock buttons on Akuvox indoor monitors' talking, call previewing, and monitoring screens.

All Akuvox intercom devices support this feature. This article uses the door phone R29 and indoor monitor C313 as examples.

## Set up the Door Phone

1. Use the device IP to log into the device's web interface. The default username and password are both admin.
2. Navigate to the **Intercom > Relay > Open Relay via HTTP** interface.
3. Tick the **Enabled** box and customize the username and password for authentication. You can also leave them blank for no authentication.
4. Keep **Session Check** disabled. It is used for network security limitations. Enabling it may lead to door-opening failure.

### Open Relay Via HTTP

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

## Set up the Indoor Monitor

1. Use the device IP to log into the device's web interface. The default username and password are both admin.
2. Navigate to the **Phone > Relay > Remote Relay By HTTP or HTTPS** interface.
3. Enter the IP or SIP number of the door phone.
4. Specify the HTTP URL format and enter the command. Please note that the HTTP format is affected by **High Security Mode**.
  - Check the next section to learn how to check if your device supports and has high security mode enabled.
  - Check the next section to view which HTTP command format you should choose.

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5. Enter the username and password if you have set them in the door phone.

### Remote Relay By HTTP or HTTPS

Index	IP/SIP	URL	UserName
<input type="checkbox"/> 1	192.168.36.119	http://192.168.36.119/fcgi/OpenDoor?action=OpenDoor&DoorNum=1	admin
<input type="checkbox"/> 2	192.168.36.118	http://admin:admin@192.168.36.118/fcgi/OpenDoor?action=OpenDoor&DoorNum=1	
<input type="checkbox"/> 3			
<input type="checkbox"/> 4			
<input type="checkbox"/> 5			

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IP/SIP  URL   
 UserName  Password

6. Click **+Add** to save the configuration.

### Check High Security Mode

Devices with high security mode enabled only support new HTTP formats, enhancing data transmission security.

You should verify if the device firmware supports high security mode and if the mode is activated.

1. Go to **Status > Basic > Product Information**. If the third section of the version number is or bigger than **10**, the device is in the firmware version with high security mode.

Status		Status	
<b>Product Information</b>			
Model	R29S	MAC Address	88:11:11:11:11:11
Firmware Version	29.30.10.15	Hardware Version	29.3.4
Location	CARACA	Uptime	02:11:15

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- Go to **Security > Basic > High Security Mode** to see whether the mode is turned on.

### High Security Mode

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Enabled

### Specify the HTTP Command Format

- If the device firmware does not support high security mode, only the old format is available:

*http://{deviceIP}/fcgi/do?action=OpenDoor&UserName={username}&Password={password}&DoorNum=1*

### Example:

*http://192.168.36.111/fcgi/do?action=OpenDoor&UserName=admin&Password=admin&DoorNum=1*

- If the high security mode is enabled, the device only supports the following two formats.
  - Option 1:** *http://{username}:{password}@{deviceIP}/fcgi/OpenDoor?action=OpenDoor&DoorNum=1*
  - Option 2:** *http://{deviceIP}/fcgi/OpenDoor?action=OpenDoor&DoorNum=1*

Use **Option 2** when you did not set the username and password for authentication in the door phone.

- If the high security mode is off, the device supports all the above three formats.

### ***Tip***

- DoorNum** indicates which relay to trigger:
  - Relay A: DoorNum = 1
  - Relay B: DoorNum = 2
- To trigger the security relay(Akuvox SR01), use the following commands:
  - SA: Security Relay A; SB: Security Relay B

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- With high security mode enabled:
  - `http://{username}:{password}@{deviceIP}/fcgi/OpenDoor?action=OpenDoor&DoorNum=SA/SB`
  - `http://{deviceIP}/fcgi/OpenDoor?action=OpenDoor&DoorNum=SA/SB`
- With high security mode disabled:
  - You can use the above two formats plus the old format:
  - `http://{deviceIP}/fcgi/do?action=OpenDoor&UserName={username}&Password={password}&DoorNum=SA/SB`

### Set up Unlock Buttons

After the HTTP command is configured, set up unlock buttons on the desired screen of the indoor monitor.

#### Open Doors on Talking Screen

1. Navigate to **Phone > Relay > Key Setting > Softkey in Talking Page** section.
2. Enable the desired key and select Remote Relay By HTTP or HTTPS in the Type field.
3. Name the unlock button in the Label field to distinguish it from other buttons.

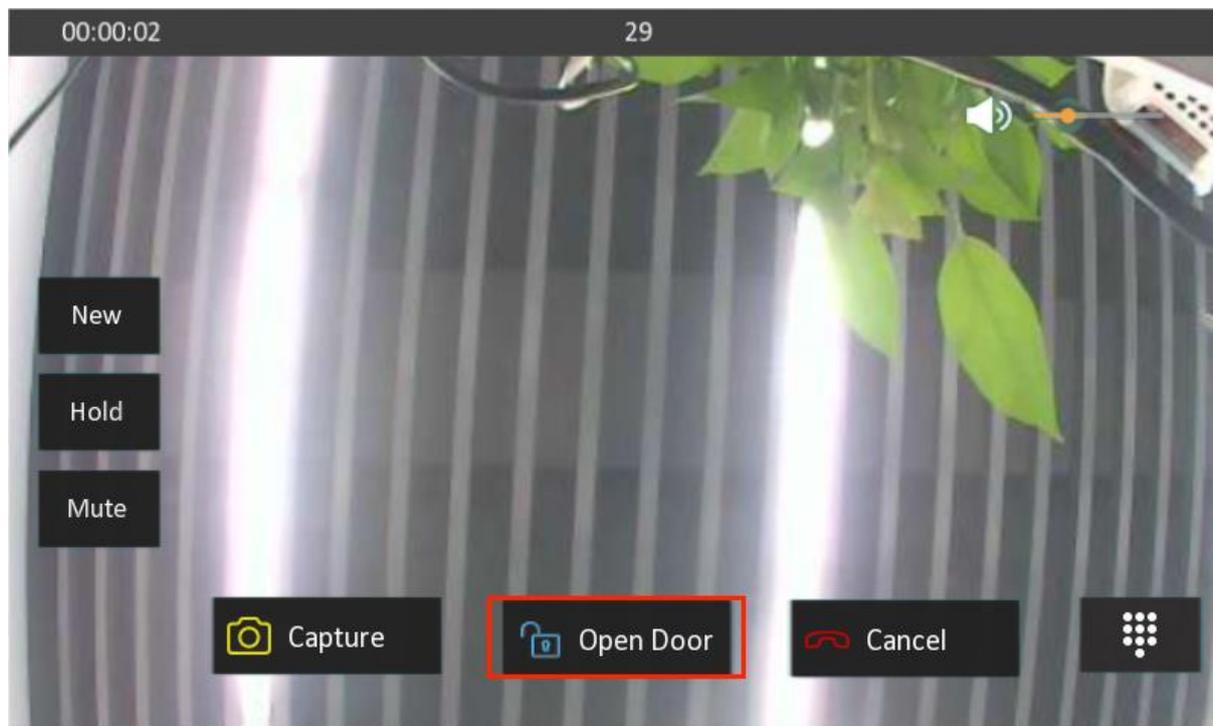
After configuration, users can tap the button to open the door.

#### Key Setting

Softkey In Talking Page

Key	Status	Label	Type
Key1	Disabled ▼		Local Relay ▼
Key2	Enabled ▼	Open Door	Remote Relay By H.. ▼
Key3	Disabled ▼	Unlock3	Remote Relay By D.. ▼
Key4	Disabled ▼	Unlock4	Remote Relay By D.. ▼
Key5	Disabled ▼	Unlock5	Remote Relay By D.. ▼

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### Open Doors on Monitor Screen

#### Note

If it's a Local Setup, make sure the monitoring feature is configured. You can refer to the video [See the Video Stream from Akuvox Door Phone](#). For Cloud setups you don't need to set the video stream settings.

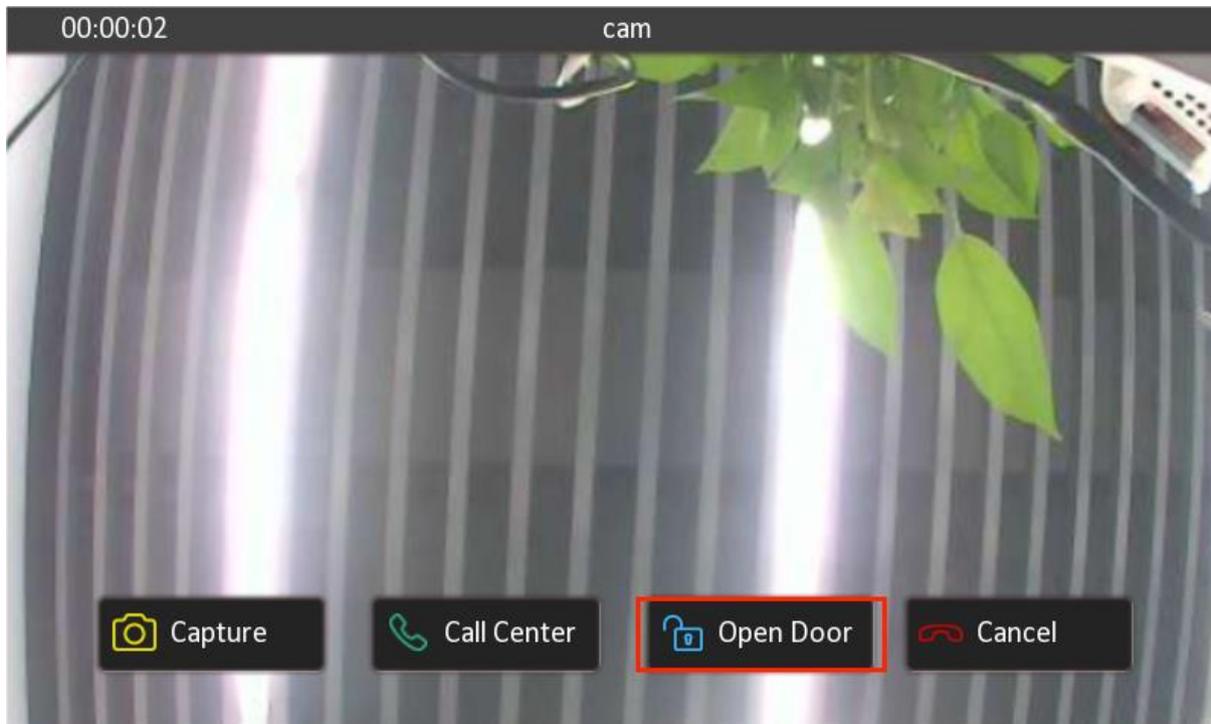
1. Navigate to **Phone > Relay > Key Setting > Softkey In Monitor Page** section.
2. Enable the desired key and select Remote Relay By HTTP or HTTPS in the Type field.
3. Name the unlock button in the Label field to distinguish it from other buttons.

After configuration, users can tap the button to open the door.

Softkey In Monitor Page

Key	Status	Label	Type
Key	Enabled ▼	Open Door	Remote Relay By H... ▼

## Akuvox: Unlock the Door via HTTP Command



### Open Doors on Call Preview Screen

#### Note

If it's a Local Setup, make sure the video stream from the door phone for preview is configured. You can refer to the video [See the Video Stream from Akuvox Door Phone](#). For Cloud setups you don't need to set the video stream settings.

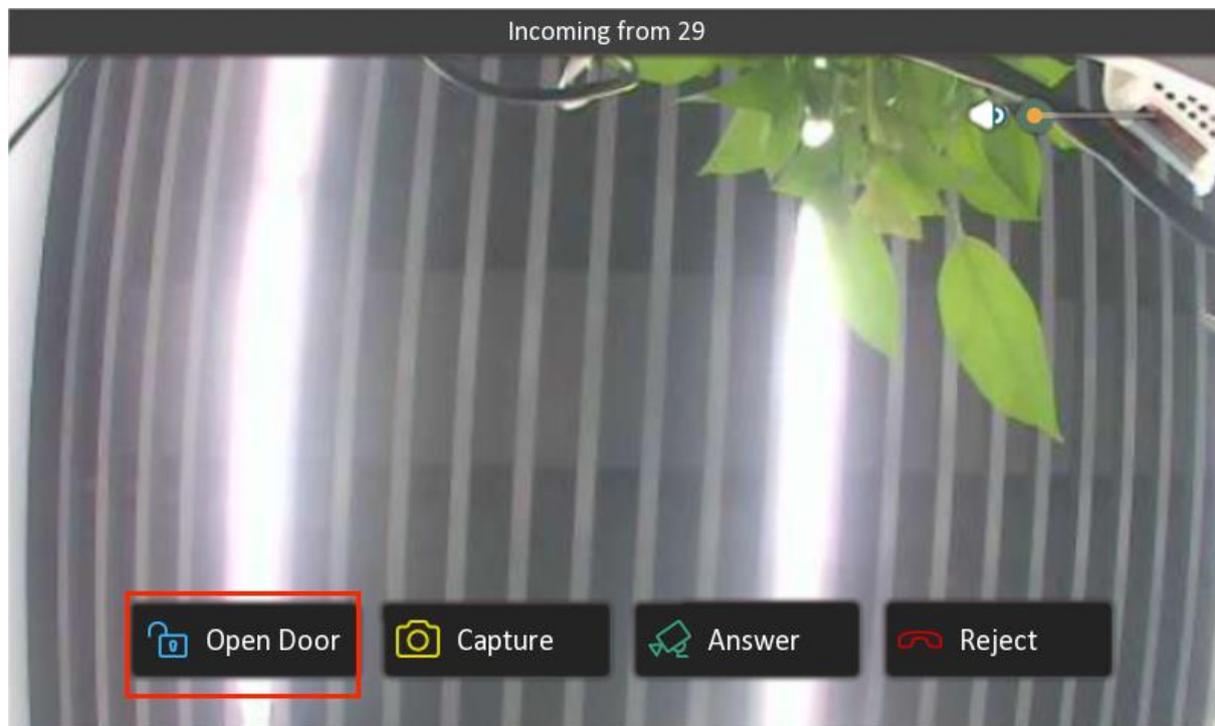
1. Navigate to **Phone > Relay > Key Setting > Softkey In Call-Preview Page** section.
2. Enable the desired key and select Remote Relay By HTTP or HTTPS in the Type field.
3. Name the unlock button in the Label field to distinguish it from other buttons.

After configuration, users can tap the button to open the door.

Softkey In Call-Preview Page

Key	Status	Label	Type
Key	Enabled ▼	Open Door	Remote Relay By H.. ▼

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