SYSTEM REQUIREMENTS

- DoorBird IP Video Door Station D10x/D11x/D21x Series.
- ampio M-SERV-MINI-S

ADDITIONAL INFORMATION

The following guide will help you set up a DoorBird IP Video Door Station in connection with the ampio device. Please ensure the ampio device receives an IP address and is connected to the same local network as your DoorBird IP Video Door Station. Please also make sure your DoorBird is online using this service: https://www.doorbird.com/checkonline.

The local IP address of your DoorBird is available from the same page.

- You can make a SIP call from an Ampio device (via the Ampio app) to DoorBird.
- You can get notifications upon doorbell events in the Ampio UNI app and perform actions, e.g., Buzzer ring /turn on flashlights.
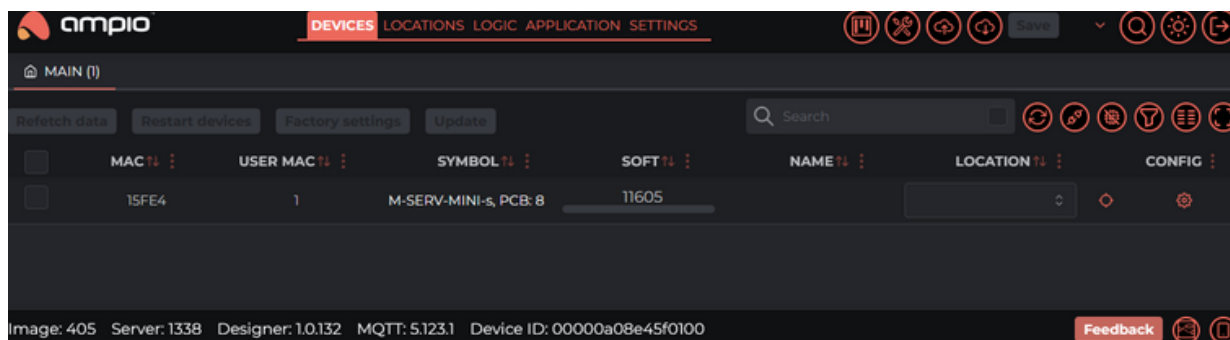
1. SETTING UP THE AMPIO DEVICE

1.1 Connect the ampio Device to the power supply, local network.

1.2 Create an account at https://designer.ampio.com/login to download the ampio designer software.

1.3 Enter the IP address of ampio device on the browser and click on connect .

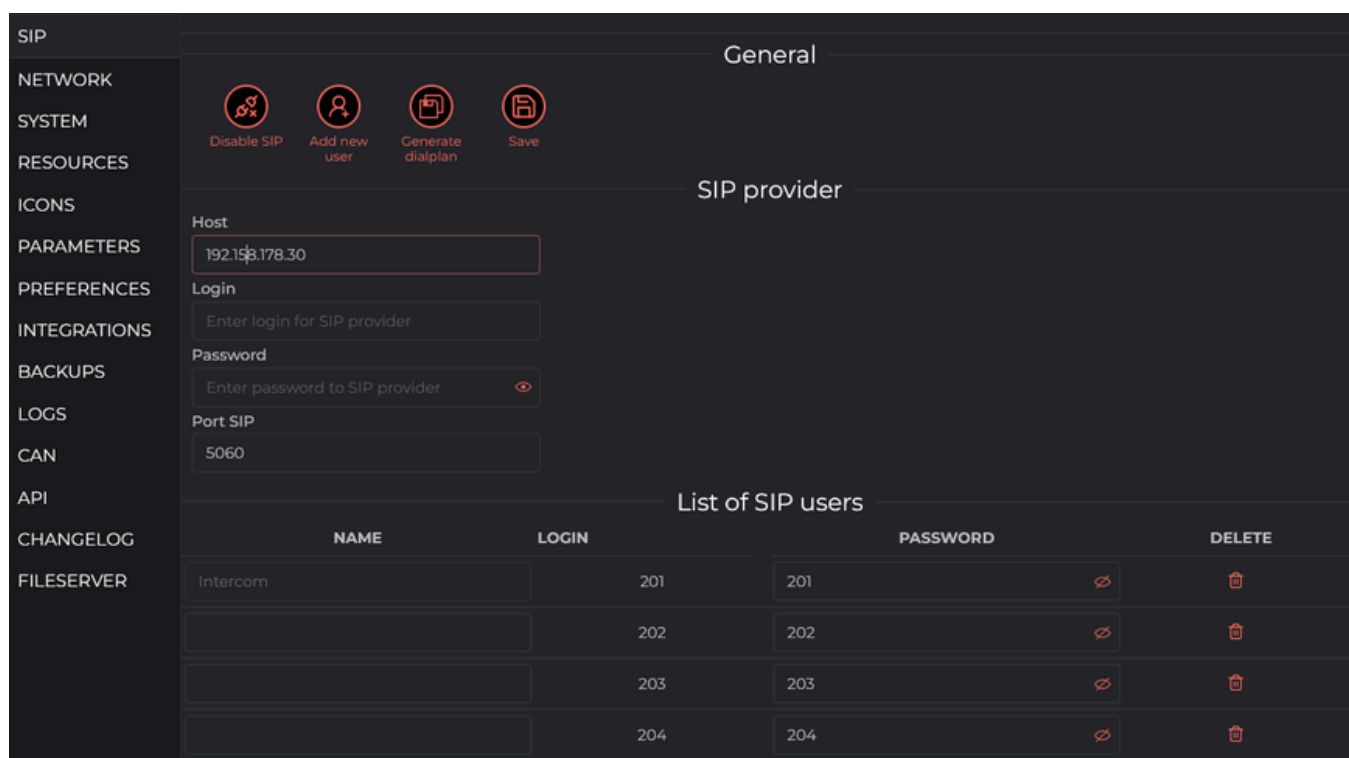1.4 The Ampio device will be on the list.
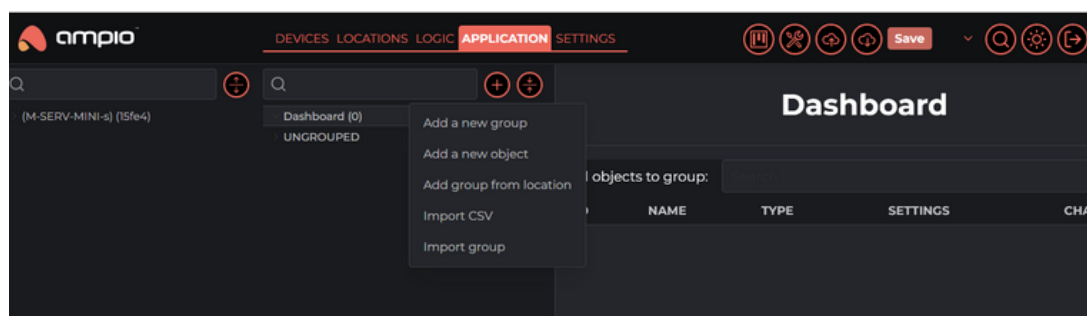

1.5 Go to Settings --> Click on SIP.
   Enter the IP address of ampio device and SIP port.
   In the List of SIP users -->Use one of the SIP users to DoorBird and another to Ampio device along with the associated password.
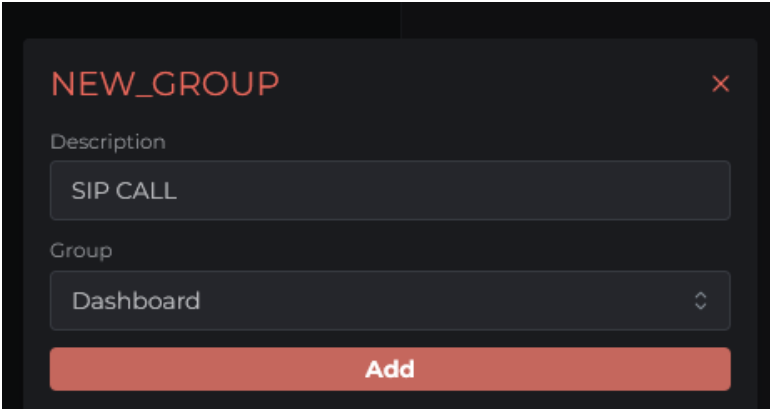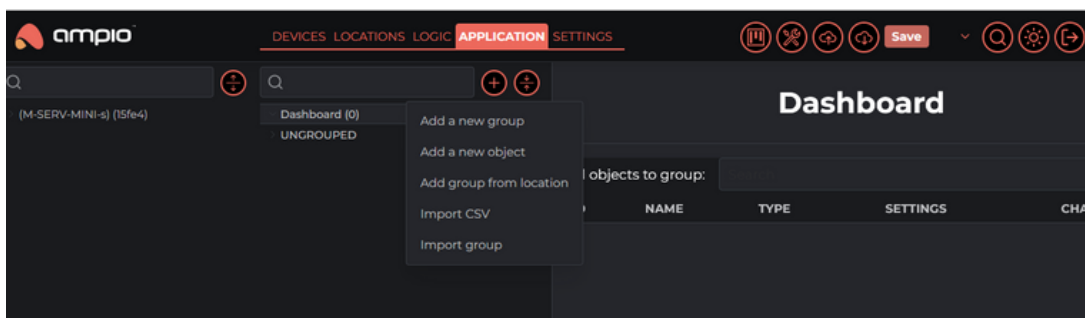   Save the SIP Settings.

1.6 Go to Applications --> Click on "+" Symbol --> Add a new group.
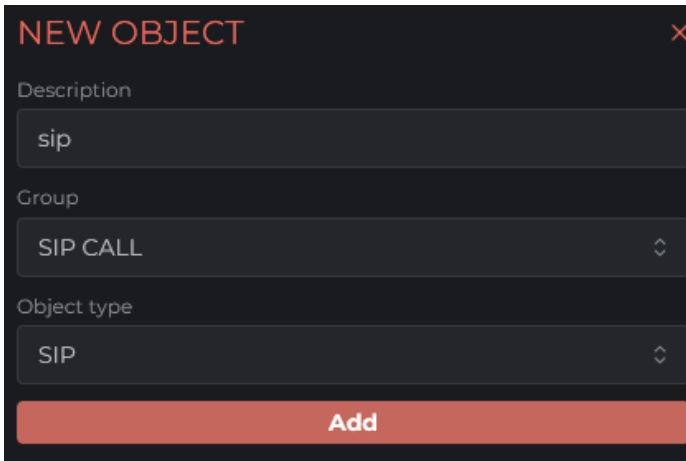
1.7 Enter the Description for the new group and Click on "Add".

1.8 Add SIP function as object. Click on Search menu to add the object .
       Similar to step 1.6

1.9 Enter Description, Select Group -->SIP CALL ,Object type -->SIP, Subtype -->flag, Click on Add.

1.10 Enter the details in the sip object -->General settings.

1.11 Enter in GENERAL SETTINGS
    SIP account --> ampio_sipuser@ampio_Device_IP_address
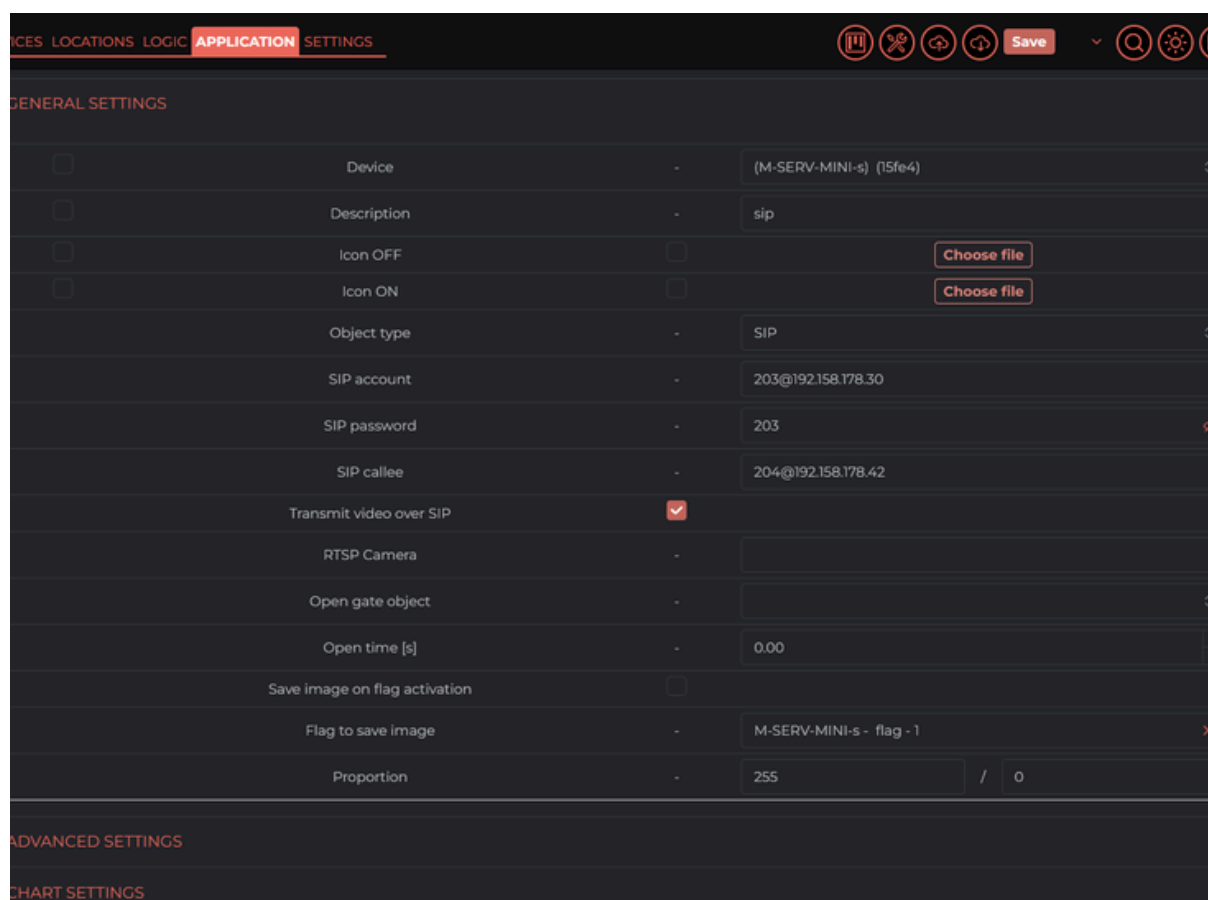   , e.g., --> 203@192.158.178.30 (203 sip user is dedicated to ampio device).
    Enter the SIP password associated with ampio sip user(from step 1.5)

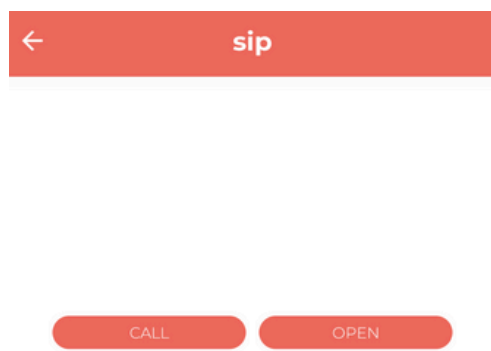   Enter SIP callee -->DoorBird_sipuser@DoorBird_IP_address
    , e.g., -->204@192.158.178.42, (204 sip user is dedicated to DoorBird device).

    Enter RTSP Camera : rtsp://user0001:password@DoorBird_ip_address/mpeg/media.amp
    Save the Settings.

1.12 Open ampio device app and you can see sip call object.
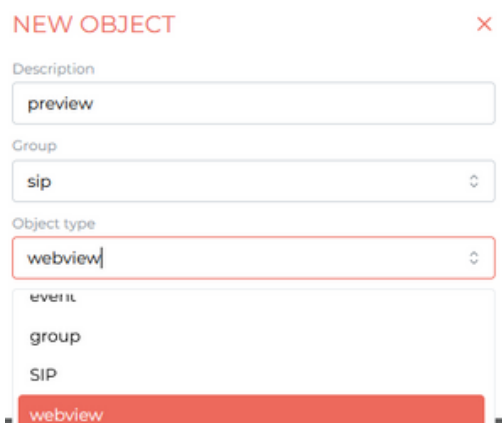
2. ADD WEBVIEW TO GET STREAM

2.1 Add a new object -->Enter Description -->preview.
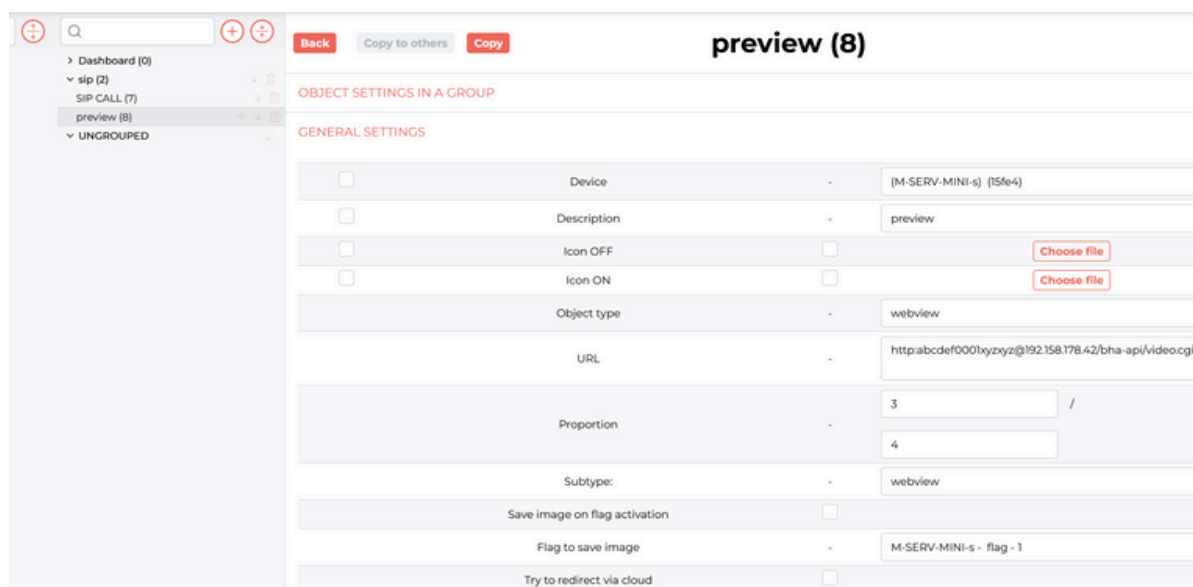   Select Group --> SIP
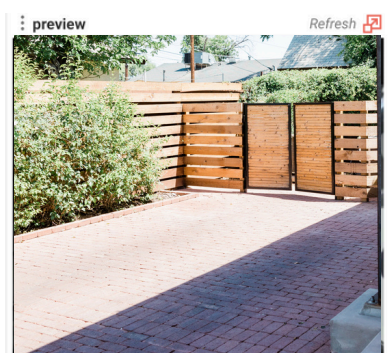   Object type --> webview
        Subtype -->webview

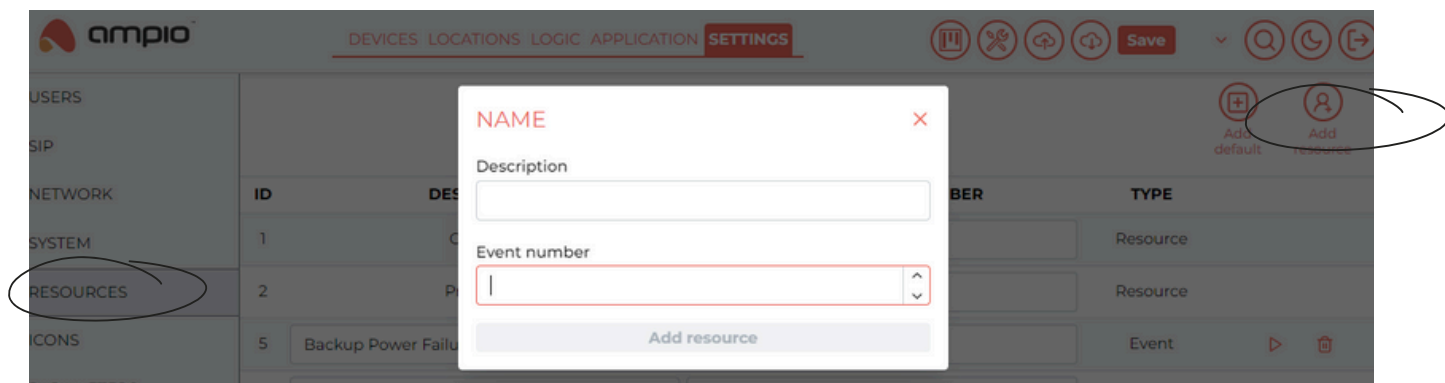2.2 Enter URL: http://user0001:password@DoorBird_IP_address/bha-api/video.cgi

2.3 Save the Settings. This will display a live stream from DoorBird camera in the ampio UNI app.

3. CREATE AN AUTOMATION TO GET PUSH NOTIFICATIONS IN AMPIO UNI APP

3.1 Go to Settings -->Resources --> Click on Add resource.
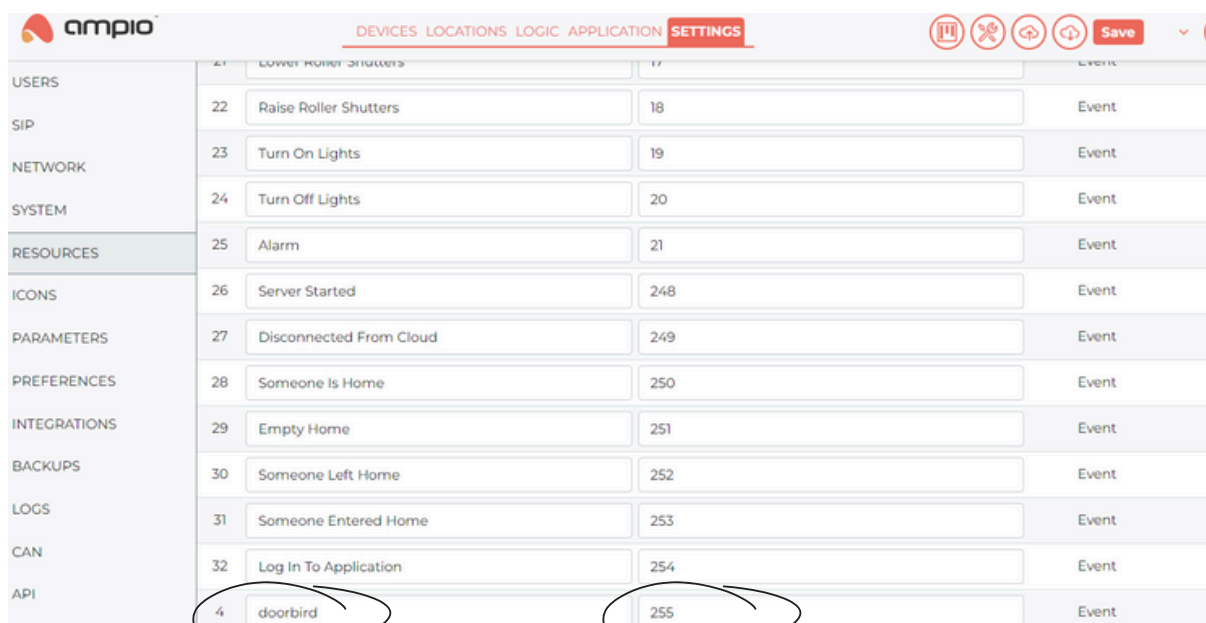   Enter Description, Select Event Number 255.

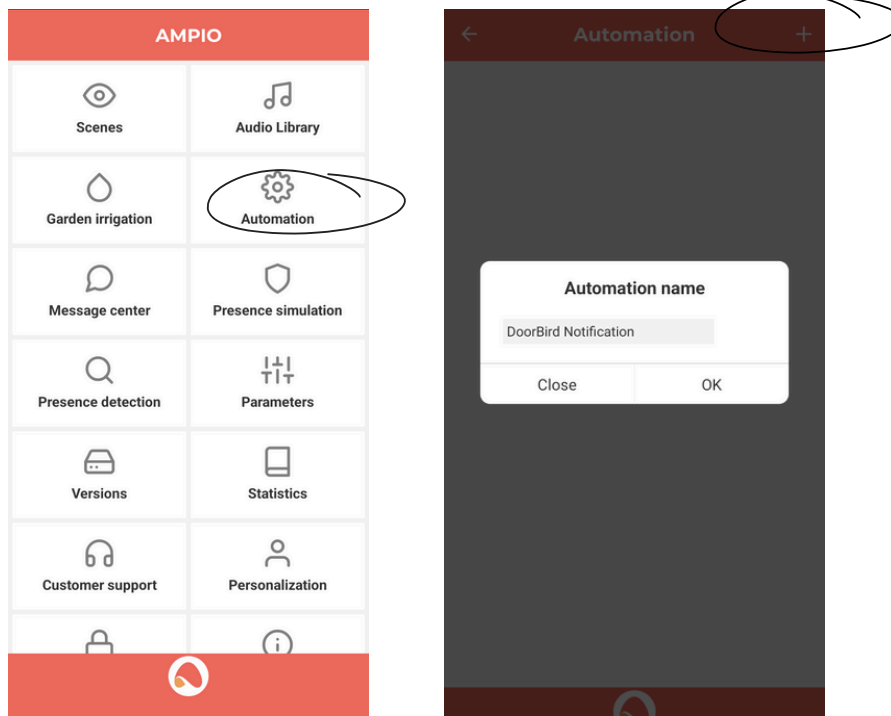3.2 The Created event will be displayed in the list along with other default events.

3.3 Open the ampio UNI app --> Go to Automation -->Click on "+" Symbol to add new automation. Enter Description and Click on OK
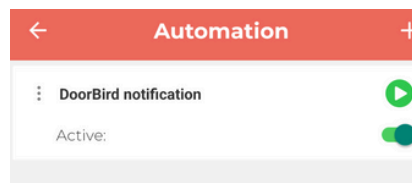

3.4 Select Conditions --> Click on "+" symbol on corner to Add Condition, Select Type -->Event, Event name -->doorbird (Created in Step 3.1).
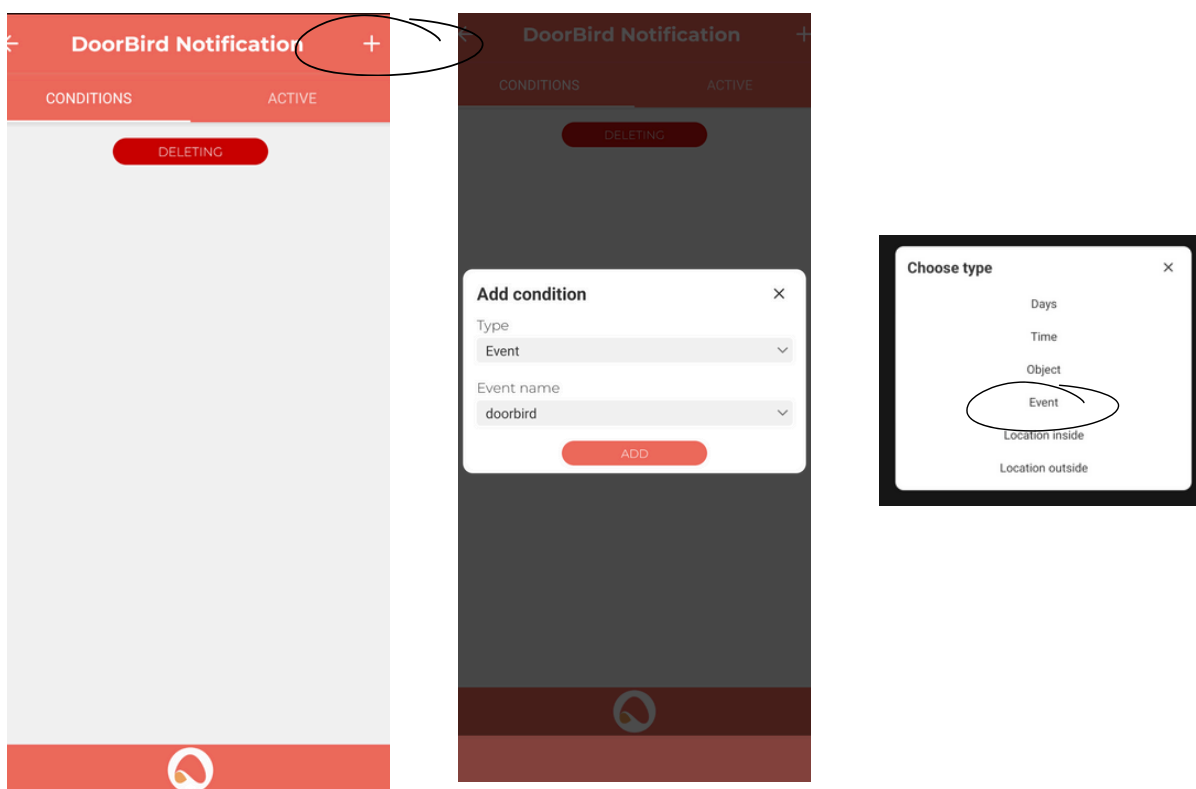
3.5 Select Active --> Click on "+" symbol on corner to Add action, Select Type -->Push, Enter text message and Select Send to ampio user email id.
Save the DoorBird Notification.
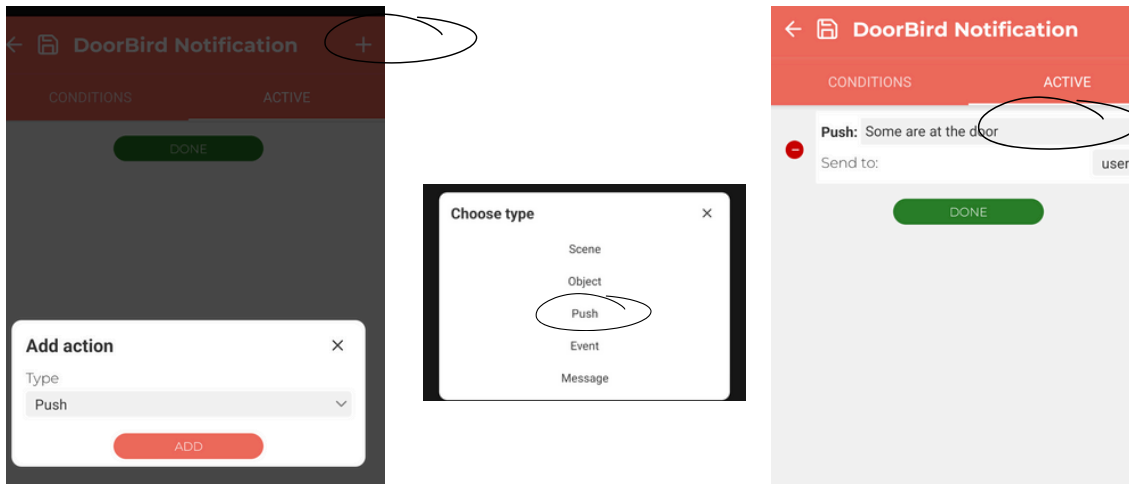
**3.6** The Automation will be listed and Enable active .

3.7 Enter the URL below on the browser to create an automatic HTTP request in the DoorBird app.
Replace user0001:password with DoorBIrd user1 credentials and 255 -->Event Number (Step 3.1)

http://user0001:password:@DoorBird_IP_Address/bha-api/notification.cgi?
url=http://Ampio_device_IP_Address:8060/api/setEvent/**255**&event=doorbell&subscribe=1&user=ampio_user_email_id&password=ampio_user_password


test this URL in the browser for OK response
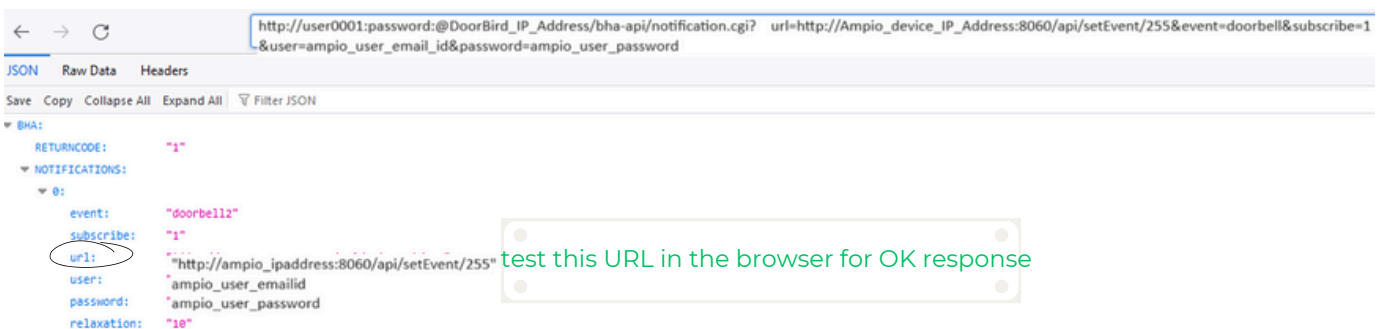
Note: Enter above generated URL again in the browser authenticate with ampio username and password, the response OK will be received
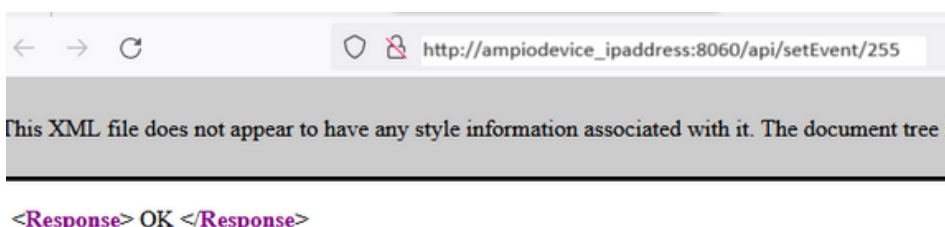
4. SETTING UP THE DOORBIRD IP VIDEO DOOR STATION

For the DoorBird IP Video Door Station to properly communicate with the ampio device, the DoorBird device's SIP settings must be adjusted accordingly.

4.1 Open the DoorBird App and log into the administration area under "Settings → Administration" using your administrator username and password credentials from the "DIGITAL PASSPORT" document that was shipped with DoorBird IP Video Door Station.
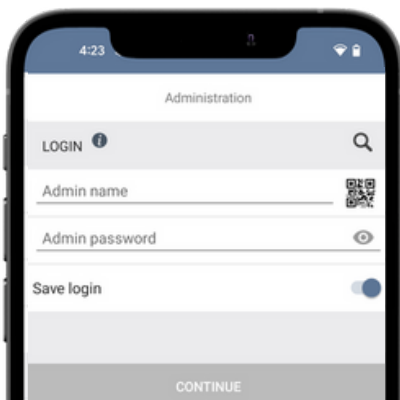
4.2 Choose "SIP Settings" from the menu, Enable the "SIP activated," and Enter SIP User --> IP address of Ampio device, SIP User, and Password assigned for DoorBird(Step 1.5).
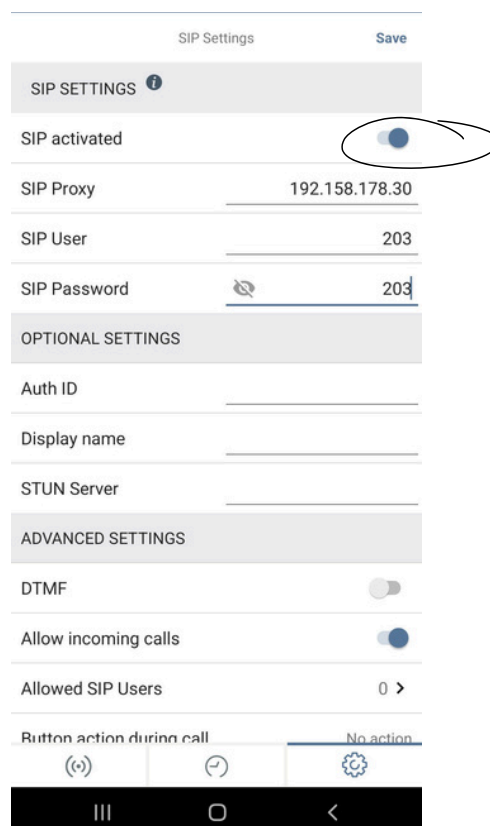
4.3 In the Advance Settings Enable Allow Incoming Calls. Add the ampio device IP address. Save the SIP Settings.

Note: You can call from ampio UNI app to DoorBird device.

4.4 Go back to the main administration area and tap on HTTP(S) Calls after adding automation in ampio UNI app . Automatically the HTTP request is created to get notification in the ampio UNI app upon DoorBell event(step 3.7).

DoorBird
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To forward calls from the DoorBird IP Video Door Station to the integration, a schedule for ring events needs to be set up. Depending on the model of the DoorBird IP Video Door Station, choose one of the following options:

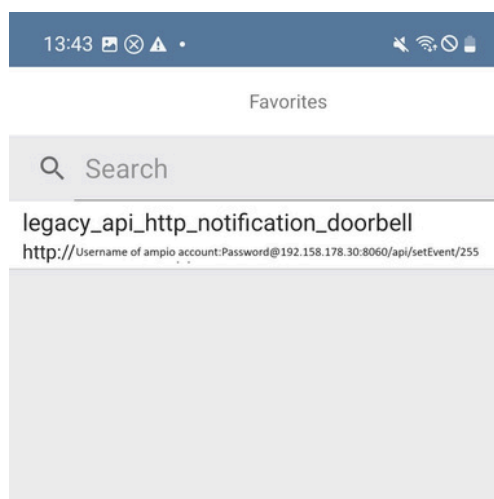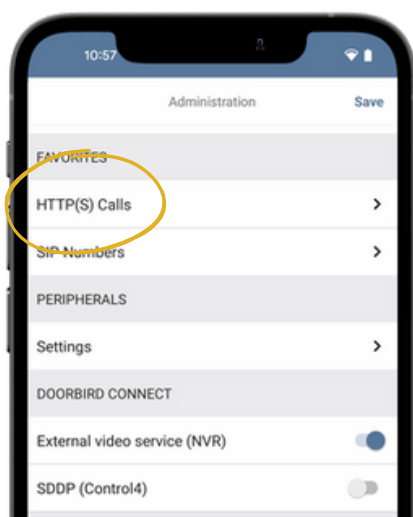A) For all devices with a Single Call Button (e.g. D1101V, D2101V, D2101KV, etc.), find the corresponding settings in the DoorBird App administration menu EXPERT SETTINGS when selecting "Schedule for doorbell".

In this screen, tap the options in the upper-left corner, select "HTTP(S) call" and fill out the schedule as per your requirements for this event.

B) For all devices with a multiple call buttons (e.g. D2102V, D2103V, D2112V, etc.), find the corresponding settings in the DoorBird App administration menu BUTTON CONFIGURATION when selecting "Settings".

Select the call button the event needs to get assigned to and go to **"Schedule for actions"**.

In this screen, tap the options in the upper-left corner, select "HTTP(S) call" and fill out the schedule per your requirements for this event.

C) For all devices outfitted with a digital display module (e.g. D21DKV), find the corresponding settings in the DoorBird App administration menu KEYPAD when selecting "Settings".

Select the keypad combination the event needs to get assigned and go to "Schedule for actions".

In this screen, tap the options in the upper-left corner, select "HTTP(S) call" and fill out the schedule per your requirements for this event.
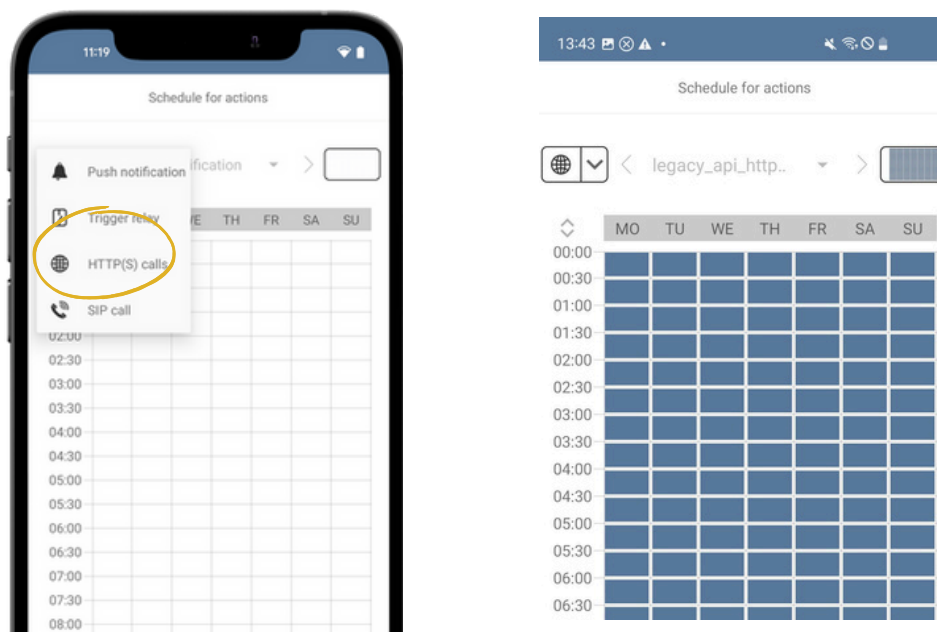
Hint: By tapping the button in the upper right corner it is possible to fill or empty the entire schedule.

4.5 Return to the main administration area and save the settings.

4.6 Press the associated doorbell button to get the notification in the ampio UNI app.
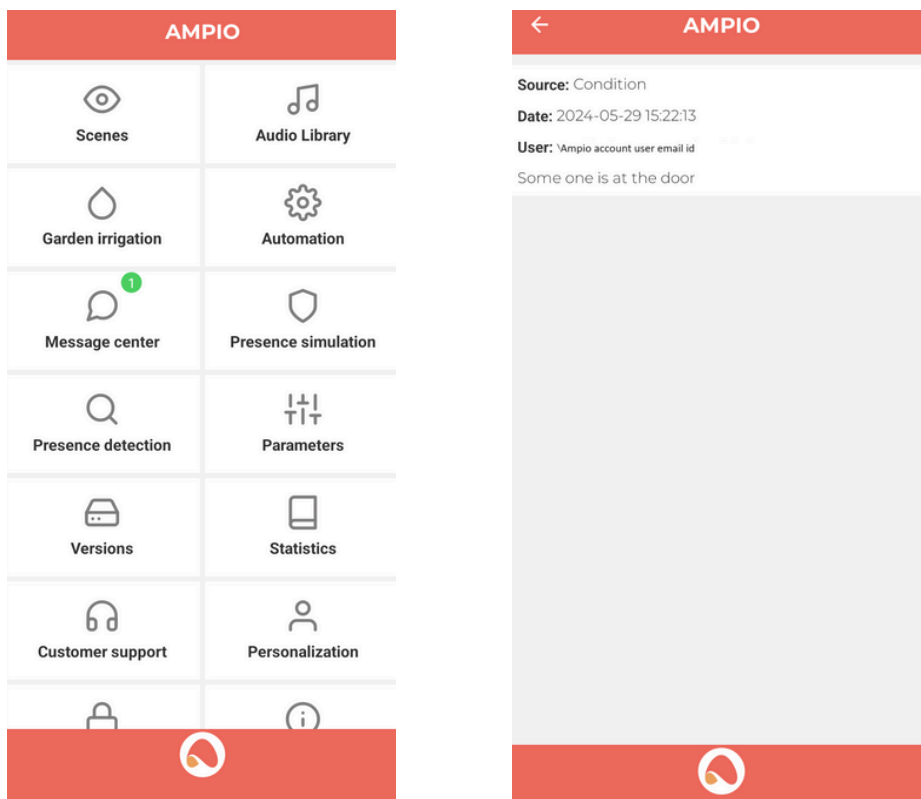
Note: For questions and problems regarding our devices (DoorBird IP Video Door Station or DoorBird IP Upgrade), please get in touch with our technical support via the contact form online: https://www.doorbird.com/de/contact.

 Note: For questions and problems regarding ampio device (for technical issues), please contact the manufacturer directly via the remote support: https://ampio.com/en/support/

FIRMWARE INFORMATION

This manual was tested using the following versions:

1. ampio
Hardware device series: M-SERV-MINI-S
Ampio App Version:1.7.10
Ampio Desginer Version:1.0.130

2. DoorBird IP Video Door Station
Hardware device series: D21DKH-V2A
Software Version: 000143

Hardware device series: D1102FV
Software Version: 000143

Hardware device series: D101S
Software Version: 000143