Table of Contents

1. Doorbell Configuration

1.1 Logging into the web-interface

Open a browser-window on your computer and enter the IP address of the doorbell in your URL-bar.
Hold down the button on the doorbell for a few seconds, after which it will recite the IP address to you.

Now log into the doorbell's web-interface using the default credentials.

Username	admin
Password	admin

After you've successfully logged in for the first time, you will be asked to change the admin password.
We recommend doing this immediately.

1.2 Changing the default credentials

The doorbell has separate passwords for the different services that it uses, as such it is required to change the default credentials for each of these categories.

First, change the credentials for the ONVIF category, you may find this setting under **Surveillance** and then **ONVIF**.

Do the same for the password of the RTSP-stream, found under **Surveillance** and then **RTSP**.
Finally, change the password for the HTTP API of the doorbell under **Security** and then **HTTP API**.

1.3 Configuring the intercom
In order to make sure the intercom function works correctly, we have to configure its settings.
Navigate to **Intercom** and then **Basic**.

Make sure **Call Type** is set to **Group Call** and then enter 0.0.0.0 into the top-left most input field under **Group Call Numbers (Local)**.

If you use an indoor intercom unit such as the **Akuvox C313X**, please enter the IP address of the intercom(s) instead. You should enter additional IP addresses in the order as displayed in the example below.

2. Nx Witness Configuration

2.1 Adding the doorbell to the system
Open the Nx Witness Desktop Client and right-click on a server, then click on **Add Device...**
Now either scan a subnet or enter the IP address of the doorbell, then enter the login credentials, then add the device once you've found it.

2.2 Creating a new user for the doorbell
In the Nx Witness Desktop Client, go to **System Administration** (CTRL + ALT + A), then go to the tab **Users**.
Click on **New User...** and create a local user for the doorbell.
Give it a custom role and then make sure it only has access to the doorbell under **Cameras & Resources**.
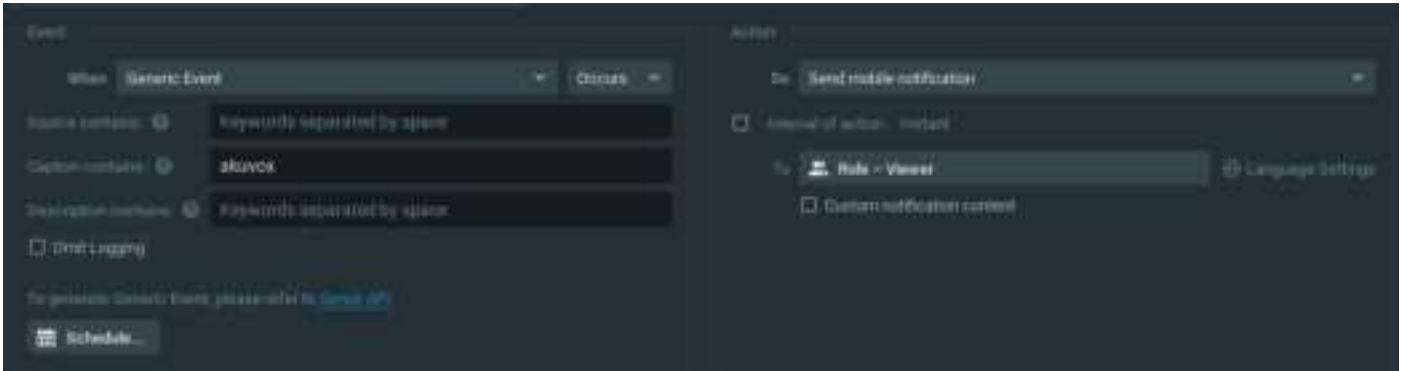Finally, make sure **Digest Authentication** is enabled for this user.

2.3 Enabling audio for the doorbell in Nx Witness
In the Nx Witness Desktop Client, right-click the doorbell in the overview and go to **Camera Settings...**
Here, make sure that **Enable audio** and **Enable 2-way audio** are checked.

2.4 Creating an event rule for the push button on the doorbell

Right-click the doorbell in the overview and click on **Camera Rules…**, then click on **Add** to add a new event rule. Here you'll select **Generic Event** under **Event > When**. Under **Caption contains**, you may enter anything you'd like to filter on, though this will be important for future steps. In this example, we will be filtering on the caption "akuvox" and sending a mobile notification to a group of users.

Now go to the web-interface of the doorbell and go to **Intercom > Basic**.
Under **Push Button Notification**, check the box that reads **HTTP** under **Action To Execute**.
In the field labelled **HTTP URL** you will need to enter the URL for the API call.

The URL will need to be populated with specific information, as follows:

https://<username>:<password>@<server-ip>:<server-port>/api/createEvent?caption=<caption>

For example

https://doorbell:password123@192.168.1.100:7001/api/createEvent?caption=akuvox

Once you've entered the URL, click on **Submit** to save the changes.

Now when you press the button on the doorbell, a mobile notification would be sent to the selected group of users.

3. Using the doorbell in combination with the Akuvox C313X

If the steps under chapter 1.3 were correctly followed, and the doorbell is available in the same network, it should be picked up automatically and you can start using both immediately.