SYSTEM REQUIREMENTS

- DoorBird IP Video Door Station D10x/D11x/D21x Series.
- Synology Network Video Recorder (NVR) or Network Attached Storage (NAS).

ADDITIONAL INFORMATION

The following guide will take you through the steps of setting up a DoorBird IP Video Door Station in connection with a Synology Network Video Recorder (NVR) or Network-Attached Storage, referred to simply as "Synology device" throughout this manual. Please make sure that the Synology device receives an IP address and is connected to your network.

Please also make sure that your DoorBird IP Video Door Station is online, using this service :
https://www.doorbird.com/checkonline

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

1. SETTING UP THE EXTERNAL VIDEO SERVICE (NVR)

For the DoorBird IP Video Door Station to be properly recognized by the Synology device, the "NVR" setting of the DoorBird IP Video Door Station must be activated.

1.1 Open the DoorBird App and log into the administration area under "Settings →Administration" using the administrator username and password credentials from the "DIGITAL PASSPORT" document that was shipped with your DoorBird IP Video Door Station.

1.2 Find the "External video service (NVR)"-toggle under "DOORBIRD CONNECT" from the main menu and switch it on.
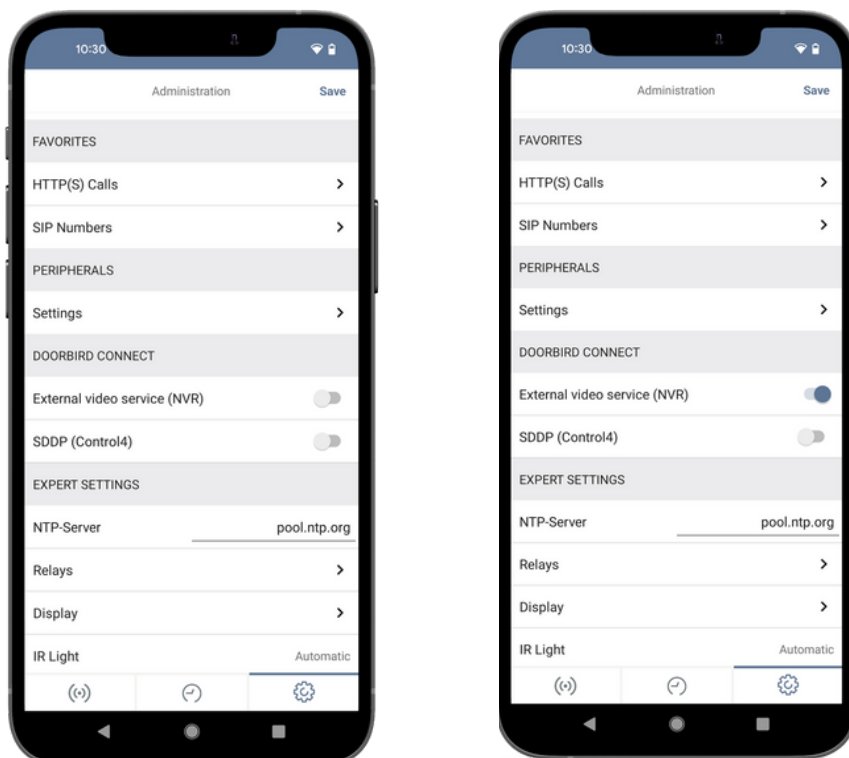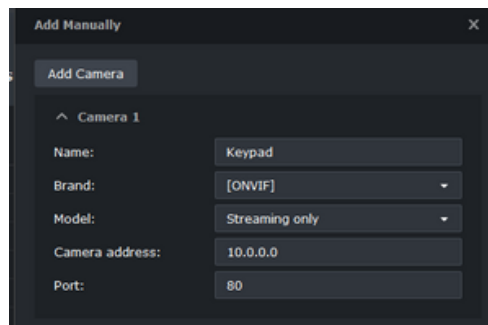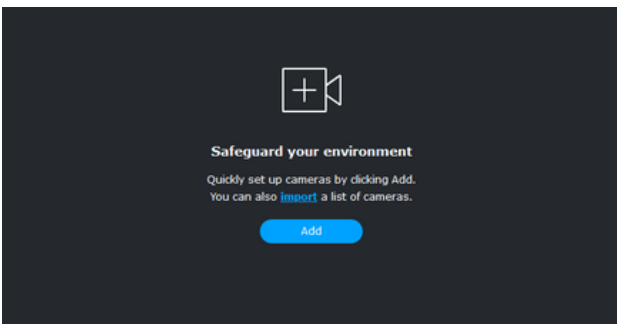
2. SETTING UP THE SYNOLOGY DEVICE

2.1 Open the Synology web interface by entering the IP address of the Synology device in your browser and enter the "Surveillance Station".
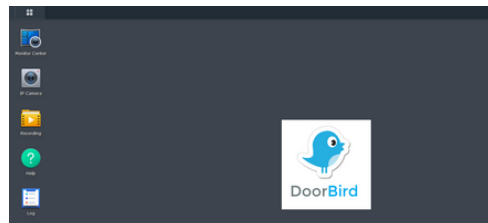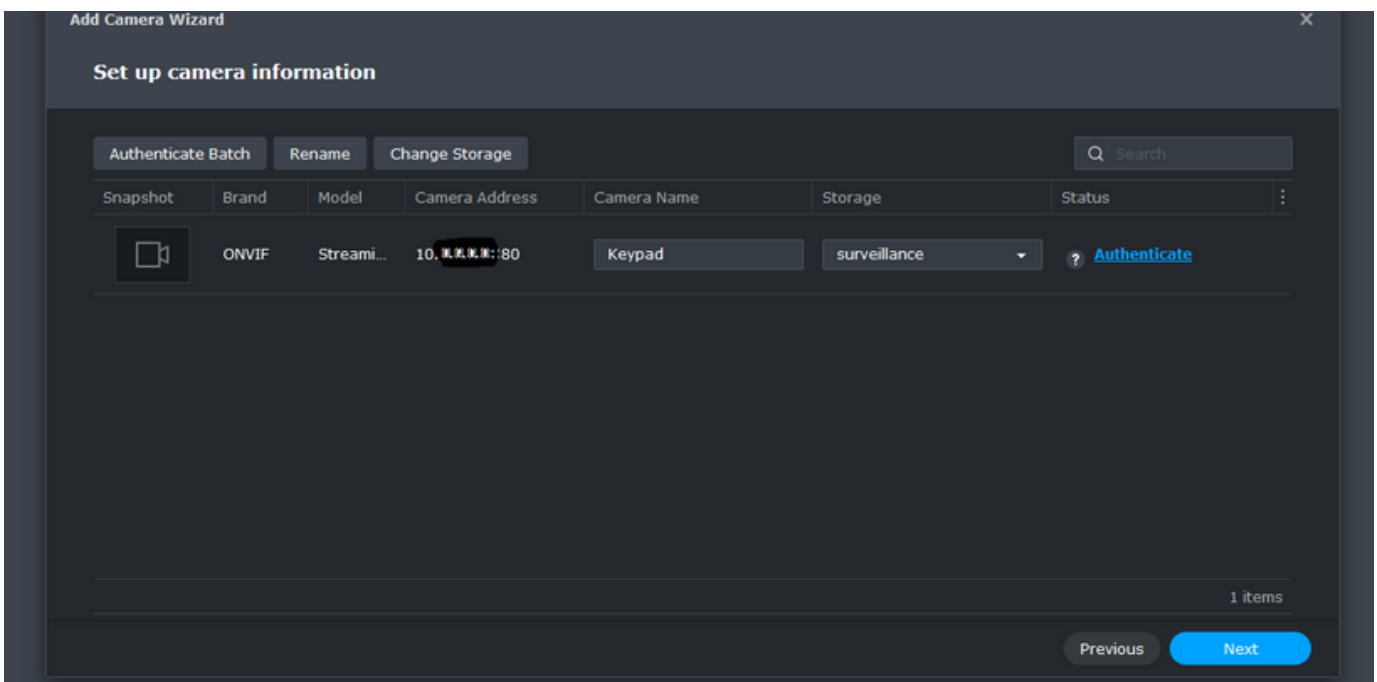

2.2 On the main screen of the "Surveillance Station", click on "IP Camera".
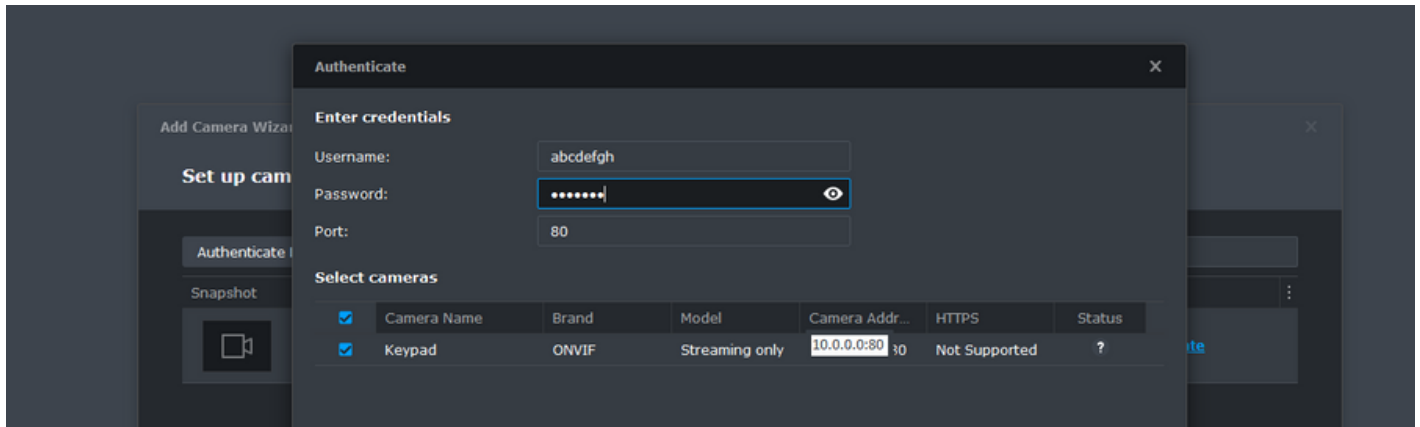
2.3 Click "Add" to add a new device. Enter the Camera details (Camera Address = DoorBird IP Address).
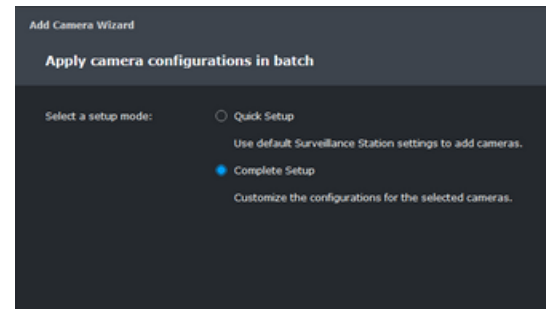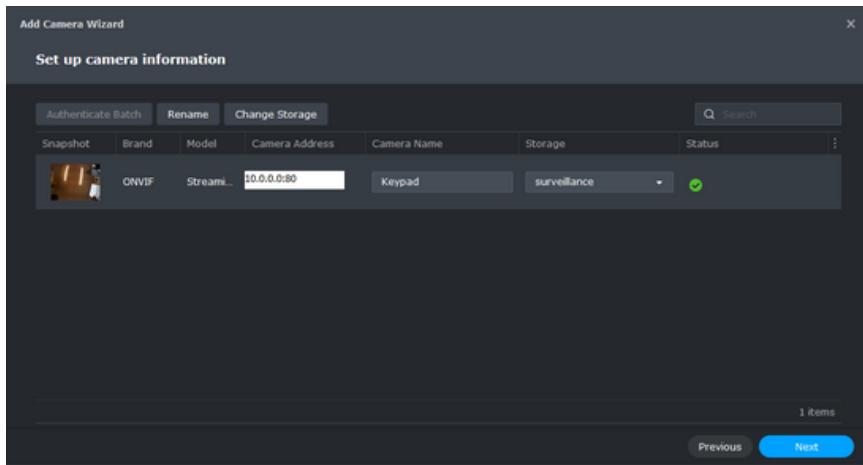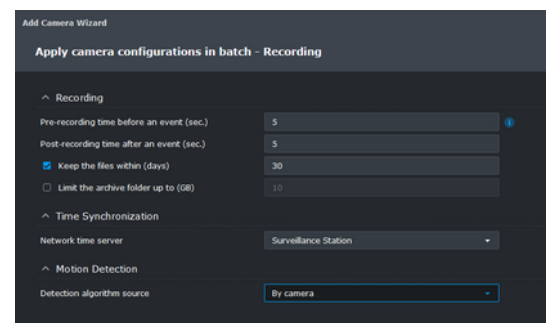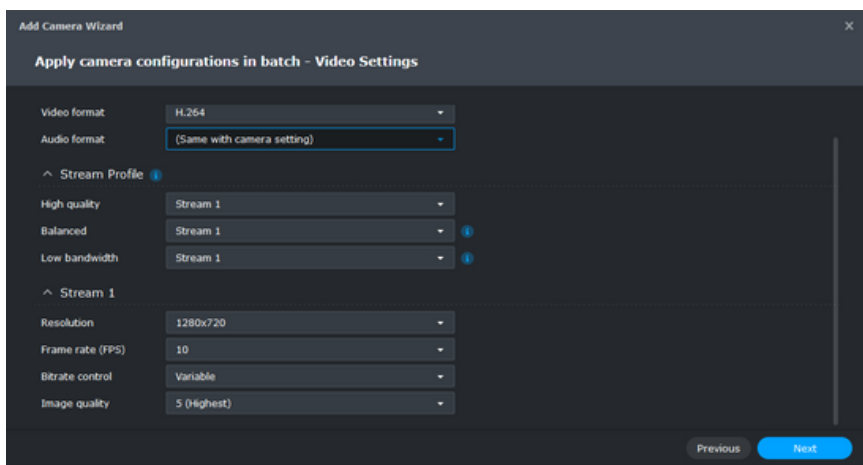

2.4 Click Next, then Click Authenticate.

2.5 Add username and password of the DoorBird App (as in the digital passport).

2.6 After sucessfull authentication, a green tick will be visible. Click Next, click Complete Setup.


**2.7** You can edit Video Settings as per requirements, click Next.

2.8 You can schedule for the Recordings (If you want to record continuously or to record motion detection), Click Next.

Note: Customize 1 and Customize 2 Surveillance Station will only record video when there is a customized event detected. You can select Motion Detection, Digital Input, Audio Detection, Tampering Detection, PIR Motion Detection, and ACAP from the drop-down menu if your camera supports such functions.
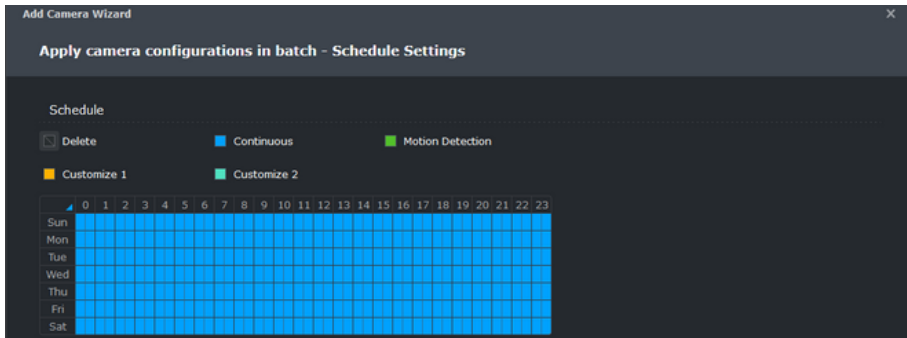
Note: If you want to schedule for any event-based recording , please don't select for schedule.

2.9 Click Done.
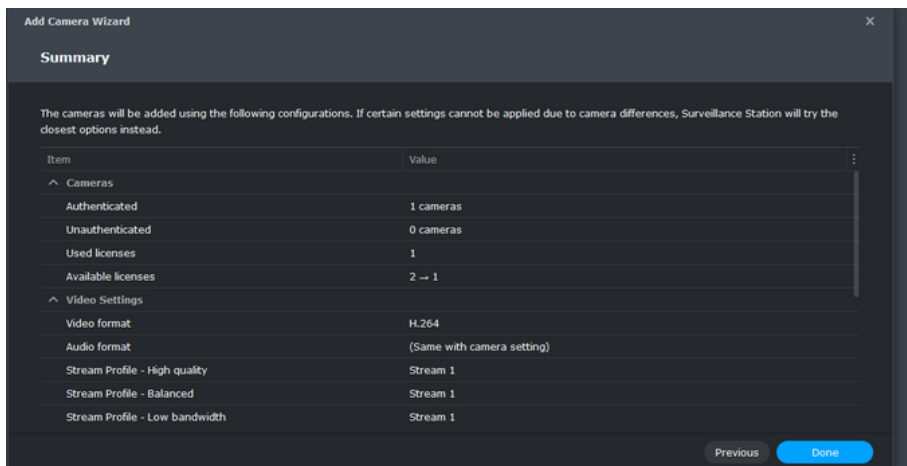
2.10 Click on IP Camera then Click Edit.

Click on "Load Capability" to make sure the DoorBird IP Video Door Station is discovered correctly. If all values were entered correctly, a green check mark should appear. If not, please make sure you entered all values correctly and try again.

Click on "Test Connection" to test the video stream of the DoorBird IP Video Door Station. If everything is set up correctly, a green check mark should appear. If not, please make sure your DoorBird IP Video Door Station is active and set up correctly.
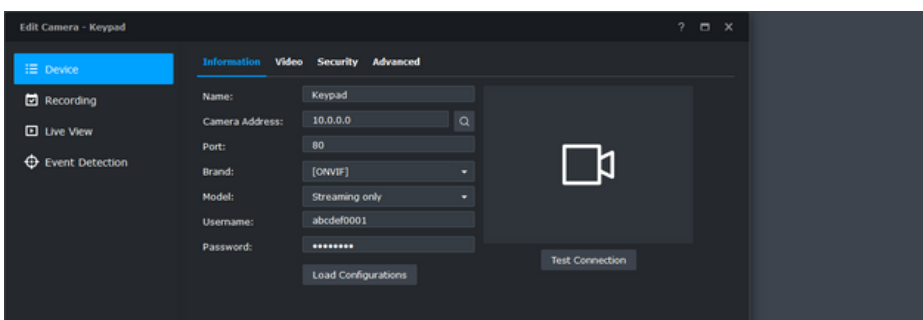
3. SETTING UP EVENT-BASED RECORDING IN THE SYNOLOGY NVR

Note: For security reasons, it is advised to activate HTTPS in your Synology NVR to allow for encrypted communications between your Synology NVR and your DoorBird IP Video Door Station. Please refer to the manual of your Synology NVR for instructions on how to activate HTTPS.
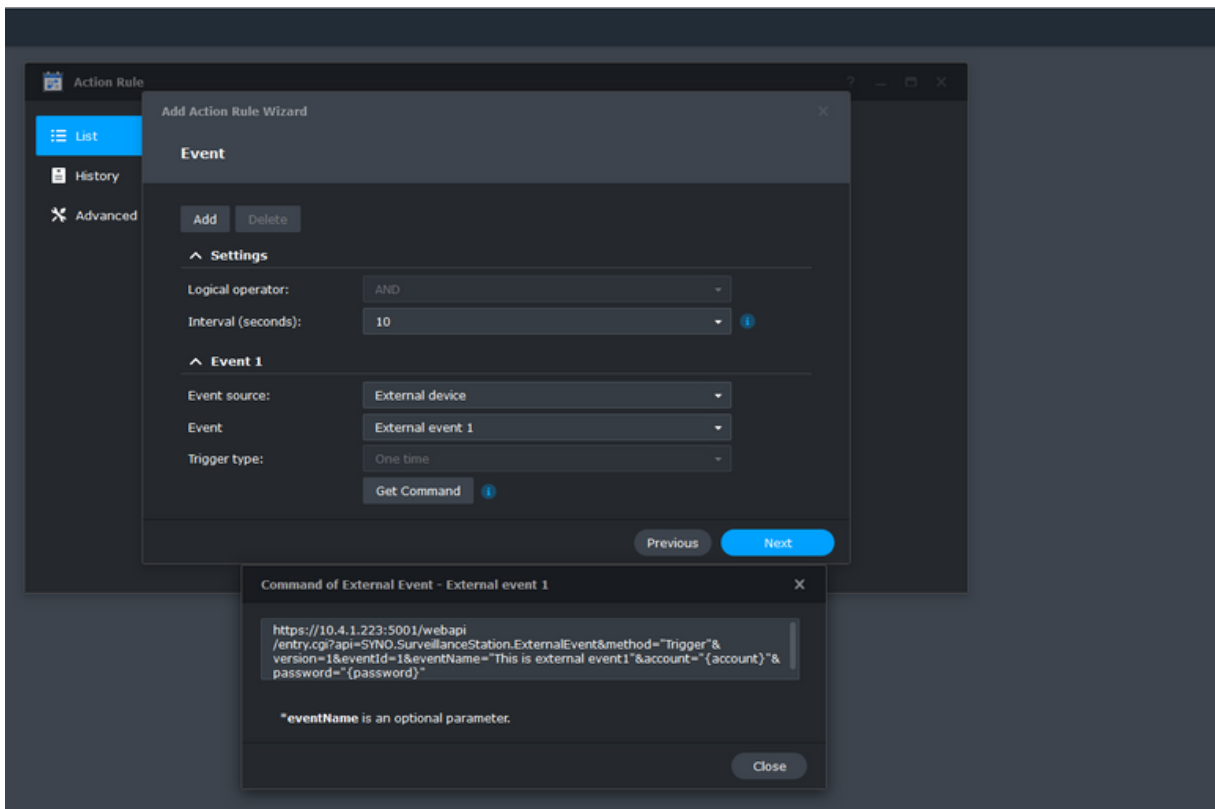
3.1 From the main menu, select "Action Rule".
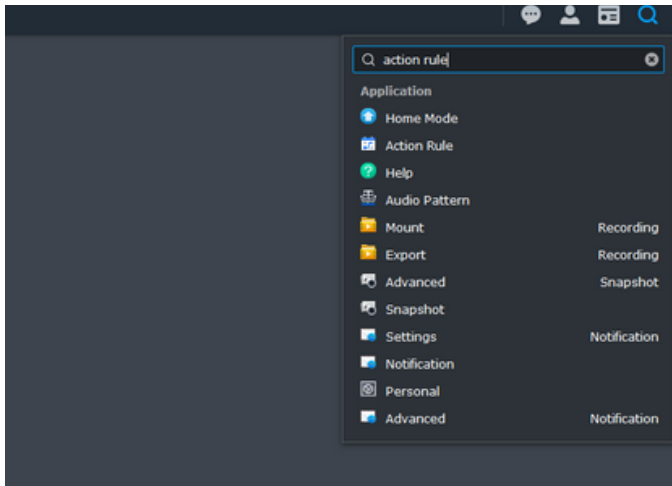
3.2 Click "Add" to add a new action rule. Enter an appropriate name for the type of event e.g., "Doorbell".
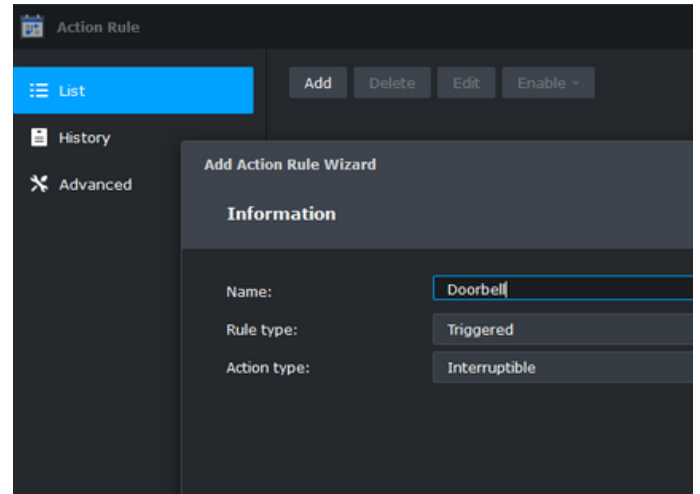

3.3 Select External device and External event 1. Click on "Get Command". Please make a note of generated command for upcoming settings.

3.4 Select the action device as your camera device, then action you want to assign for that event e.g., take snapshots (snapshots are visible in snapshots application), start action rule recording (recordings are visible in recordings application).
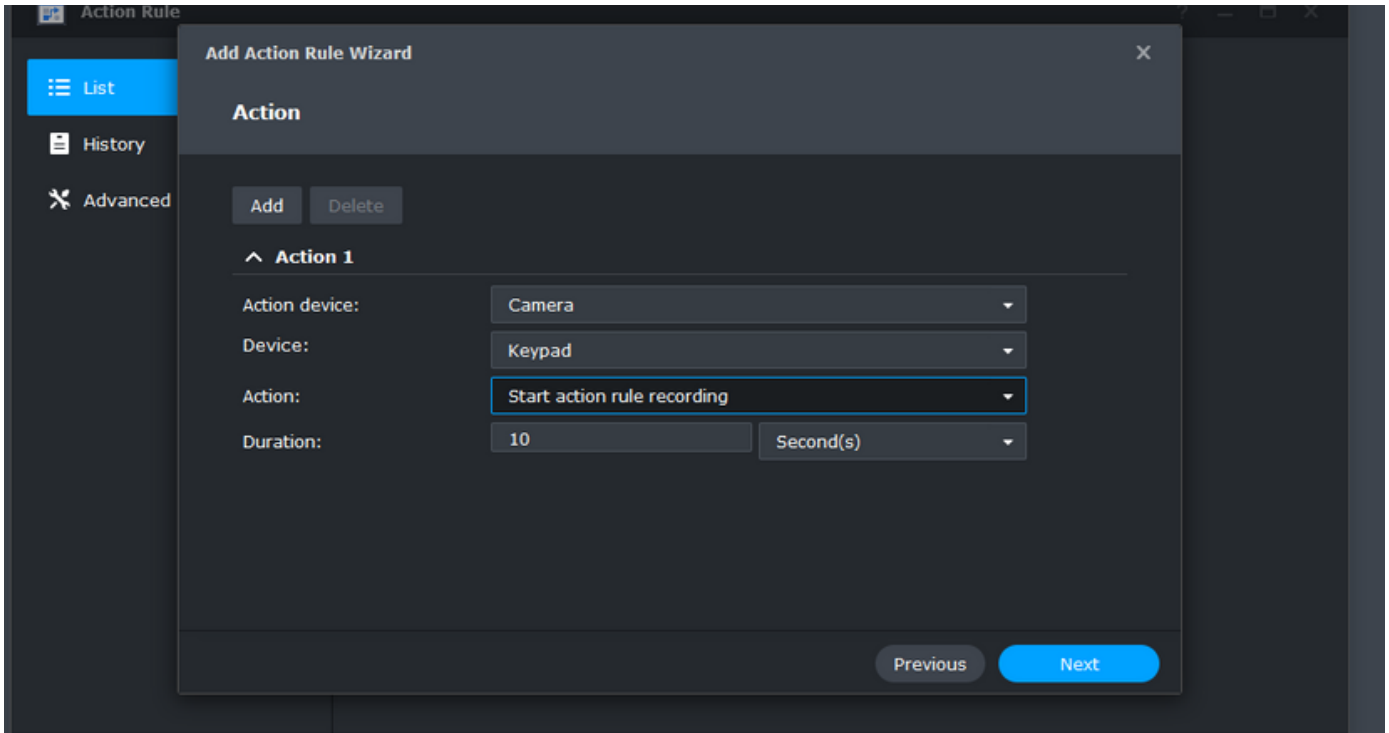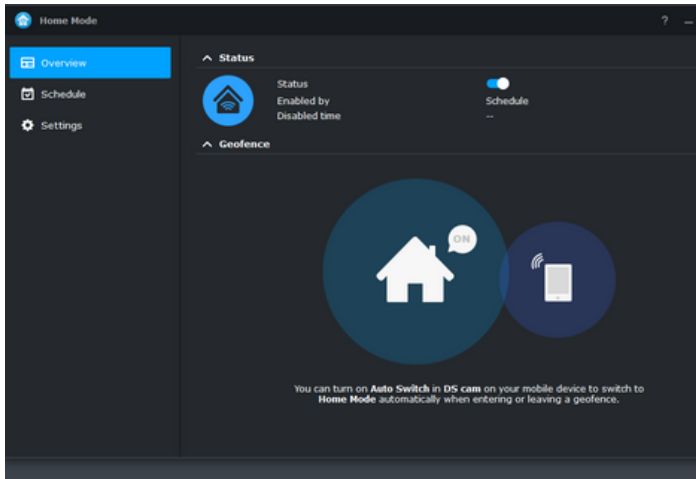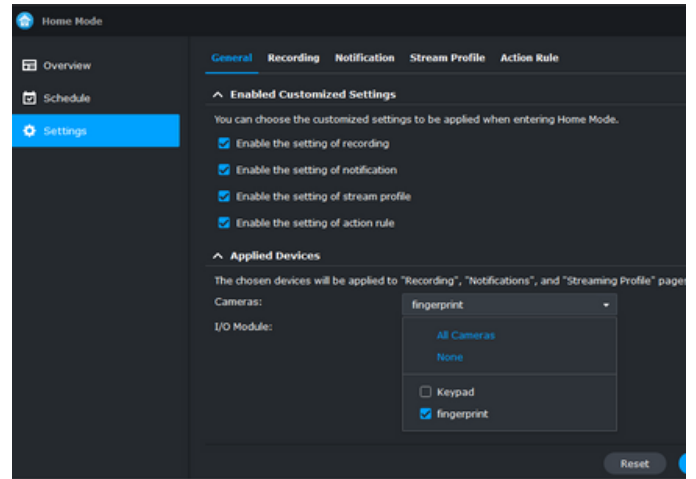

3.5 Schedule as per requirements, then apply.
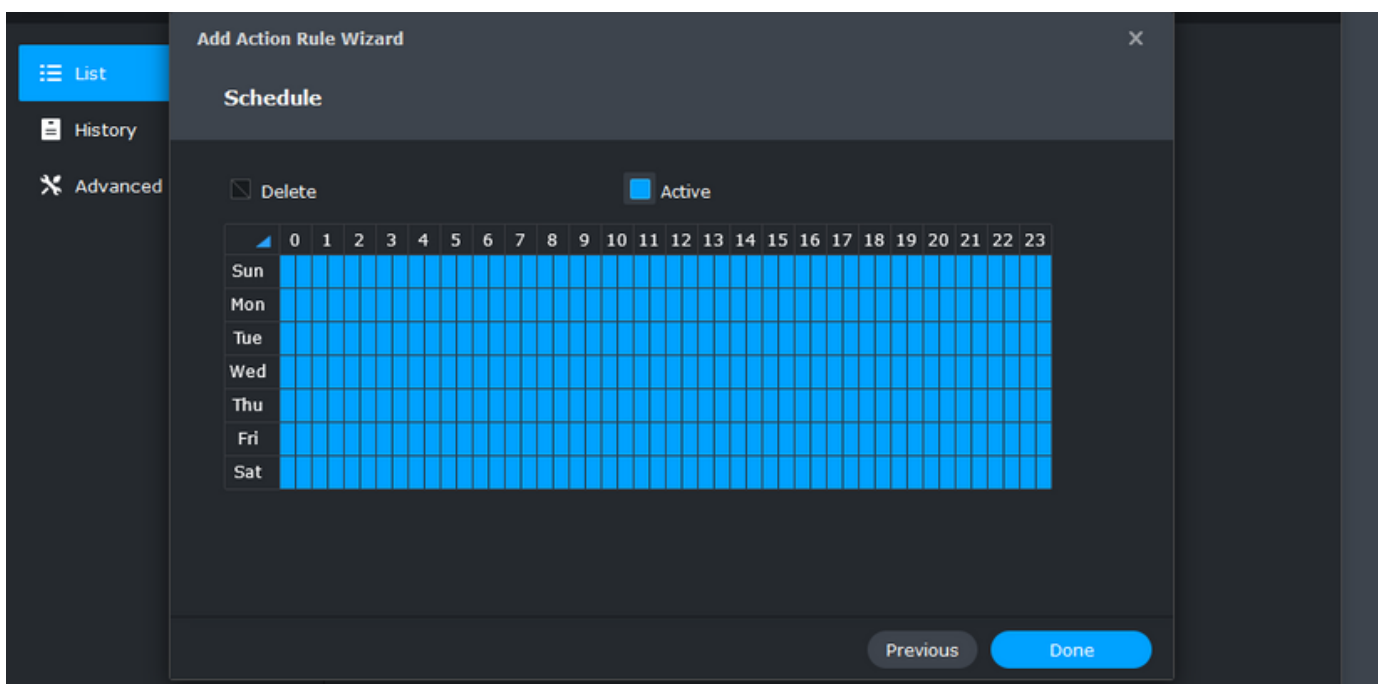
4. MODDIFY HOME MODE SCHEDULE SETTINGS ACCORDING TO YOUR RECORDING TYPE

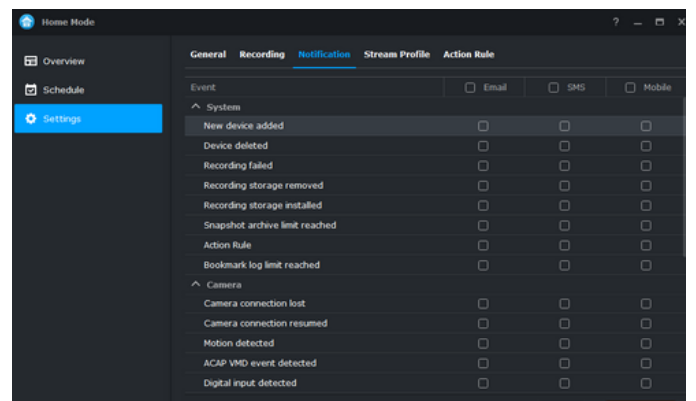**4.1 Open the Home mode icon from the main search bar (Similar to 3.1).**
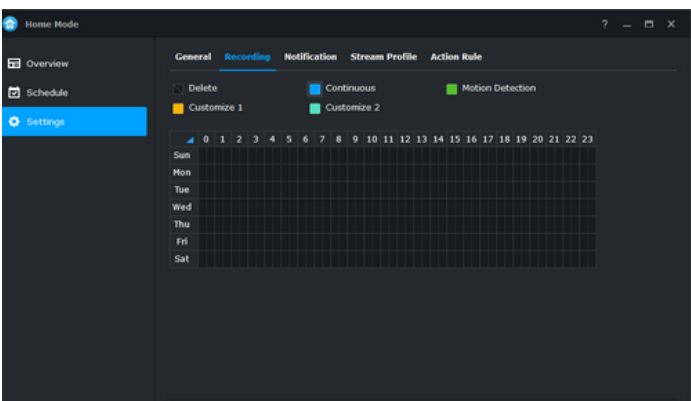
4.2 In settings, you can enable for settings of recording, notification, stream profile, action rule.
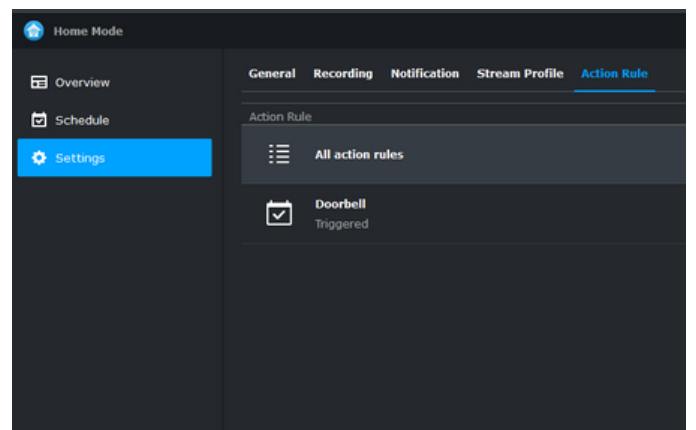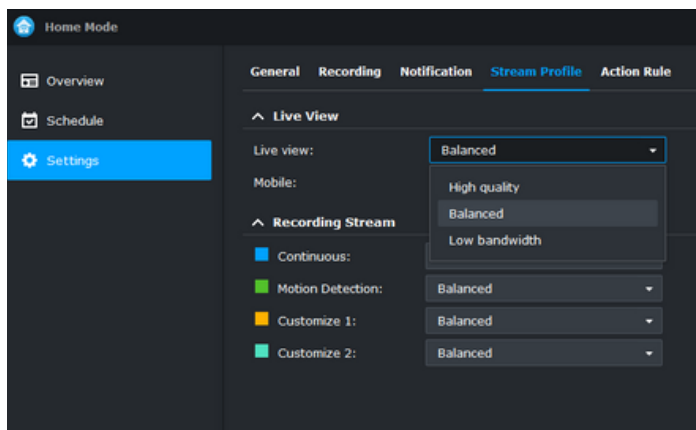
4.3 Please leave Recording empty because recording is enabled for event action in the step 3.5.

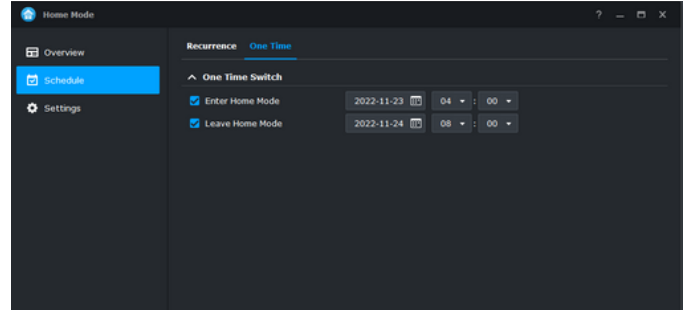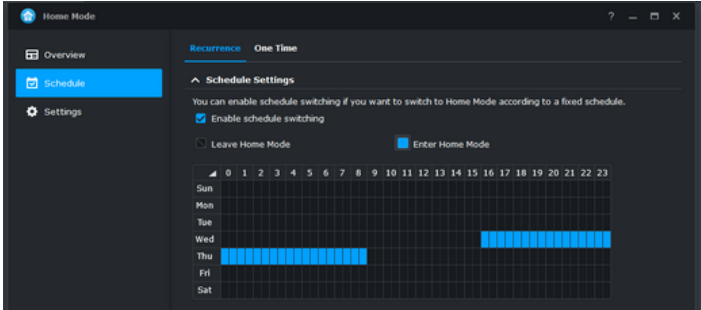**4.4 Please select the mode of notification you want to receive.**

4.5 Please select the bandwidth type you want to view in your recording.

4.6 Enable action rule.

4.6 This setting is optional, you can schedule home mode for certain period of time by enabling this option --> Enable schedule switching.


Hint: The above steps from 1 to 4 are an example for recording the action rule event ---> To record the doorbell action.

Note: You can configure according to your requirements by making a few changes in the above steps.

## 5. SETTING UP EVENT-BASED RECORDING IN THE DOORBIRD APP

5.1 Open the DoorBird App and log into the administration area under "Settings → Administration" using the Administrator username and password credentials from the "DIGITAL PASSPORT" document that was shipped with your DoorBird IP Video Door Station.
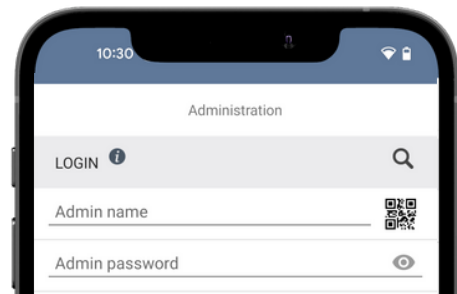
5.2 Scroll down to the "Favorites" section and tap on "HTTP(S) Calls".
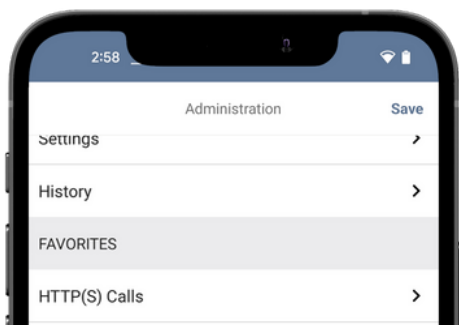
5.3 Click "ADD", to add a new HTTP(S) call (enter the http command from the step 3.3).
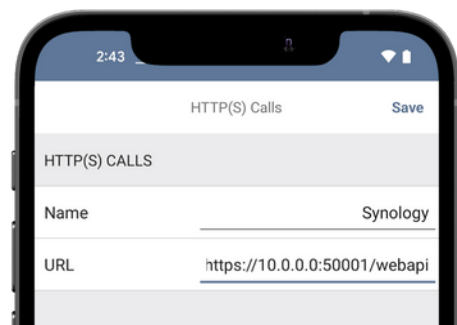
5.4 In the "URL" field, enter the action URL you were presented with in step 3.8., replacing {account} and {password} with your Synology account name and password (without the {}-braces!), optionally changing the "eventName" from "This is external event1" to something more appropriate, e.g., "Doorbell".

https://10.0.0.0:5001/webapi/entry.cgiapi=SYNO.SurveillanceStation.ExternalEvent&method="Trigger"&version=1&eventId=1 &eventName="Doorbell"&account="xyzxyz"&password="abcd1234"

5.5 Click "Save" to store this new HTTP(S) call.

5.6 To forward calls from the DoorBird IP Video Door Station to the Synology device, schedule for doorbell needs to be properly set up. Depending on the model of the DoorBird IP Video Door Station, choose one of the following Options:

A) For devices with single doorbell (e.g., D10xx, etc.) in the administration area under "schedule for doorbell" from the settings menu. Select the appropriate button and tap "schedule for actions". From this screen, tap the bell symbol in the upper left corner, choose "HTTP(S) calls" and fill out the schedule per your requirements.

B) For devices equipped with a keypad (e.g., D21xx) in the administration area under "Keypad" in the settings menu. Select the appropriate key combination and go to "Schedule for actions". From this screen, tap the bell symbol in the upper left corner, choose "HTTP(S) calls" and fill out the schedule per your requirements.

C) For all devices equipped with two doorbells (e.g., D11xx) in the administration area under "schedule for doorbell 1 or 2" in the settings menu. Select the appropriate key combination and go to "schedule for actions". From this screen, tap the bell symbol in the upper left corner, choose "HTTP(S) calls" and fill out the schedule per your requirements.
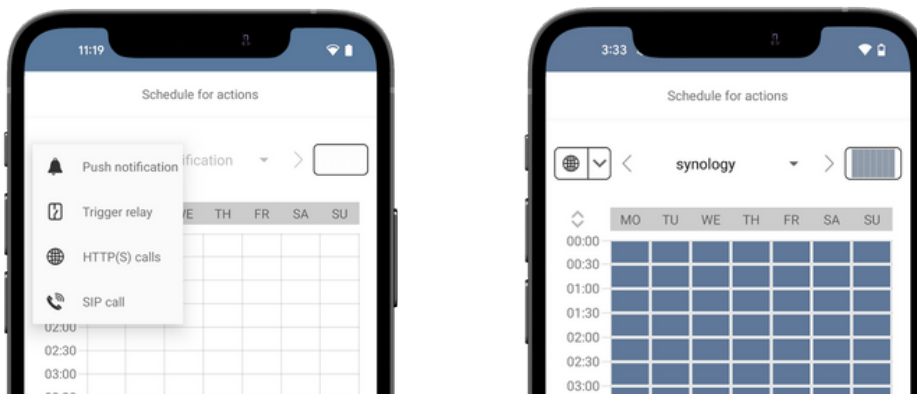
Hint: By tapping the button in the upper right corner it is possible to fill or empty the entire schedule.

5.7 Return to the main administration area and save the settings. Wait for about five minutes for the new settings to take place.

FIRMWARE INFORMATION

This manual was tested using the following versions:

1. Synology Network Attached Storage (NAS)

Hardware device model: DS216 play
DSM version: DSM 7.1.1 - 42962(Update 1)

2. Door Bird IP Video Door Station:

Hardware device series: D21DKH-V2A
Software Version: 000136

Hardware device series: D1102FV
Software Version: 000136

Hardware device series: D101S
Software Version: 000136