IP Strobe Speaker User Manual

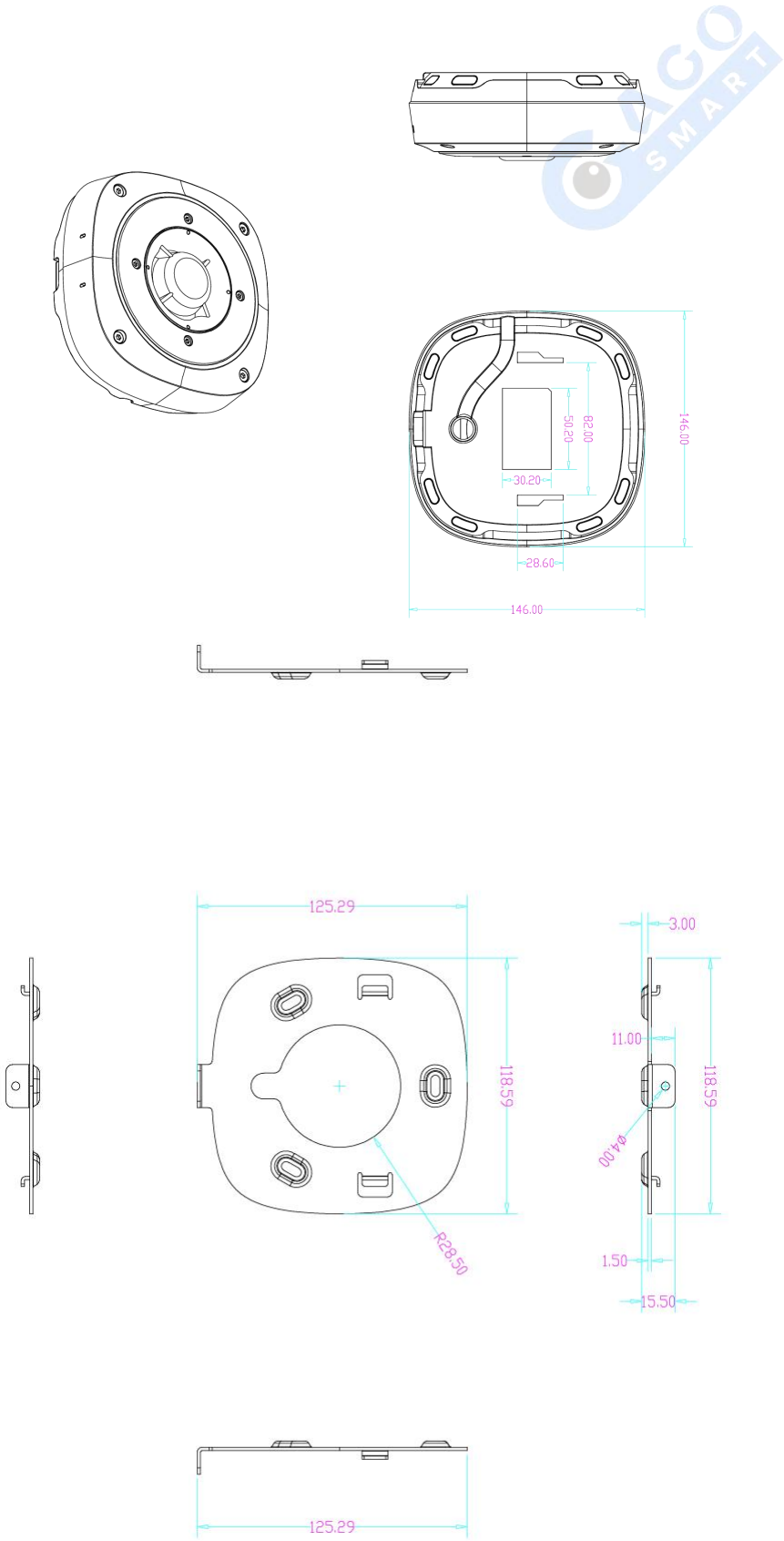
GG-POEDC2SS-RGB(45W Max)

Version:2025.09.18

CONTENTS

1. Product Introduction

1.1 Product dimensions

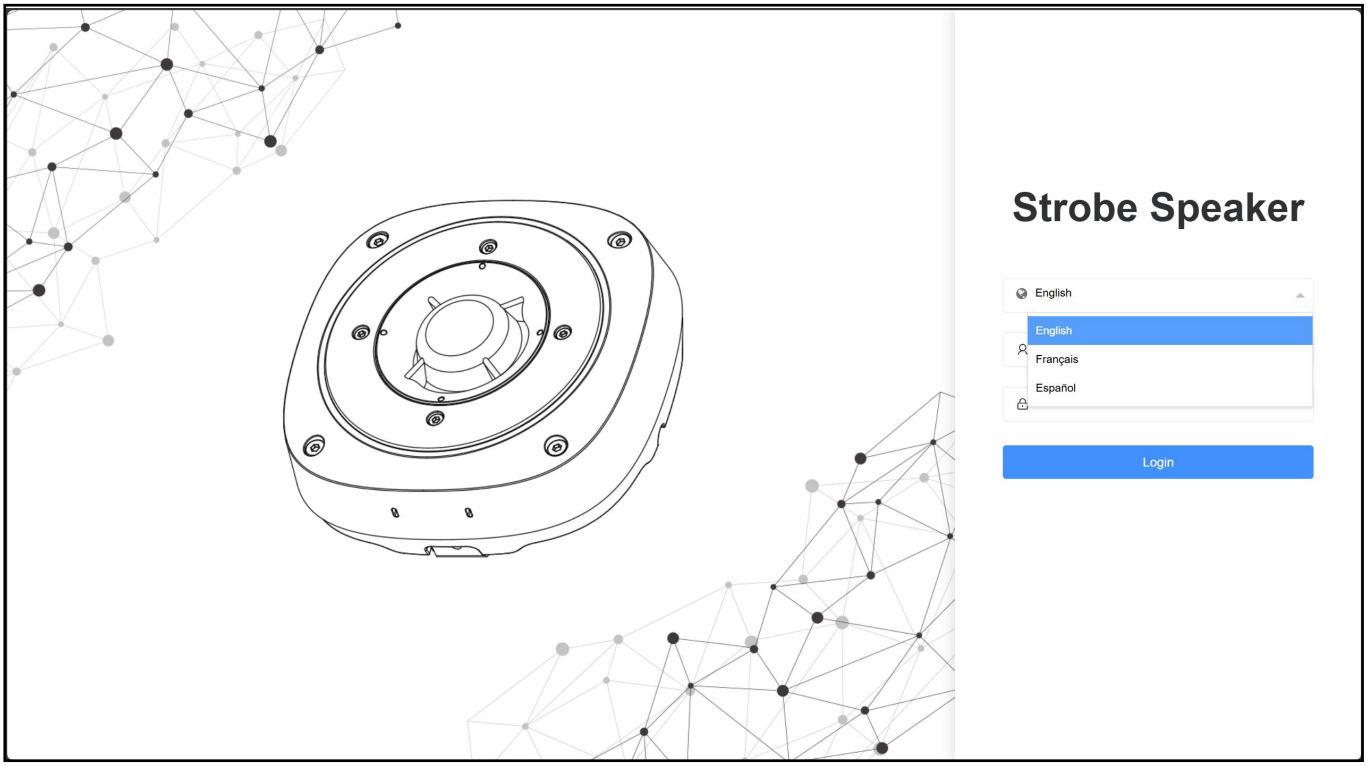


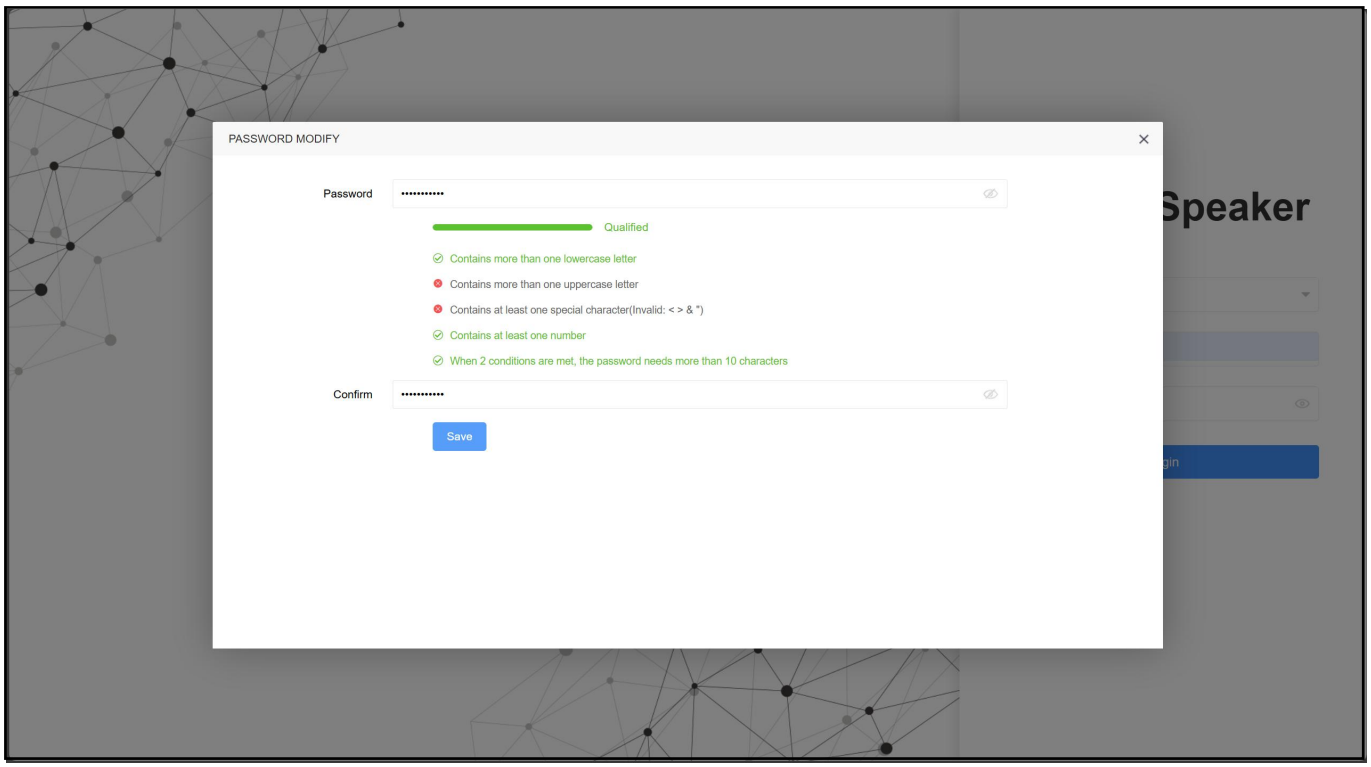
1.2 Product/ Wiring Description

No./ Name	Description
DC Connector	DC 12-36V, DC12V/4A
LAN	POE++
Alarm In	Yes
Alarm Out	Yes
Reset	Yes
Audio Input	Yes,RCA Female
Caution: IP strobe speaker power can be upto 45W Max!	

2. Log in Web Page

Static IP Address: 192.168.0.100
DHCP Enabled as Default
Default User Name: admin;
Default PW: 111111
Note: PW is required to modify as must!





3. Resource

This page includes “Audio” and “Led” resources.

Audio: IP strobe speaker has default pre-recorded audios, users can also upload the audios they need to play, by clicking “Custom” button.

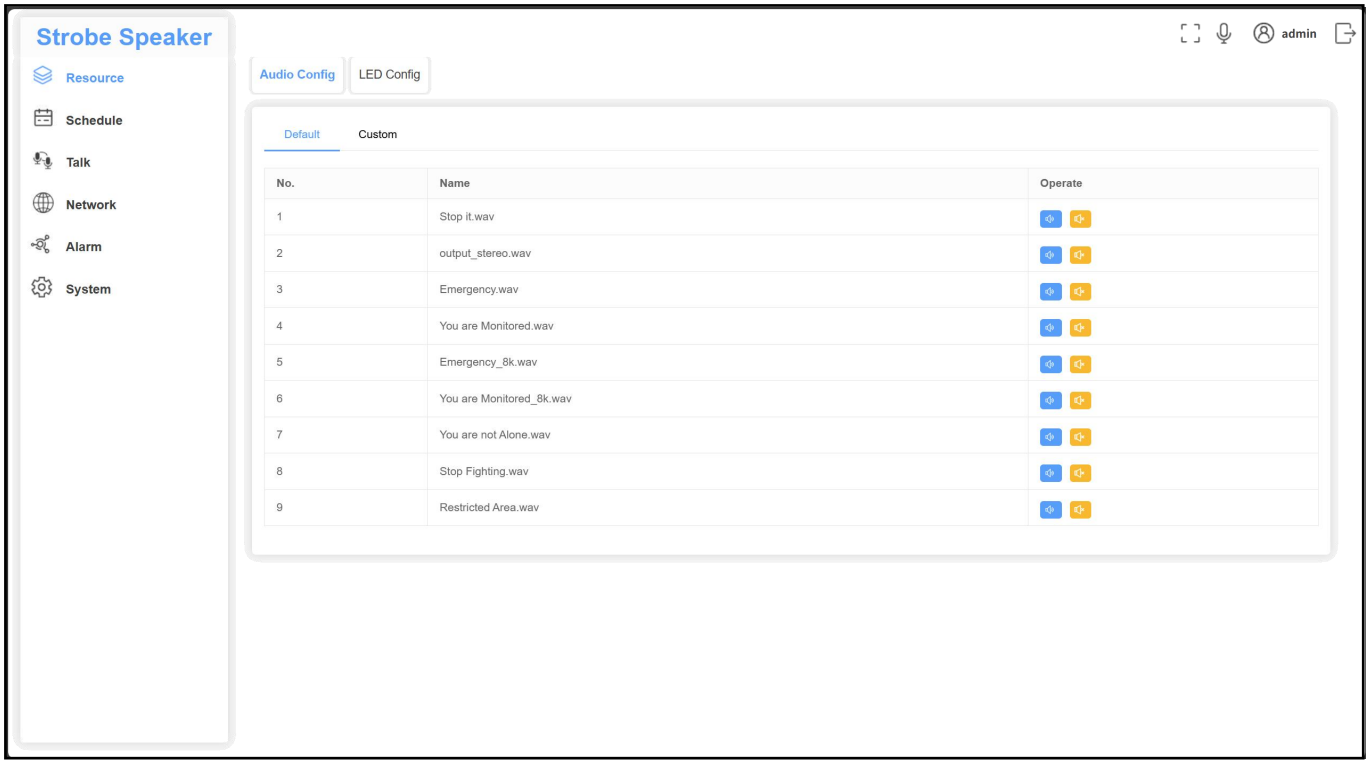
Audio File Format: WAV Channel Type: Mono Sampling Rate: 8K

Led: IP strobe speaker has “Front” and “Back” lights, both are made of RGB.

Color: Red/Green/Blue/White/Yellow/Violet/Cyan.

Pattern: Front and Back lights will work differently for different application purposes.
Front Light:Steady/1 Sec Blink/ 2 Sec Blink/ 5 Sec Blink/ Breathe and Strobe.
Back Light:Steady/Chase.

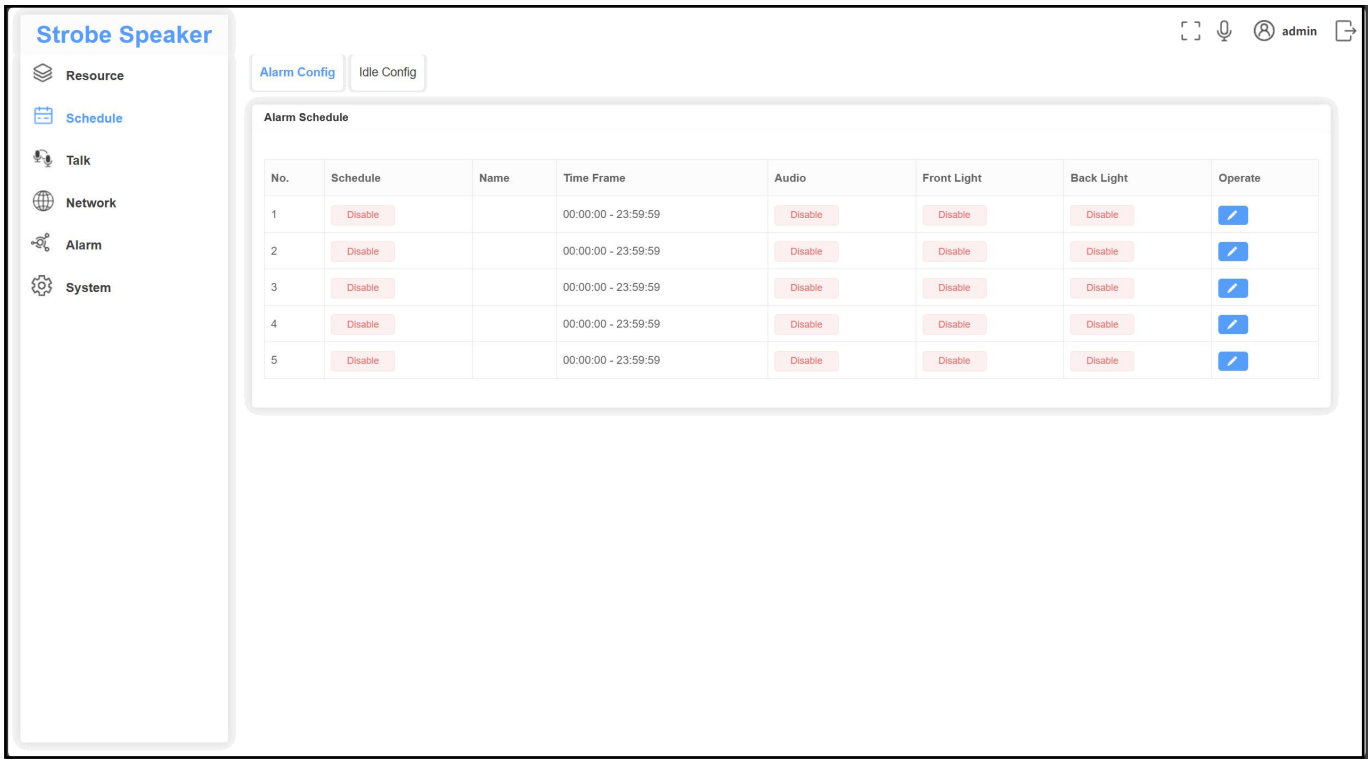
Note: Led intensity and strobe frequency can be customized by users freely, they are listed into “Schedule” page.



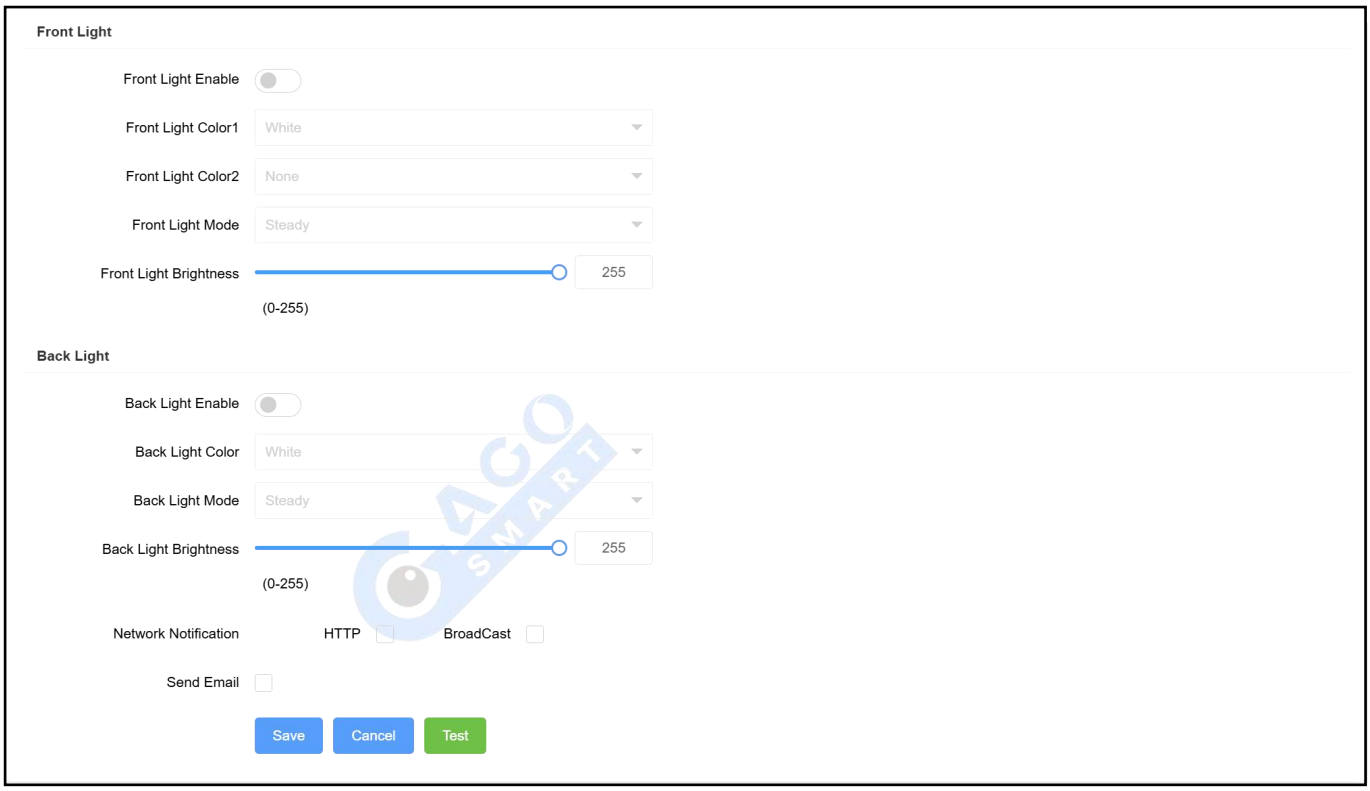
4. Schedule

4.1 Alarm Config

Totally users can config 5 alarm schedules based on different time needs.



When IP strobe speaker is triggered by external devices like camera alarm output, IP strobe speaker will work according to user's configuration there.



Alarm Out: When IP strobe speaker is triggered, you can choose whether send this alarm signal to send to other devices by GPIO Alarm out on the cable.

Duration: It means alarm lasting time.

Audio Volume: Here you can config when alarm happens,the audio voice volume.

Front Light Color 1 and 2: When alarm happens, front light can work with 1 color or 2 colors together. For example, when alarm happens, if you want red and blue color strobe, then you can

choose color 1 as RED, and color 2 as BLUE, and “Front Light Mode” choose “Strobe”.

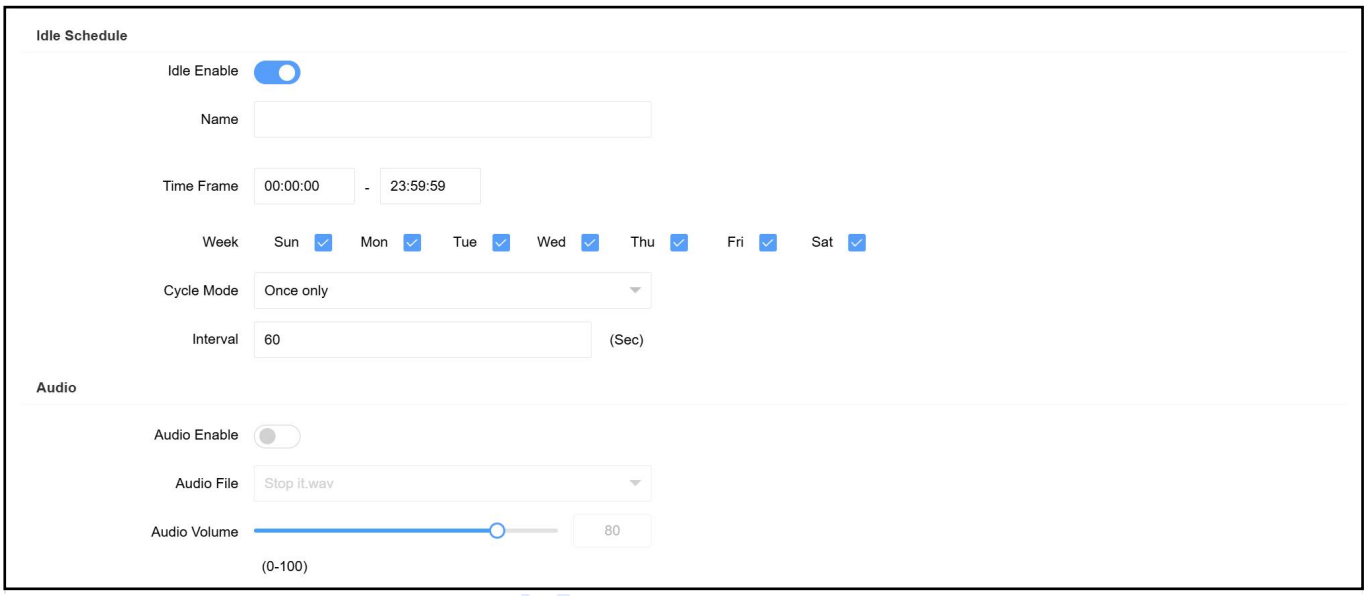
Network Notification: When alarm happens, you can also decide whether to send the alarm event to 3rd party by HTTP, or send notification to other IP strobe speakers in the same local network, it is called “BroadCast”.

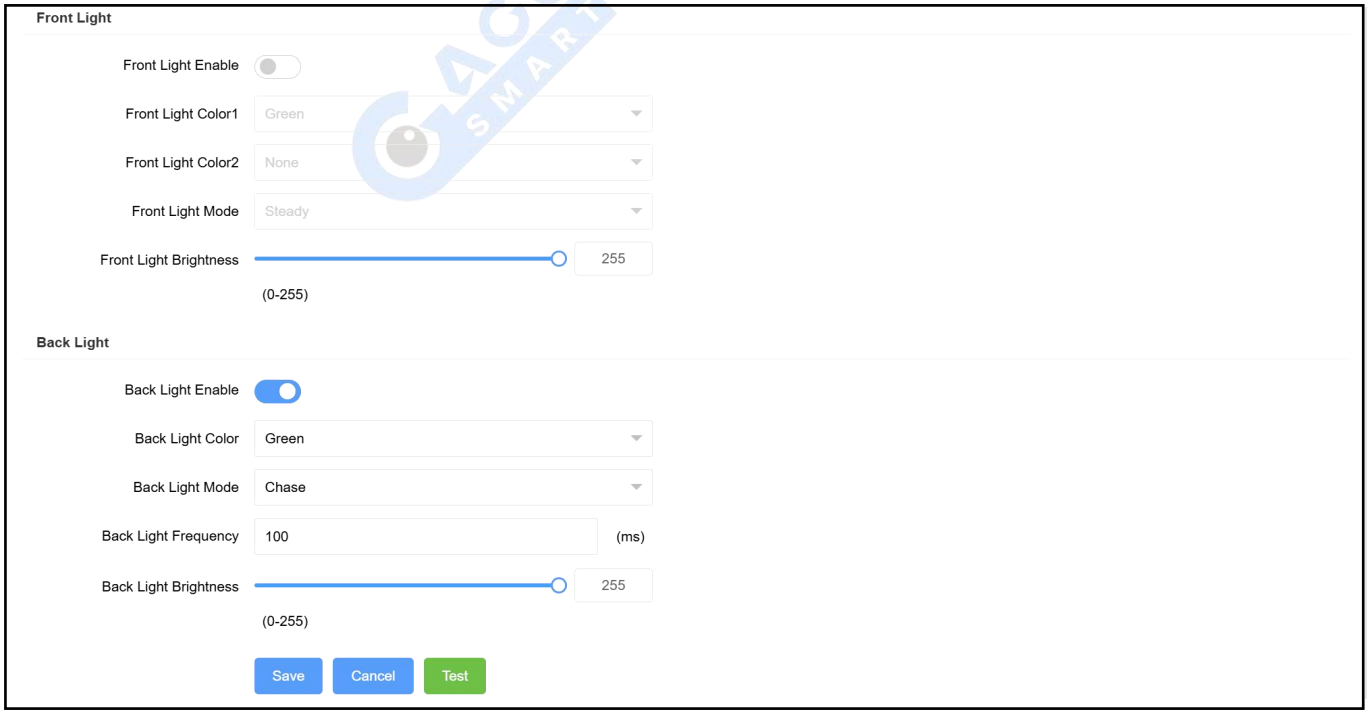
Email: When alarm happens, you can decide whether to send email for notification.

Test: “Test ” button is used to approve your settings are correct or not.

4.2 Idle Config

Idle schedule is used for when there is no alarm happens, how you will want the device to work. The IP strobe speaker can be used for audio broadcasting or flash lights as reminding/attract visitors.
Idle totally has 5 schedules based on your different time needs.





5. Talk(Two Way Communication)

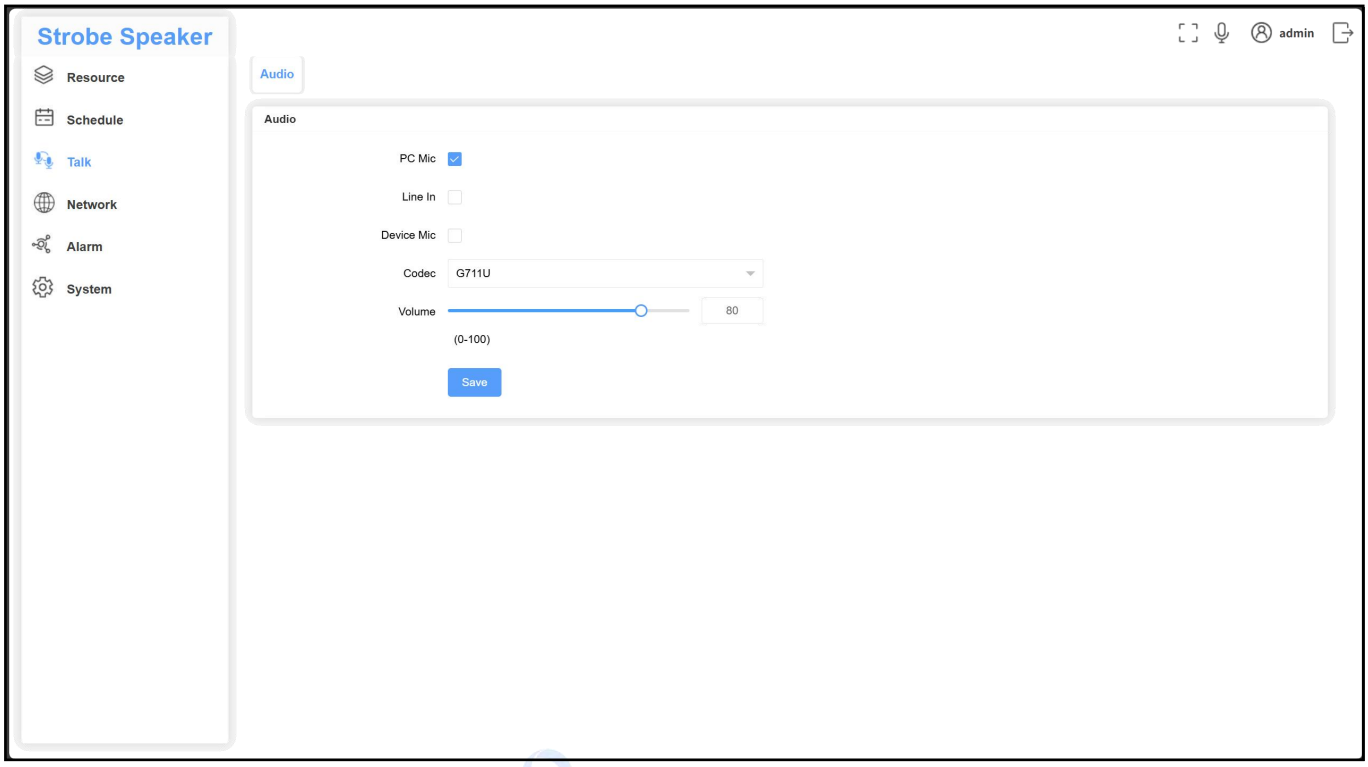
PC Mic: If you need to talk via VMS/NVR, you need to ENABLE it. It is default as “Enabled”.

Line In: Talk down directly via your analog device.

Device Mic: it means IP strobe speaker’s Mic. If you need to listen, you need to enable it first.

Codec: G711U,G711A, AAC

Volume: Talk down’s voice volume adjustment.



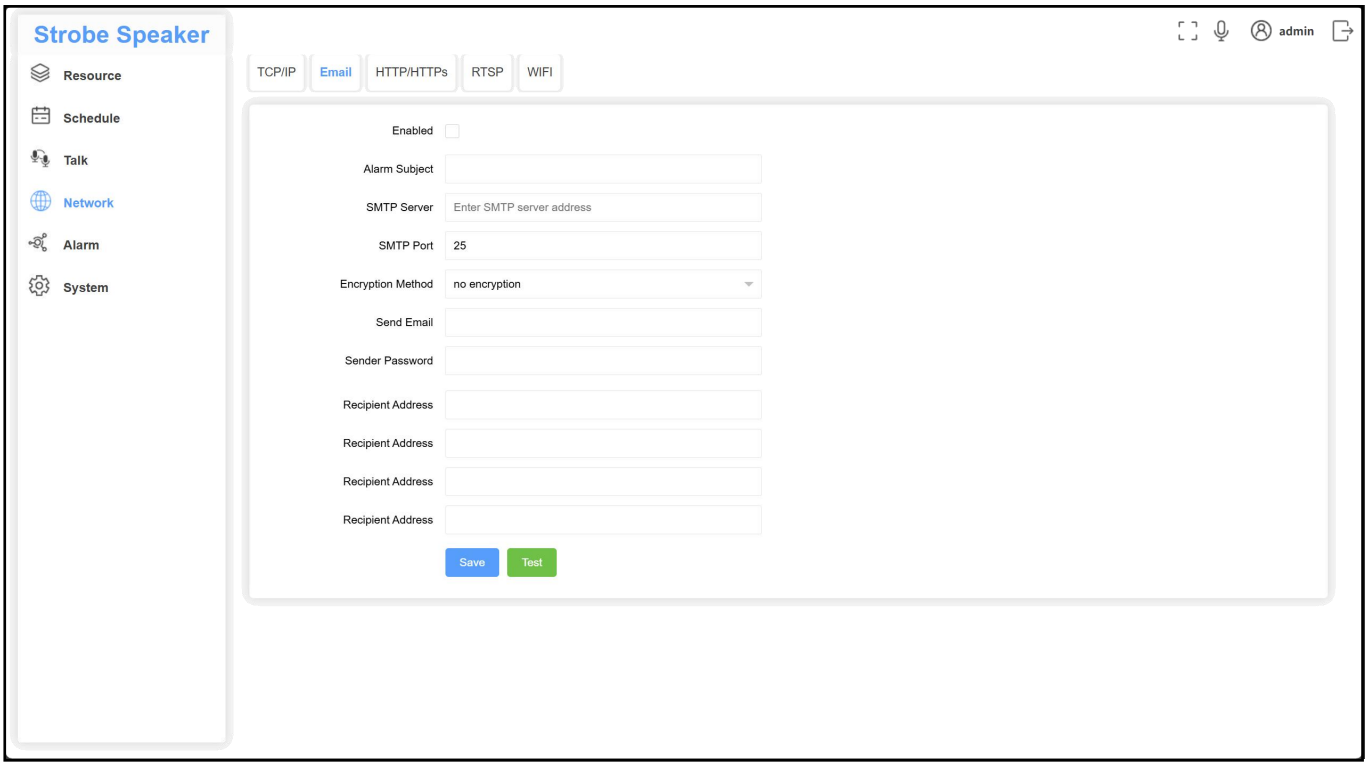
Note: If you need to talk through web directly, please click the talk button on the top right, as picture showed above.

6. Network

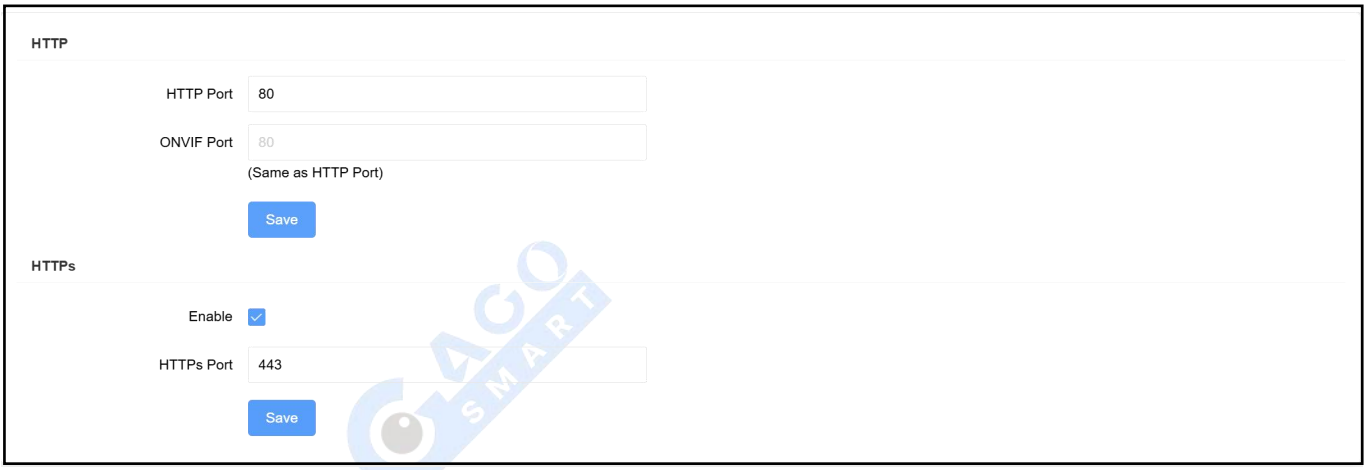
This page includes: TCP/IP, Email,HTTP/HTTPs,RTSP and WIFI.

TCP/IP: DHCP is enabled as default.

Email: When alarm happens, you can send email to notify. After your setting done, you can click “Test” to approve your settings are correct or not.



HTTP/HTTPs:
HTTP default port is 80, Onvif port is same as HTTP.
HTTPs default port is 443.



RTSP:
RTSP default port is 554.

WIFI: WiFi supports 2.4GHz.
SSID and PW are must for WiFi connection.

7. Alarm

7.1 Alarm Level

Alarm In has low and high level, default with Low Level;
Alarm Out has low and high level, default with Low Level.

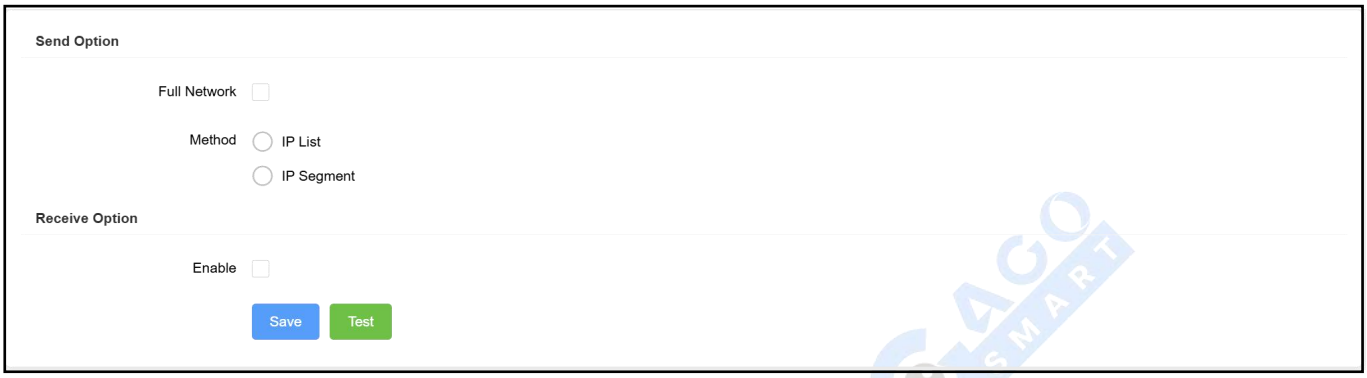
7.2 HTTP Linkage

It means when alarm happens, the device can send alarm to 3rd party platform for notification.

7.3 BroadCast Linkage

It means when alarm happens, users can decide whether to notify the other IP strobe speakers in the same local network. When these IP strobe speakers receive the alarm signal, then they will also work based on the alarm schedules.

Users can configure which IP strobe lights will receive the alarm, and also users can configure these lights whether will accept the alarm.



8. System

8.1 Device Info

Under this page, “Device Name” can be changed based on your needs.

8.2 Maintenance

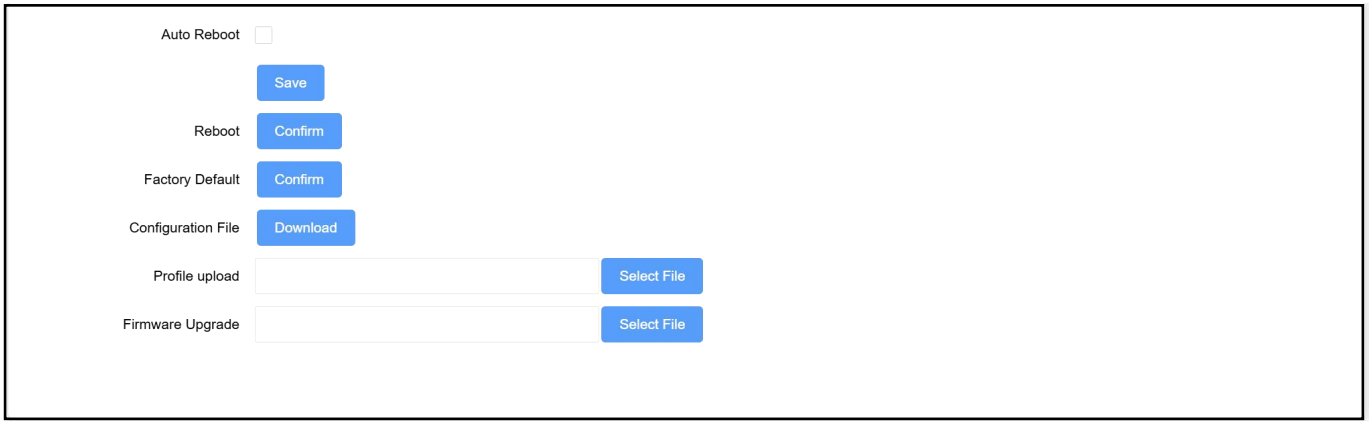
Auto Reboot: you can config which date to reboot the IP strobe speaker.

Factory Default: Here you can default the IP strobe speaker.

Configuration File: You can download your configure file.

Profile Upload: You can upload your configure file to apply to this strobe speaker.

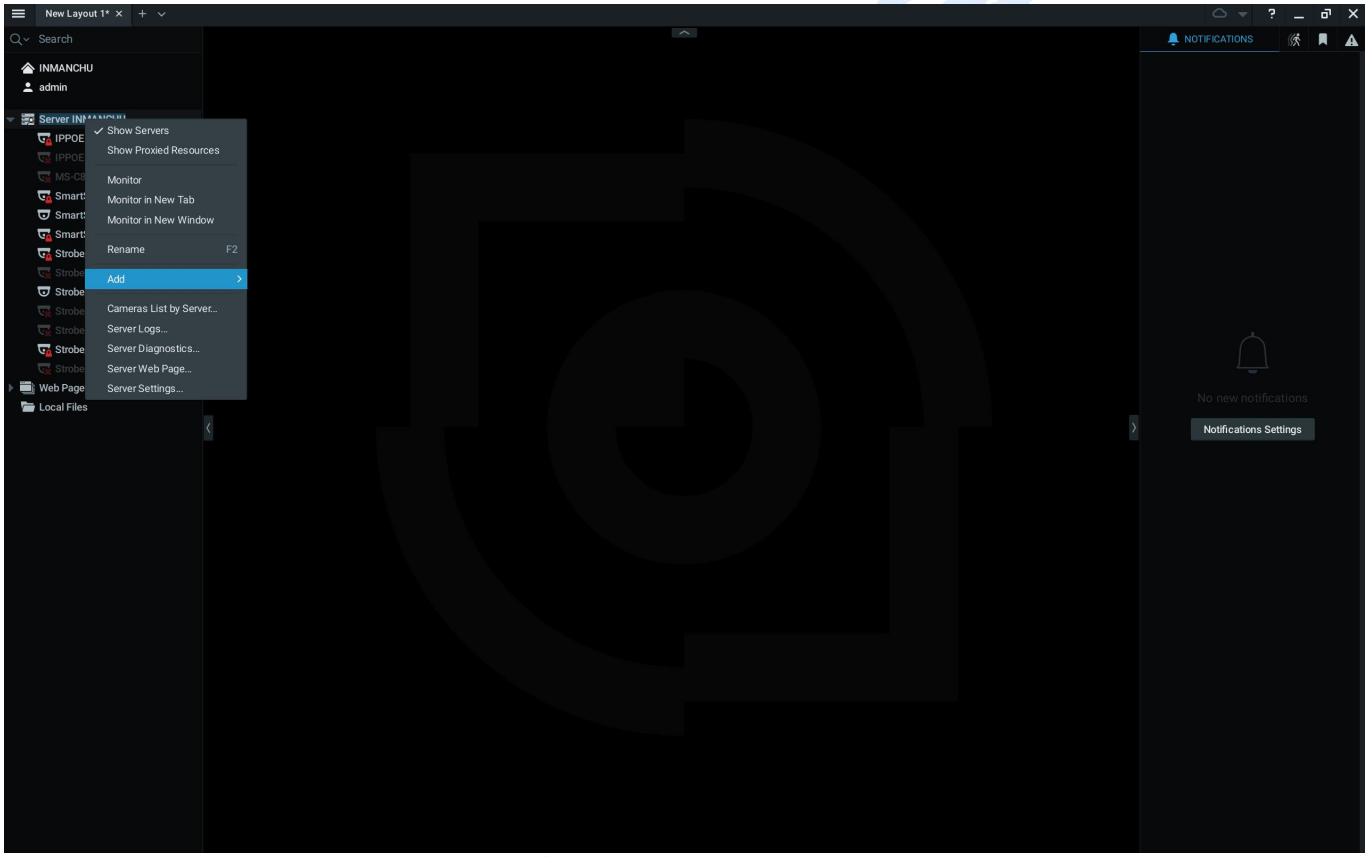
Firmware Upgrade: Here you can upgrade the FW, select the FW file, and then upgrade.



9. Integration with VMS(Nx VMS as Example)

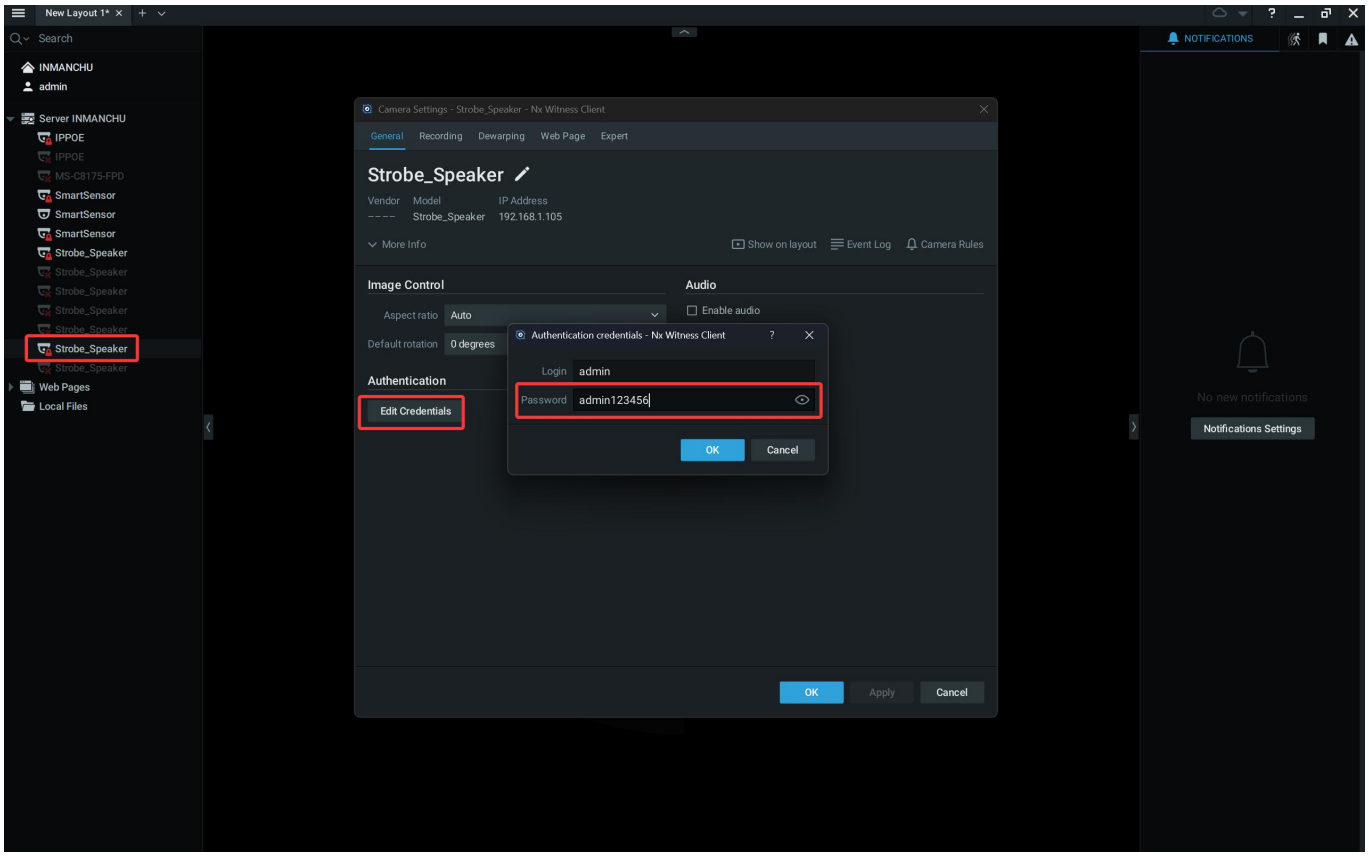
It is done by Onvif.

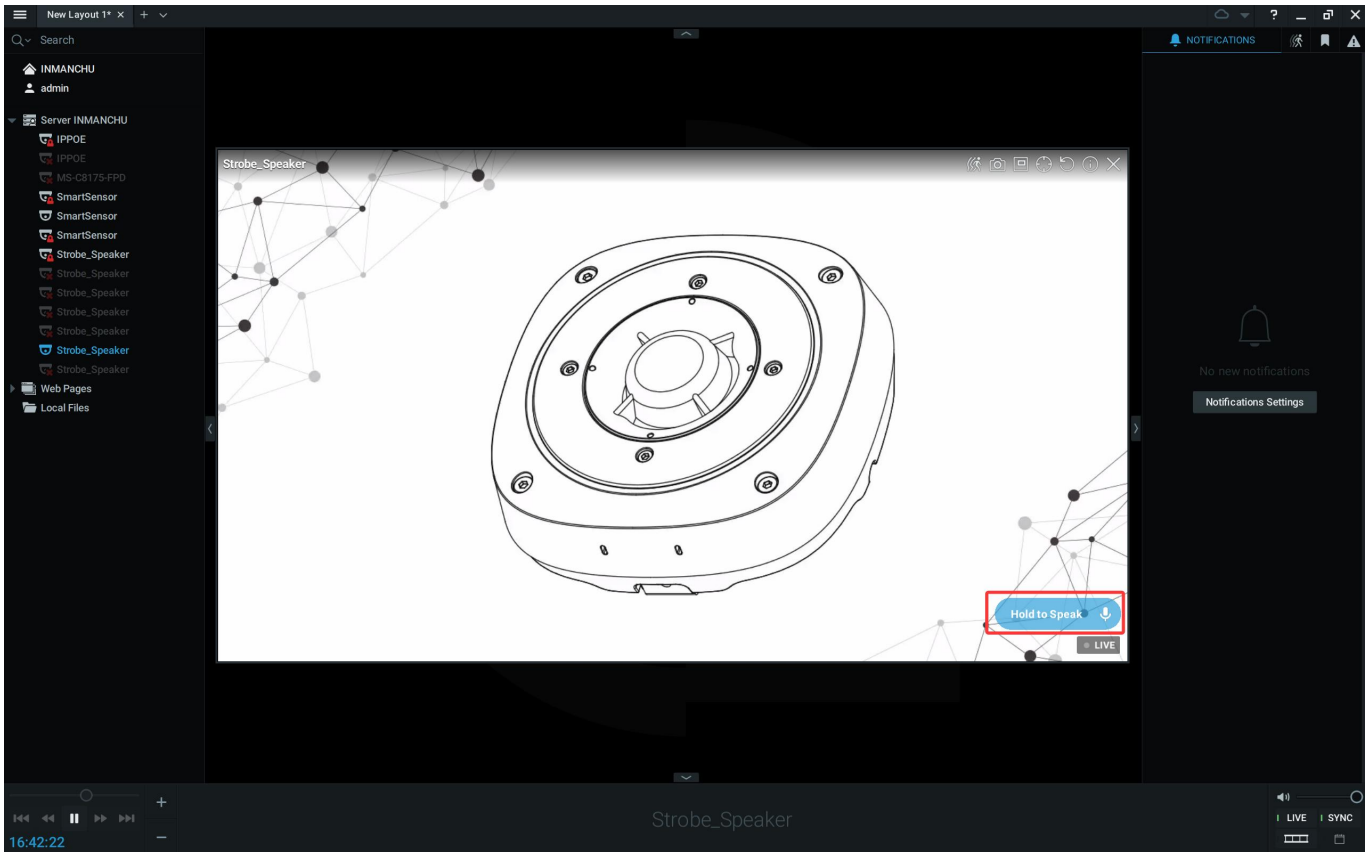
Step 1: After you open NX VMS, click server and click “Add” and click “Device”.
Note: Since IP strobe speaker is Onvif compliant, so on the left side of NX VMS, it will find out the IP strobe speaker directly.



Step 2: Right click “Strobe Speaker”, and click “Camera Settings”, and click “Edit Credentials”, and then type in correct User Name and PW of strobe speaker, then click “OK”, then click “Apply”.
After above done, double click “Strobe Speaker”, then the video stream will appear.

And if you want to talk down via NX VMS, please hold the speak button as showed below:


New Layout 1*
Search
INMANCHU
admin
Server INMANCHU
IPPOE
IPPOE
MS-C8175-FPD
SmartSensor
SmartSensor
SmartSensor
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Web Pages
Local Files
NOTIFICATIONS
No new notifications
Notifications Settings
Camera Settings - Strobe_Speaker - Nx Witness Client
General
Recording
Dewarping
Web Page
Expert
Strobe_Speaker
Vendor
Model
IP Address
Strobe_Speaker
192.168.1.105
More Info
Show on layout
Event Log
Camera Rules
Image Control
Aspect ratio
Auto
Default rotation
0 degrees
Audio
Enable audio
Authentication
Edit Credentials
Authentication credentials - Nx Witness Client
Login
admin
Password
admin123456
OK
Cancel
OK
Apply
Cancel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Search
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MS-C8175-FPD
SmartSensor
SmartSensor
SmartSensor
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Strobe_Speaker
Web Pages
Local Files
NOTIFICATIONS
No new notifications
Notifications Settings
Strobe_Speaker
Hold to Speak
LIVE
Strobe_Speaker
16:42:22
LIVE
SYNC

10. HTTP API Alarm

URL:
http://192.168.1.88/ISAPI/Event/ApiAlarm

Authority: Basic/Digest(Gago will add more in next days soon!)

XML:

```
<ApiAlarm>
<AlarmEnable>1</AlarmEnable>
<AlarmOutEnable>0</AlarmOutEnable>
<AlarmOutDuration>10</AlarmOutDuration>
<PlayEnable>1</PlayEnable>
<PlayFile>You are Monitored.wav</PlayFile>
<Volume>50</Volume>
<CycleMode>1</CycleMode>
<PlayTimes>3</PlayTimes>
<Interval>5</Interval>
<FrontLightEnable>1</FrontLightEnable>
<FrontLightColor1>1</FrontLightColor1>
<FrontLightColor2>1</FrontLightColor2>
<FrontLightDisplayMode>1</FrontLightDisplayMode>
<FrontLightBrightness>255</FrontLightBrightness>
<FrontLightFrequency>100</FrontLightFrequency>
<BackLightEnable>1</BackLightEnable>
<BackLightColor>1</BackLightColor>
<BackLightDisplayMode>1</BackLightDisplayMode>
<BackLightBrightness>255</BackLightBrightness>
<BackLightFrequency>100</BackLightFrequency>
</ApiAlarm>
```