

# IP Strobe Speaker User Manual

GG-POEDC2SS-RGB(45W Max)



Version:2025.09.18

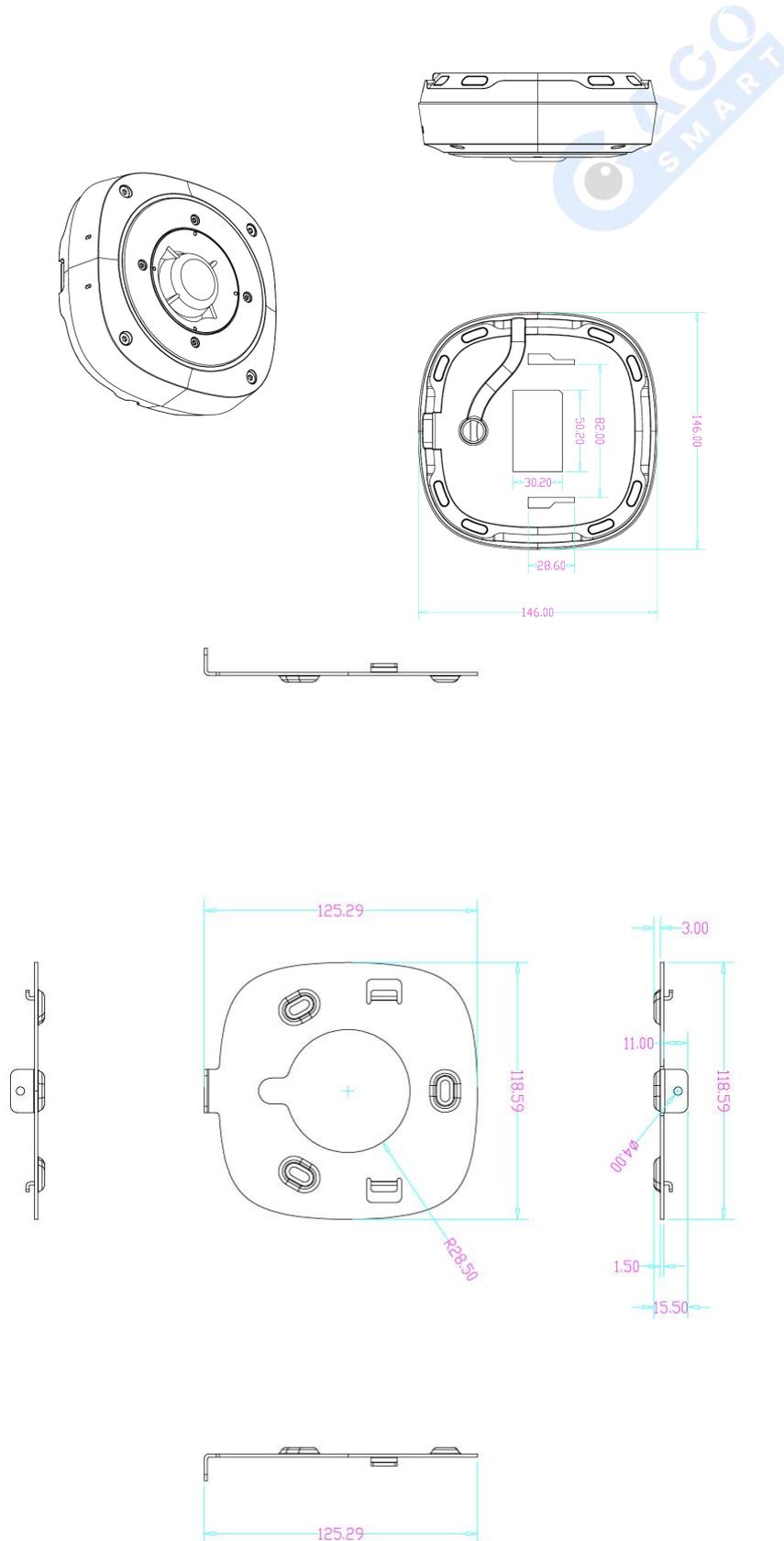
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# 1. Product Introduction

## 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

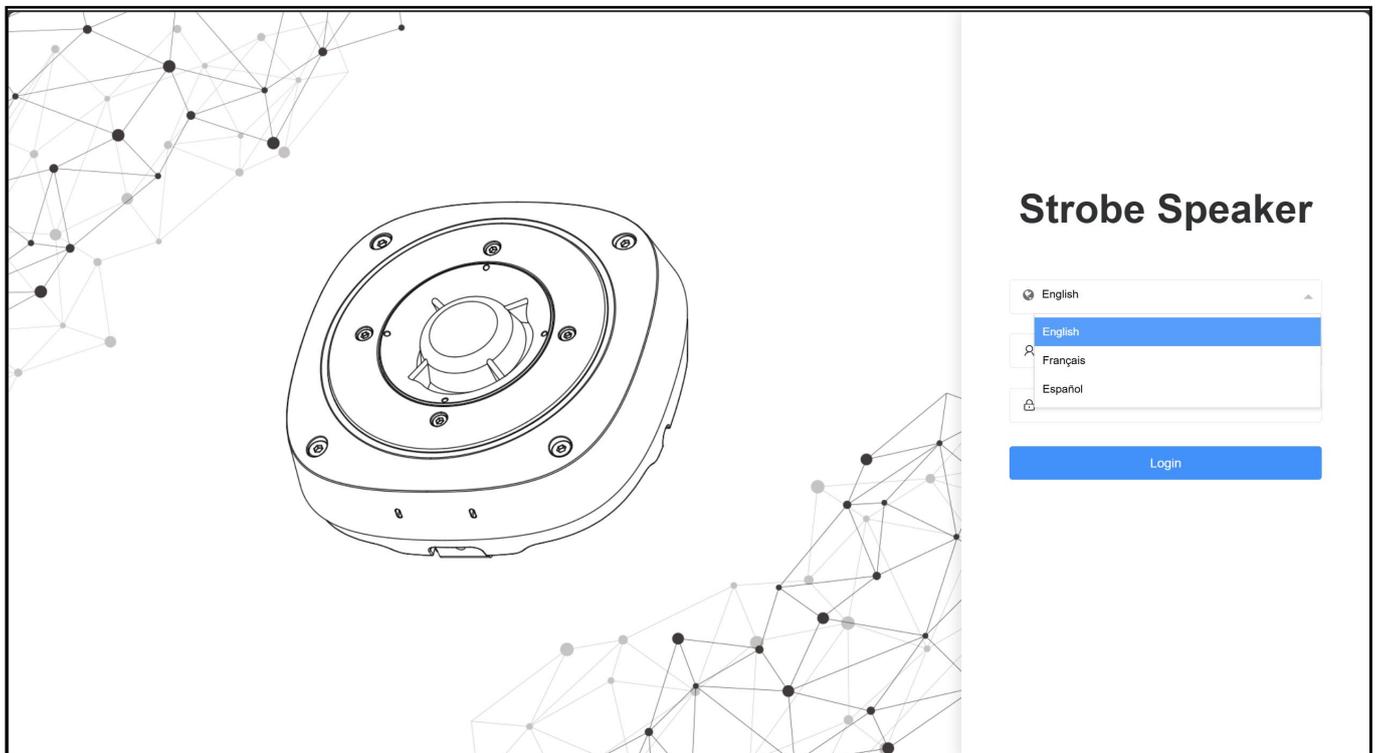
Static IP Address: 192.168.0.100

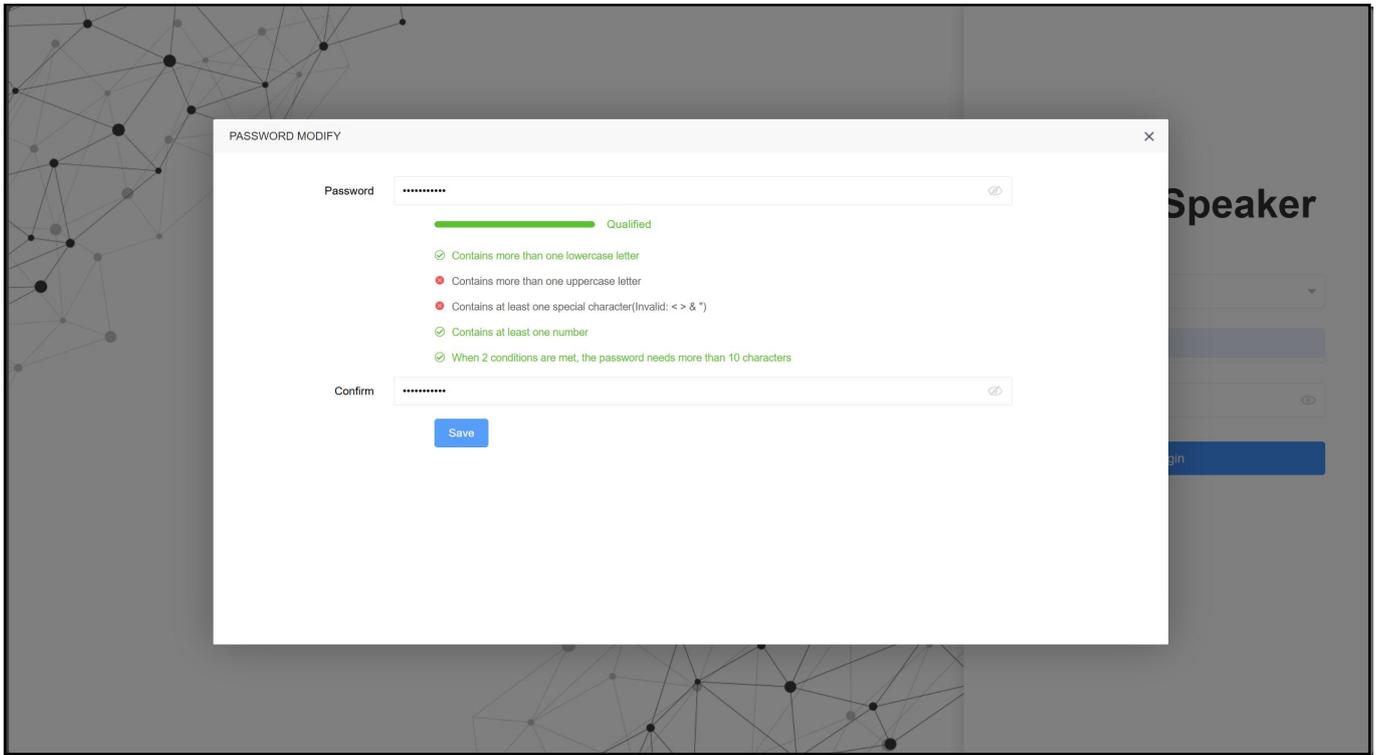
**DHCP Enabled as Default**

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.

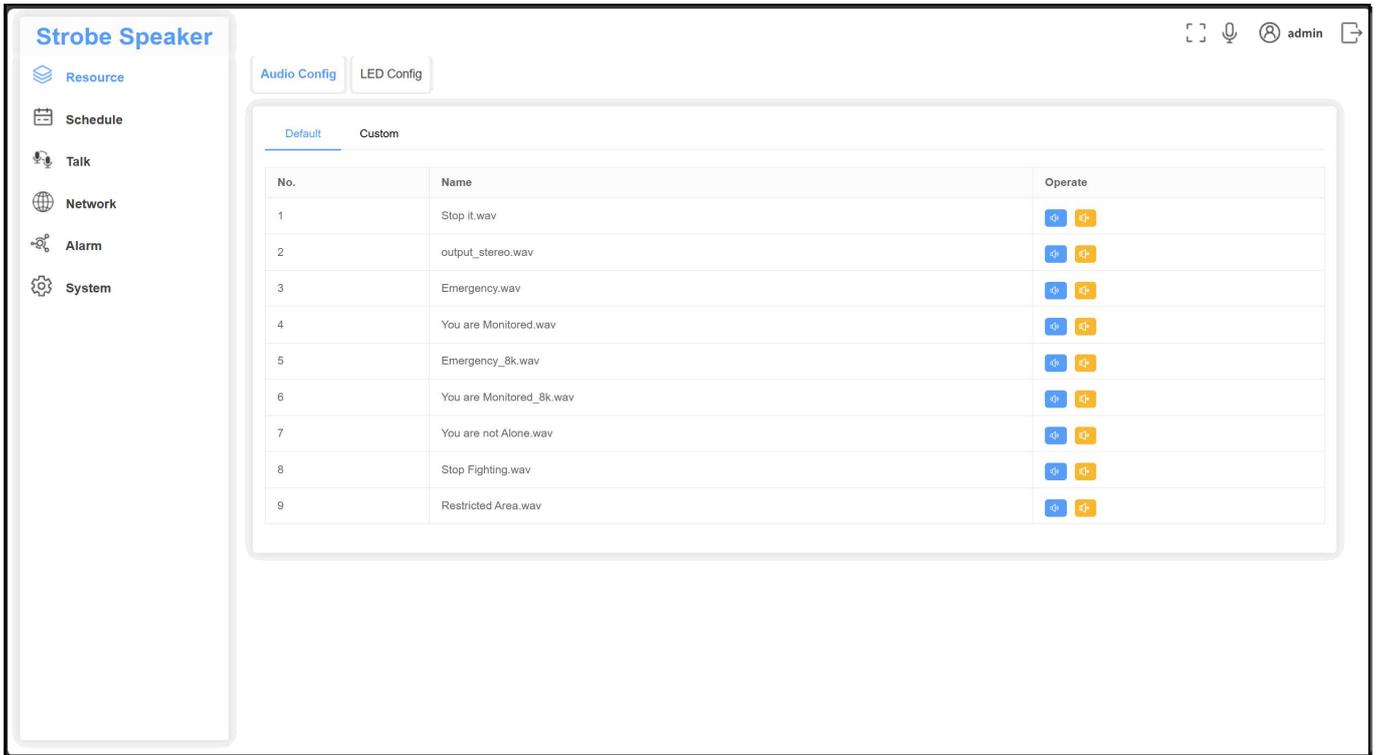
**Audio File Format:** WAV      Channel Type: Mono      Sampling Rate: 8K

**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.

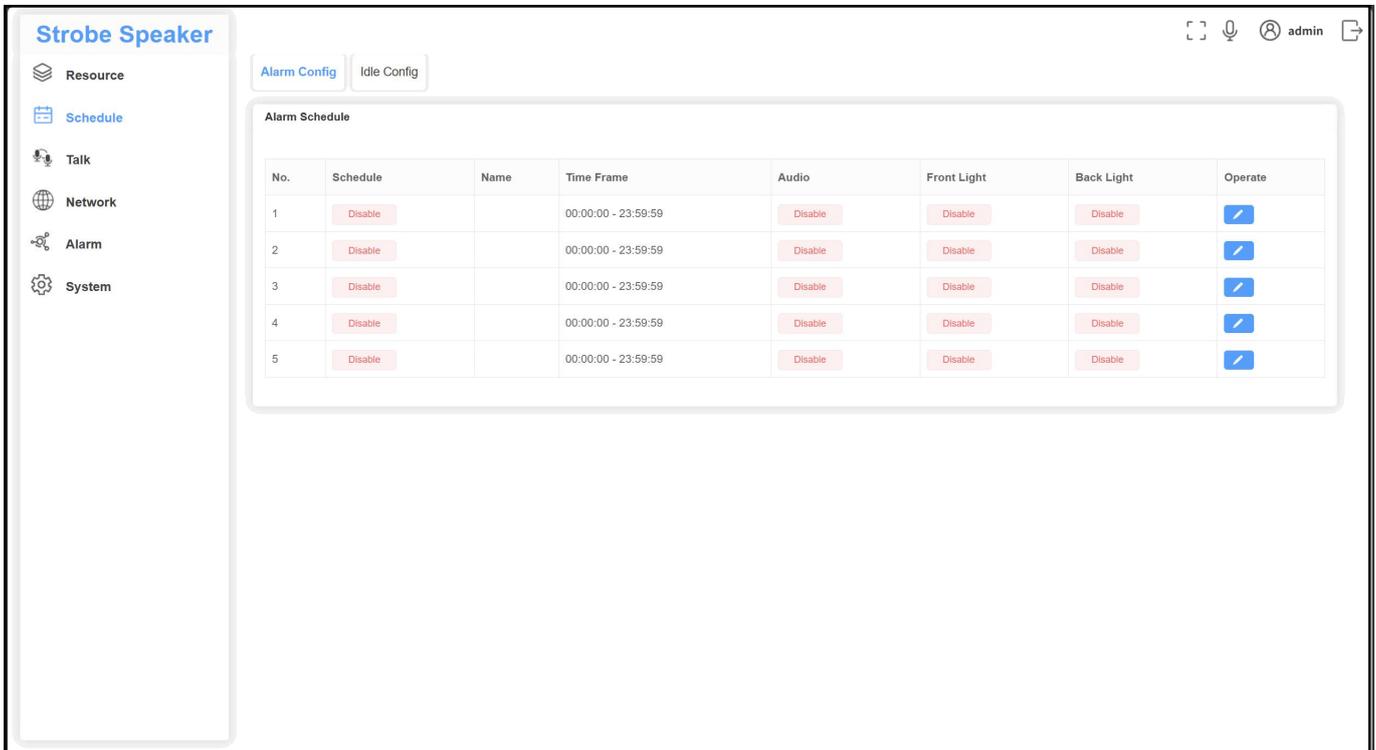
**Note:** Led intensity and strobe frequency can be customized by users freely, they are listed into “Schedule” page.



## 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 Schedule**

Alarm Enable

Name

Time Frame  -

Week Sun  Mon  Tue  Wed  Thu  Fri  Sat

Alarm Out

Duration  (Sec)

---

**Audio**

Audio Enable

Audio File

Audio Volume  80  
(0-100)

**Front Light**

Front Light Enable

Front Light Color1

Front Light Color2

Front Light Mode

Front Light Brightness  255  
(0-255)

---

**Back Light**

Back Light Enable

Back Light Color

Back Light Mode

Back Light Brightness  255  
(0-255)

Network Notification HTTP  BroadCast

Send Email

**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 3<sup>rd</sup> 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.

Idle Schedule

Idle Enable

Name

Time Frame 00:00:00 - 23:59:59

Week Sun  Mon  Tue  Wed  Thu  Fri  Sat

Cycle Mode Once only

Interval 60 (Sec)

Audio

Audio Enable

Audio File Stop it.wav

Audio Volume  80 (0-100)

Front Light

Front Light Enable

Front Light Color1 Green

Front Light Color2 None

Front Light Mode Steady

Front Light Brightness  255 (0-255)

Back Light

Back Light Enable

Back Light Color Green

Back Light Mode Chase

Back Light Frequency 100 (ms)

Back Light Brightness  255 (0-255)

Save Cancel Test

## 5. Talk(Two Way Communication)

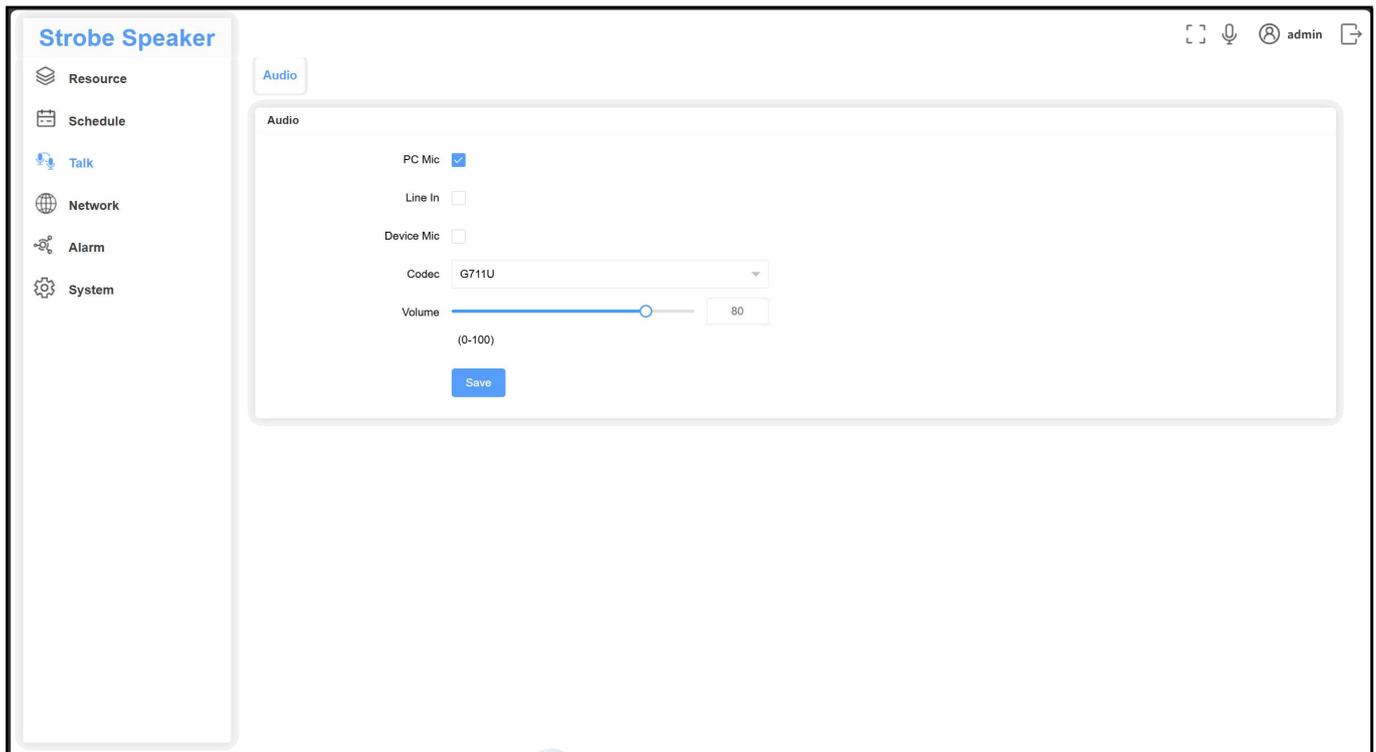
**PC Mic:** If you need to talk via VMS/NVR, you need to ENABLE it. It is default as “Enabled”.

**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.

**Strobe Speaker** admin

TCP/IP **Email** HTTP/HTTPS RTSP WIFI

Enabled

Alarm Subject

SMTP Server

SMTP Port

Encryption Method

Send Email

Sender Password

Recipient Address

Recipient Address

Recipient Address

Recipient Address

**HTTP/HTTPS:**

HTTP default port is 80, Onvif port is same as HTTP.  
 HTTPS default port is 443.

HTTP

HTTP Port

ONVIF Port   
 (Same as HTTP Port)

HTTPS

Enable

HTTPS Port

**RTSP:**

RTSP default port is 554.

Port   
 (1-65535)

RTSP Authentication

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

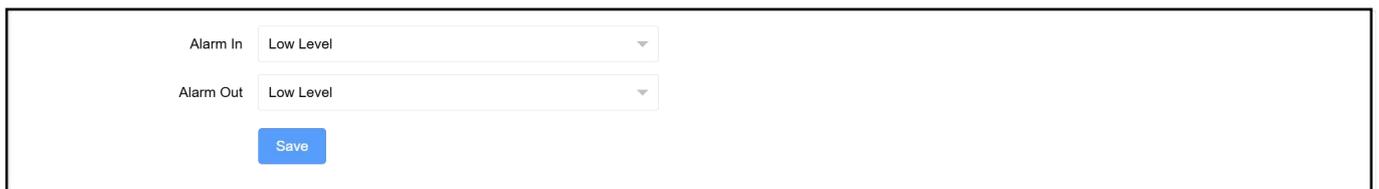


The screenshot shows a WiFi configuration interface. At the top, there is an 'Enable' checkbox which is currently unchecked. Below it are input fields for 'SSID' and 'Password'. A 'Connection Status' field shows 'UnConnected'. There are two buttons: 'Save' and 'WiFi Scan'. A large blue watermark 'GAGO SMART' is visible on the right side. Below the configuration fields is a section titled 'WiFi List' which contains a table with three columns: 'No.', 'SSID', and 'Signal Level'.

## 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.



The screenshot shows the Alarm Level configuration interface. It features two dropdown menus: 'Alarm In' and 'Alarm Out', both currently set to 'Low Level'. A 'Save' button is located below the dropdowns.

### 7.2 HTTP Linkage

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



The screenshot shows the HTTP Linkage configuration interface. It includes an 'Enable' checkbox (unchecked), a 'Server' input field, and an 'Auth Method' dropdown menu set to 'None'. The 'Content' field contains a pre-formatted XML string: `<DeviceID>2507150000</DeviceID>  
<SoftwareVer>1.0.0.5(202509151)</SoftwareVer>  
<MACAddress>8C:1F:64:A3:6B:87</MACAddress>  
<IPAddress>192.168.1.105</IPAddress>  
<AlarmType>HttpApi Alarm</AlarmType>  
<AlarmTime>2025-09-18T15:54:51Z</AlarmTime>`. There are 'Save' and 'Test' buttons at the bottom.

### 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.

**Send Option**

Full Network

Method  IP List  
 IP Segment

**Receive Option**

Enable

## 8. System

### 8.1 Device Info

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

Device Model

Firmware Version

Device Name

MAC Address

IP Address

### 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.

Auto Reboot

Reboot

Factory Default

Configuration File

Profile upload

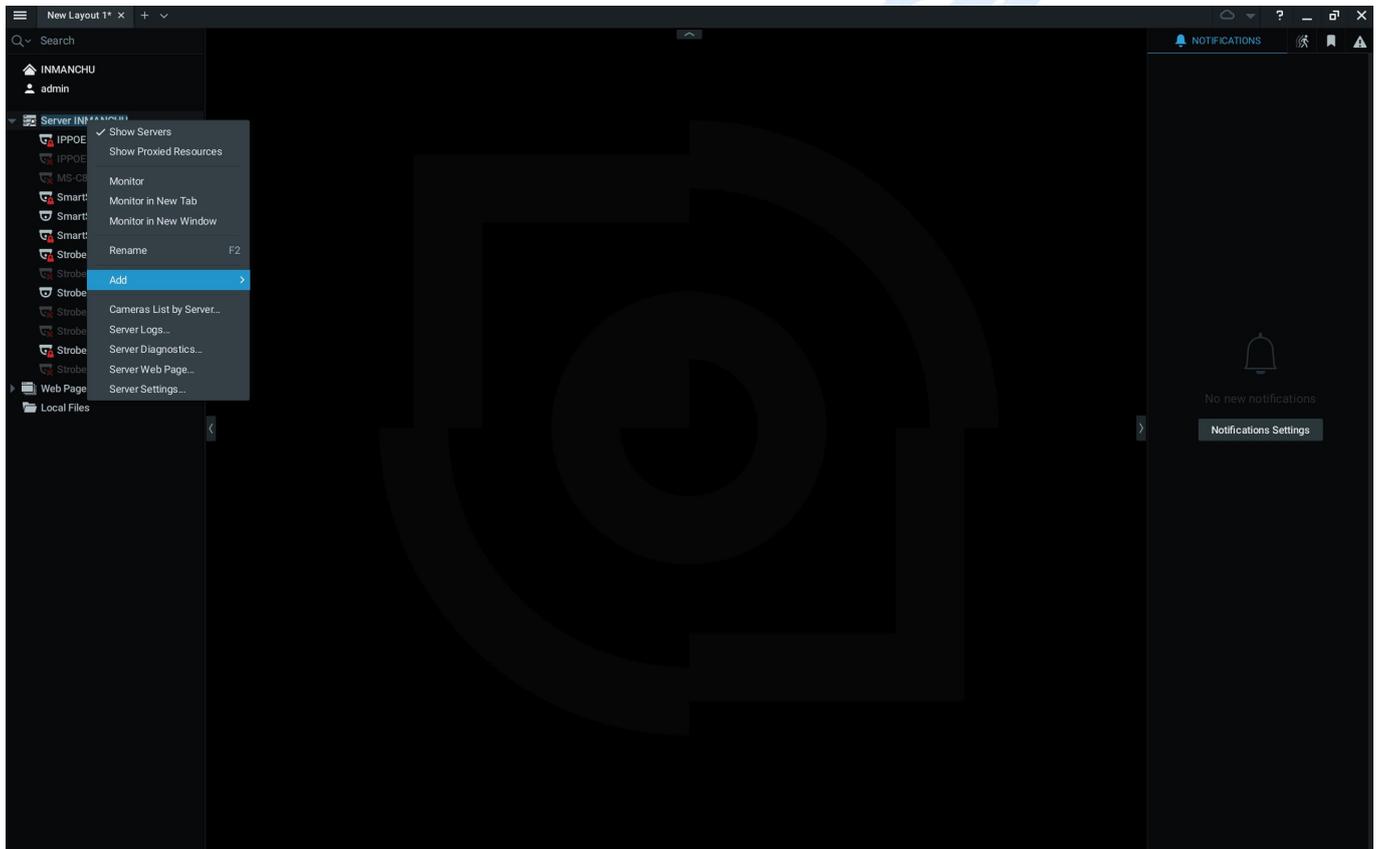
Firmware Upgrade

## 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”.

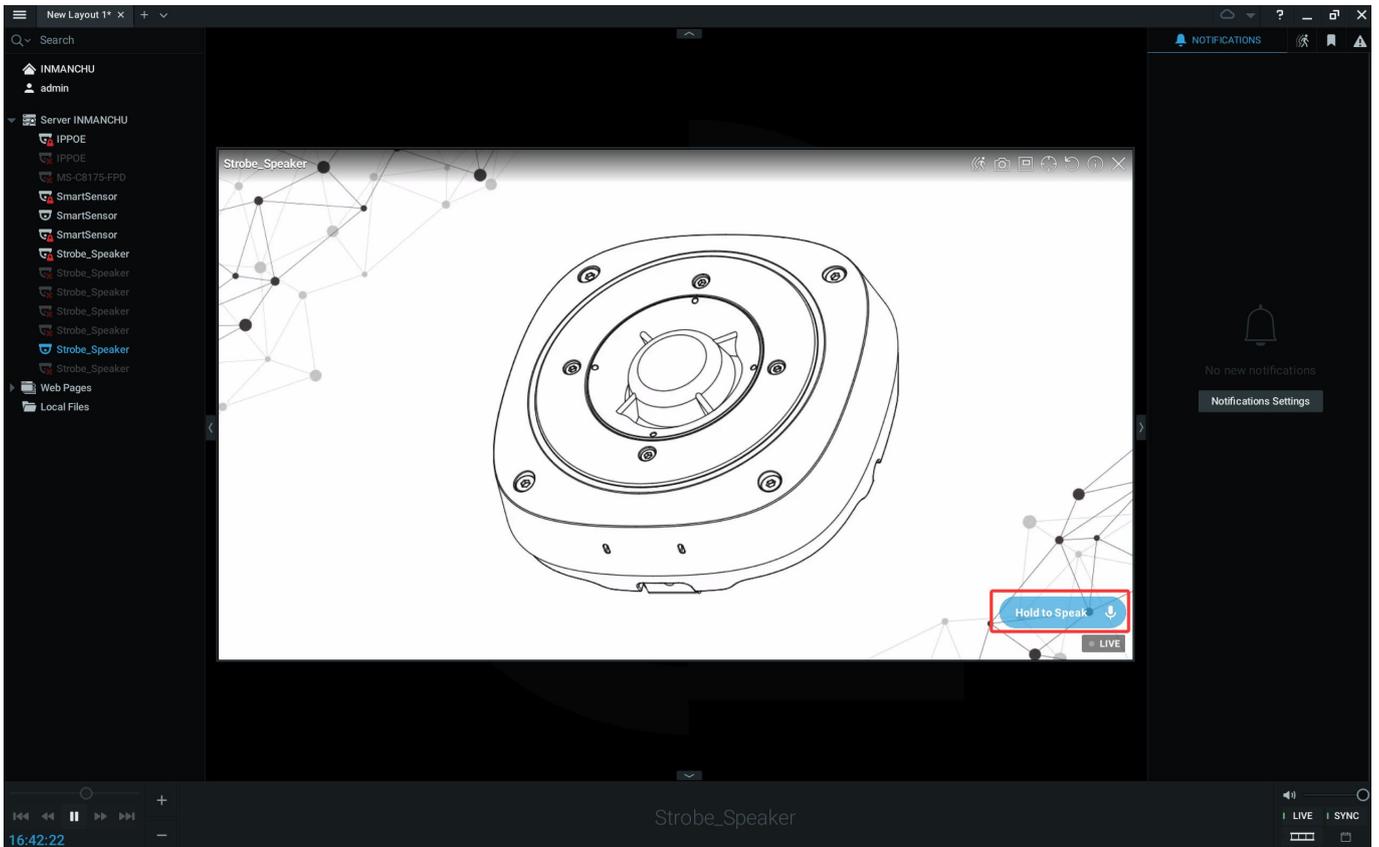
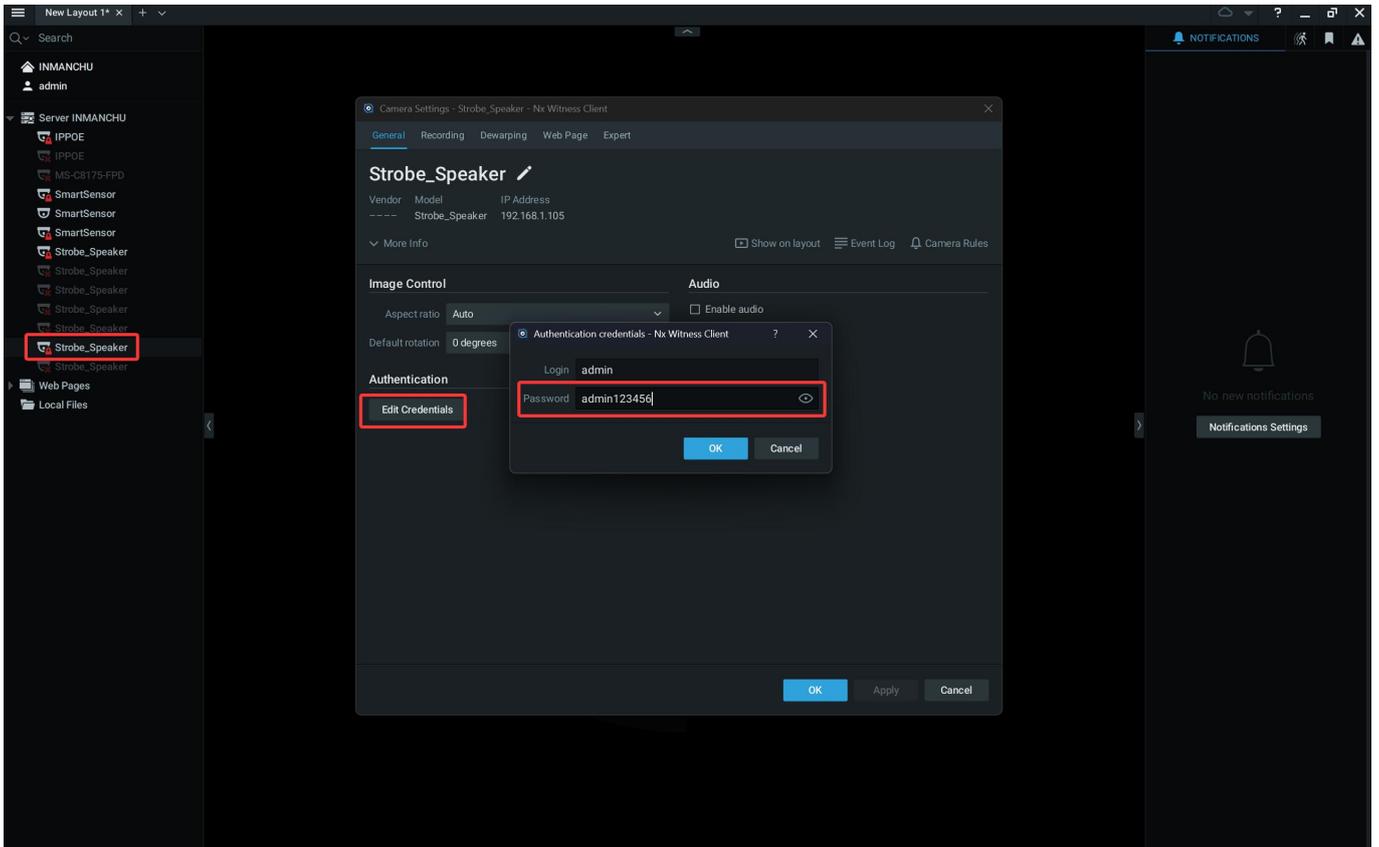
**Note:** Since IP strobe speaker is Onvif compliant, so on the left side of NX VMS, it will find out the IP strobe speaker directly.



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:



## 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>
```

