



***Lumens***<sup>®</sup>

# Shure P300 & CamConnect (AI-Box1) Setting Guide

## Purpose

- Help users quickly install Lumens **CamConnent Pro** and **Shure P300**.
- These setting tips are the sharing of the key steps summarized after we have installed this system many times.

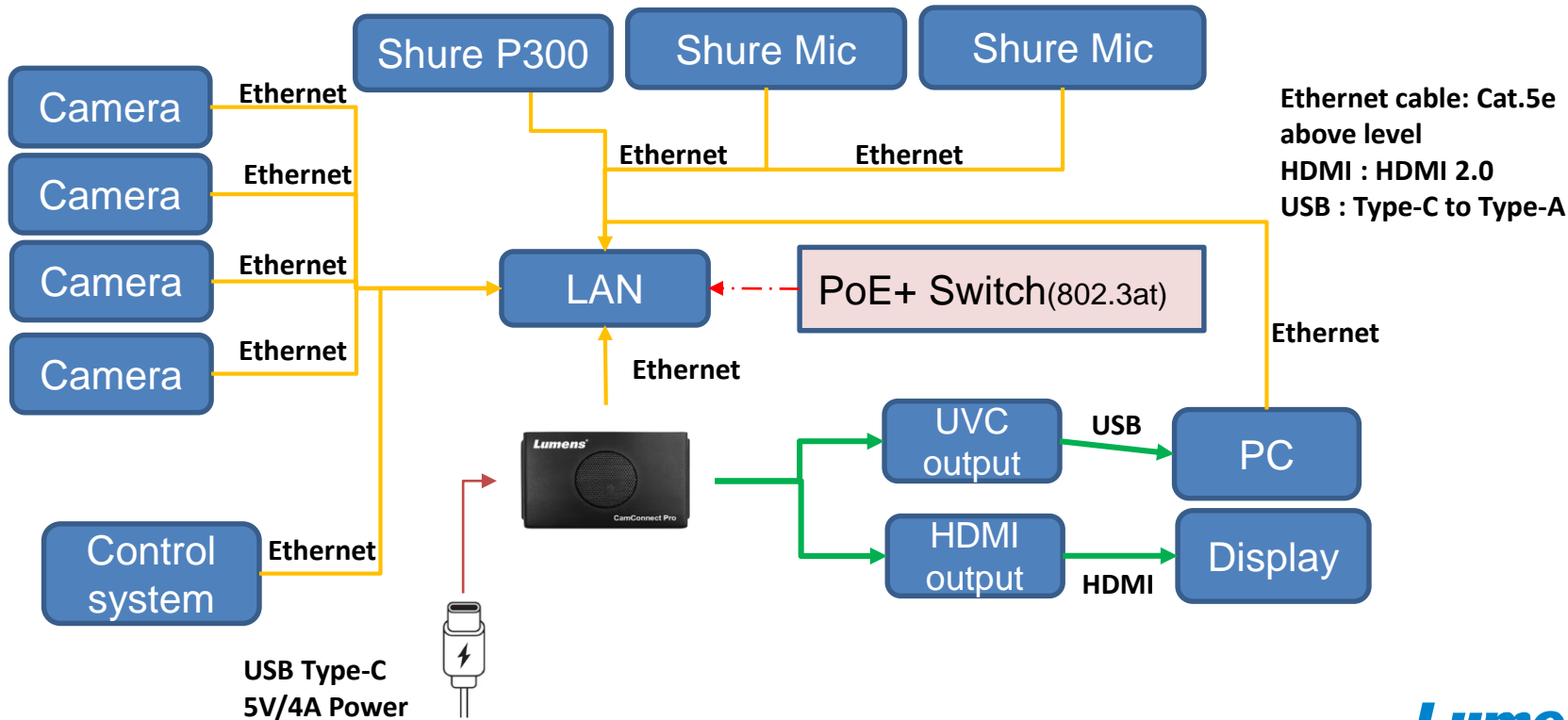
## Prepare

- This document uses **Shure P300** as an example of setting.
- Please install Shure P300, Lumens CamConnect Pro and Lumens PTZ cameras on the same LAN (same class C network).
- For the first installation, you need to prepare a router or Switcher with DHCP server function.

# Hardware Settings

# Set up Environment

Please connect Cameras, Microphone, and AI-BOX1 in the same LAN.



# Device Discovery

Designer 6





File Edit Room Tools View Help

Untitled design-1 X MXA310-1 X P300-1 X 4 Online devices X P300-54881c X

Online devices

Search Add by IP IP Group: 12323 Hide offline

Drag column headers here to set row groups

Device name		Device model	IP address
 MXA310-54a3fc	ID	MXA310	192.168.11.19
 MXA310-549ef2	ID	MXA310	192.168.11.18
 MXA920-S-615289	ID	MXA920-S	192.168.11.26
 P300-54881c	ID	P300	192.168.11.78

1. Download “Shure Designer 6” software from below hyperlink.

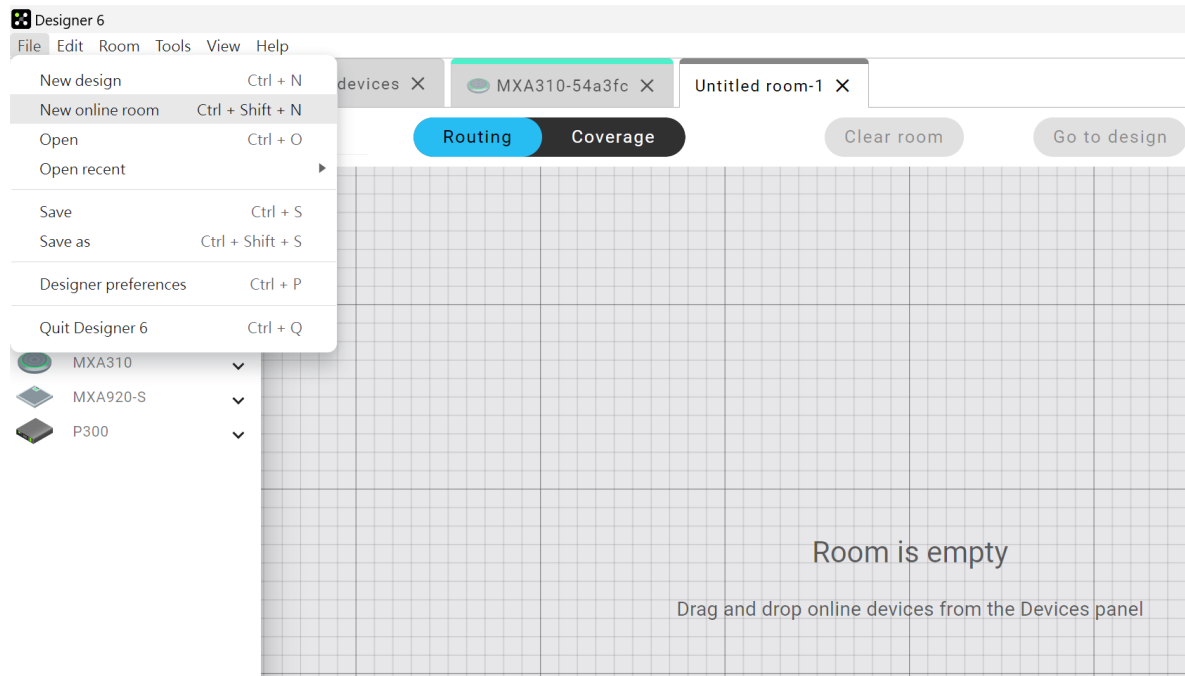
<https://softwarestore.shure.com/1720/?scope=registration&id=z2JNJxxzsM&crel=language>

2. Install and run this software.

3. You will get the IP address for Shure devices.

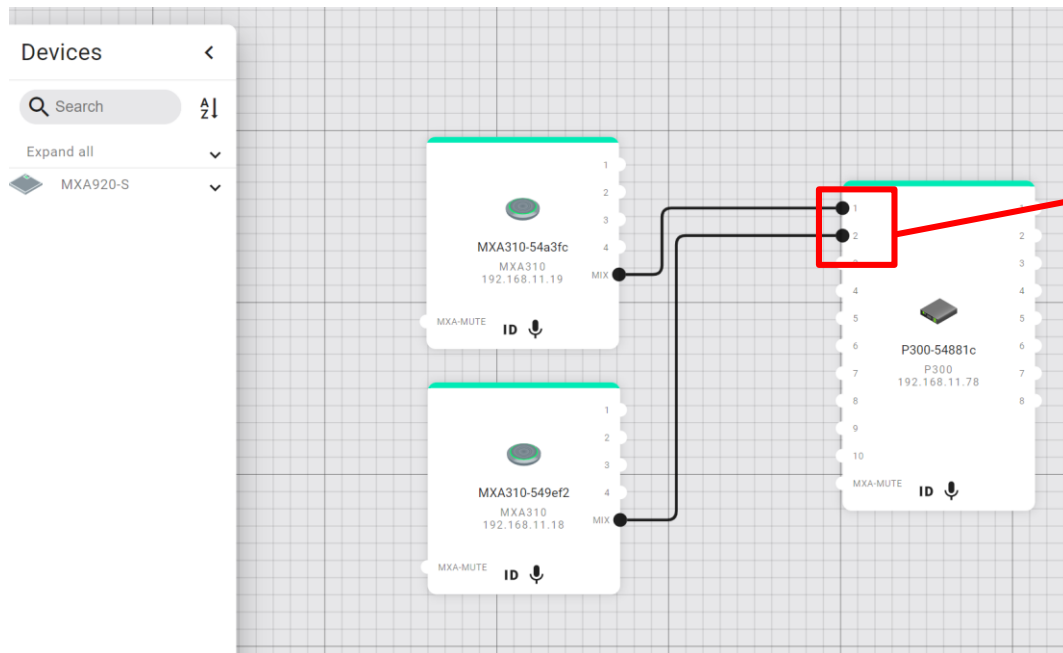
# Build new online room

Go to [File] -> [New online room]



# Connection in P300

1. Allocate devices in the Room.
2. Connect microphone to P300. The input channel no. in P300 corresponds to AI-BOX1 Array No.



Device & Camera Mapping

Mapping Qty.

Array No.	Primary Camera	Secondary Camera	Preset No.	AI Setting
1	VC-TR40(192.168.6.56)	Off	1	Off
2	VC-TR61(192.168.6.90)	Off	2	Off
3	Off	Off	3	Off
4	Off	Off	4	Off
5	Off	Off	5	Off
6	Off	Off	6	Off
7	Off	Off	7	Off
8	Off	Off	8	Off



# CamConnect Pro settings

## ■ Support Device & Settings

Go to CamConnect Pro webpage (Enter CamConnect Pro IP address on the browser)

1. Pull down the Device item and selects [Shure P300]
2. Enter the IP address of Shure P300, kick blank area and press [Apply]
3. Switch the [Connect] button to connect with P300.
4. **Time to Trigger Preset:** This function is the camera will start moving to the preset point only after a person's voice exceeds a certain duration. Range is 0.1sec~5 secs.
5. **Back to Home Camera & Back to Home Position:** Press [Set], You can choose which camera you would like to let it back to Home, and which preset position you would to return back.

1.Shure:P300

### Array Microphone

Device	① Shure:P300 ▼
Device IP	② 192.168.11.78
Port	2202
Connect	③ <input type="checkbox"/>
Time To Trigger Preset	④ 1 Sec ▼
Back to Home	⑤ Set

② Apply Cancel

⑤ CamConnect Processor

Back To Home Time (s)	10
Back To Home Camera	All ▼
Back To Home Position	Home ▼ 0


Apply





## ■ Connection Camera

1. Search camera in the LAN
2. Connect the camera you need.
3. Make sure the resolution of connected cameras is same as CamConnect Pro setting.( Default is 1920\*1080 60P0)

**Camera List**

Resolution **③** 1920\*1080 ▼ FPS 60 ▼

**①**  Manual IP  **Add** **②**

Device Name	IP / USB	Status	Connect	Operation
VC-TR60A	192.168.7.44		<input type="checkbox"/>	PTZ Control 
TR40-Pa-TST1	192.168.7.56		<input type="checkbox"/>	PTZ Control 
VC-TR40-AT	192.168.7.66		<input type="checkbox"/>	PTZ Control 
VC-R30	192.168.6.123		<input type="checkbox"/>	PTZ Control 

## ■ Camera Preset Setting

According to the sound position to set the camera preset.

1. Enable the [Voice tracking].
2. Make sound and check the flashing Array No. of green light. If the green light is flashing on Array No.1, please select the Primary camera to set the preset position you need.

Voice Tracking



3.Shure:P300

**Array Microphone**

Device: Shure P300

Device IP: 192.168.7.79

Port: 17300

Connect: ☒

Audio Trigger Level (dB): 30

Time to Trigger Preset: 1 Sec

Back to Home Time: 10 Sec

Back to Home Camera: All

Back to Home Position: Home

Apply Cancel

**Device & Camera Mapping**

Mapping Qty: 15

Mic. Array No.: 1

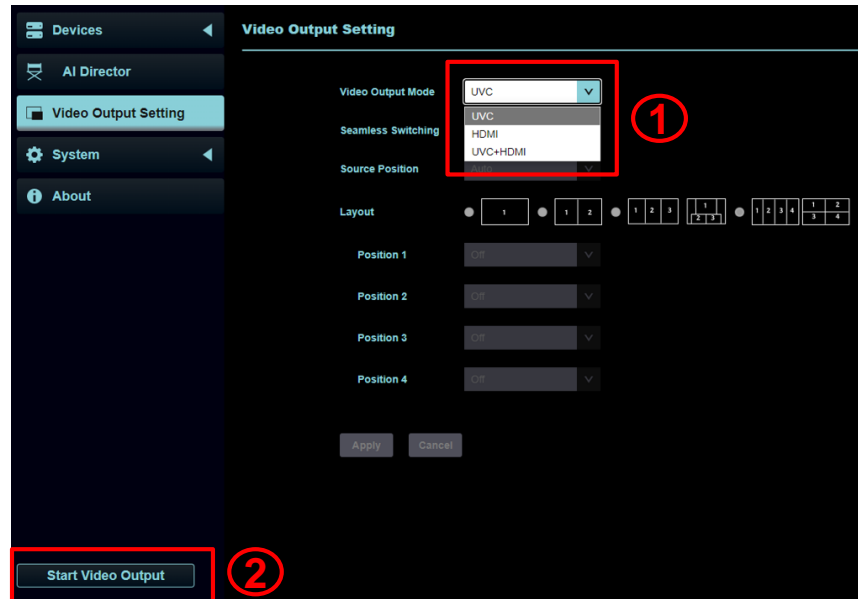
Array No.	Primary Camera	Secondary Camera	Preset No.	AI Setting
1	VC-R30(192.168.6.123)	Off	1	Off
2	VC-TR60A(192.168.7.44)	Off	2	Off
3	TR40-Pa-TST1(192.168.7.56)	Off	3	Off
4	VC-TR40-AT(192.168.7.66)	Off	4	Off
5	Off	Off	5	Off
6	Off	Off	6	Off
7	Off	Off	7	Off
8	Off	Off	8	Off

Apply Cancel

## ■ Video output setting

1. Choose Video output you want, and then press [Apply]. (Remind: UVC+HDMI might be more latency when device is busy.)
2. Press [Start Video Output].

Video will output on your display.



# Thank You!



MyLumens.com



Contact Lumens

