

User Manual

HS900



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Safety Precautions

To ensure the best performance from the product, please read all instructions carefully before using the device. Save this manual for further reference.

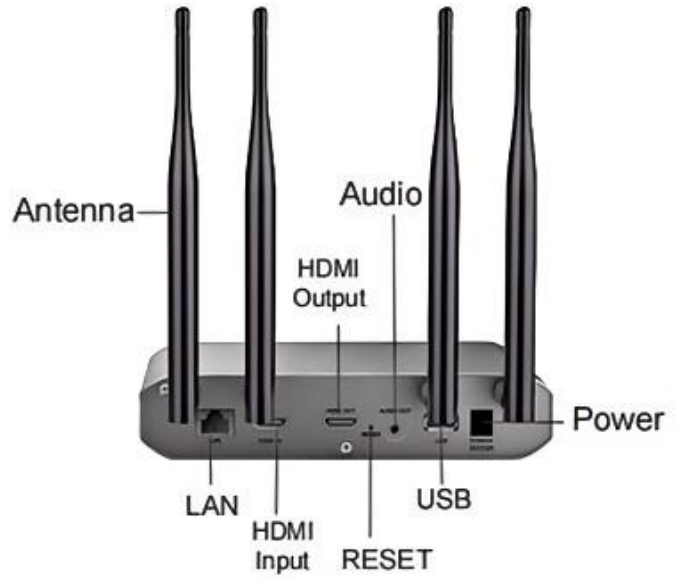
- ◆ Unpack the equipment carefully, and save the original box and packing material for possible future shipment

Wireless Presentation systems

- ◆ Follow basic safety precautions to reduce the risk of fire, electrical shock, and injury
- ◆ Do not dismantle the housing or modify the module (electrical shock or burn hazard)
- ◆ Using supplies or parts not meeting the products' specifications may cause damage, deterioration, or malfunction
- ◆ Refer all servicing to qualified service personnel
- ◆ To prevent fire or shock hazard, do not expose the unit to rain or moisture, or install this product near water
- ◆ Do not put any heavy items on the product's power cable
- ◆ Do not remove the housing of the device, as opening or removing the housing may expose you to dangerous voltages or other hazards
- ◆ Install the device in a place with sufficient ventilation to avoid damage caused by overheating
- ◆ Keep the module away from liquids
- ◆ Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately
- ◆ Do not twist or pull by force ends of the optical cable. It can cause malfunction
- ◆ Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning
- ◆ Unplug the power cord when left unused for a long period of time

Size&Accessories

Size:



Accessories:



Gift box



Receiver



Antennas



Adaptor

Transmitters:

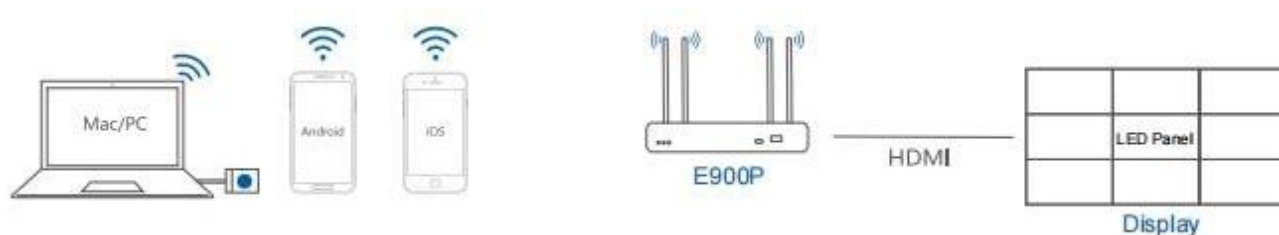


Specifications

System	Linux
CPU	A55 Quad-core 1.8GHz
Video Output	1*HDMI 2.0, Max 4K60
Interface	1*USB-C, 2*USB-A, 2*HDMI 1*WLAN, 1*3.5mm Audio
Split Screens	9
Simultaneous connections	64
Display resolution	Max 4K
Dual Band WIFI	Wifi AP:Wifi 6, 2T2R Wifi STA: Wifi 5, 2T2R
Protocol	802.11ax, 802.11ac, 802.11n
Distance	50m
Latency	< 150ms
Transmitter	USB-A/TYPE-C/HDMI
AirPlay/Miracast	Support
BYOM	Support USB and HDMI camera, USB mircophone andspeaker
Power	12V/2A
Touch-back	Support

How to Present

With Transmitter: Connection diagram



1. Power on the base unit, and connect LED Panel or other display screens with HDMI cable,
2. Pairing the transmitter with base unit, and select the HDMI Sourcing on display screen, it would come with the booting screen,
3. Plug the transmitter on your laptop or other devices, click the transmitter when the light turns red to start your wireless presentation.

Remark: USB-A transmitter would need to run a small app to present, USB-C and HDMI transmitter needn't.

AirPlay:

1. Connect the wifi on the Receiver, keep iPhone and Receiver in the same network,
2. Find the function of Screen Mirroring on iOS devices and click, then select the SSID the same on the display screen,
3. Click the SSID and start to present.

BYOM HS900



Miracast:

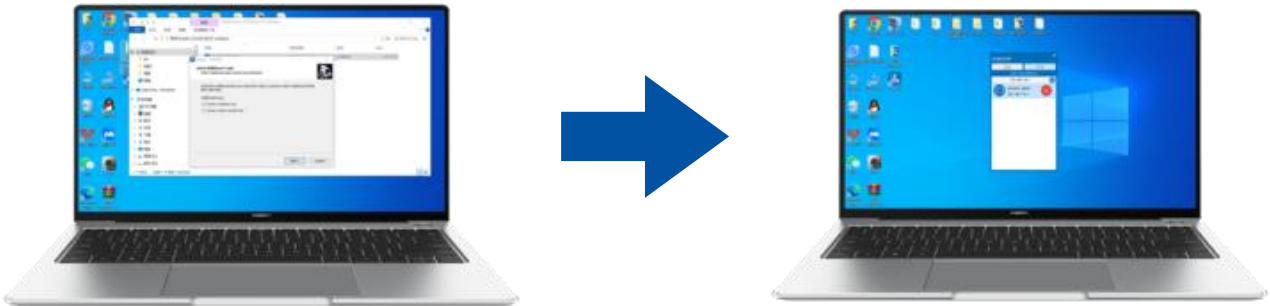
1. Find the function of Wireless Casting and click the button,
2. Select the SSID the same on the display screen,
3. Click the SSID and start to present.



Wireless Presentation systems

WIN Software:

1. Download the software on laptop or PC,



Android APP:

1. Scan the QR code and download the APP(Neutral APP ESHOW)

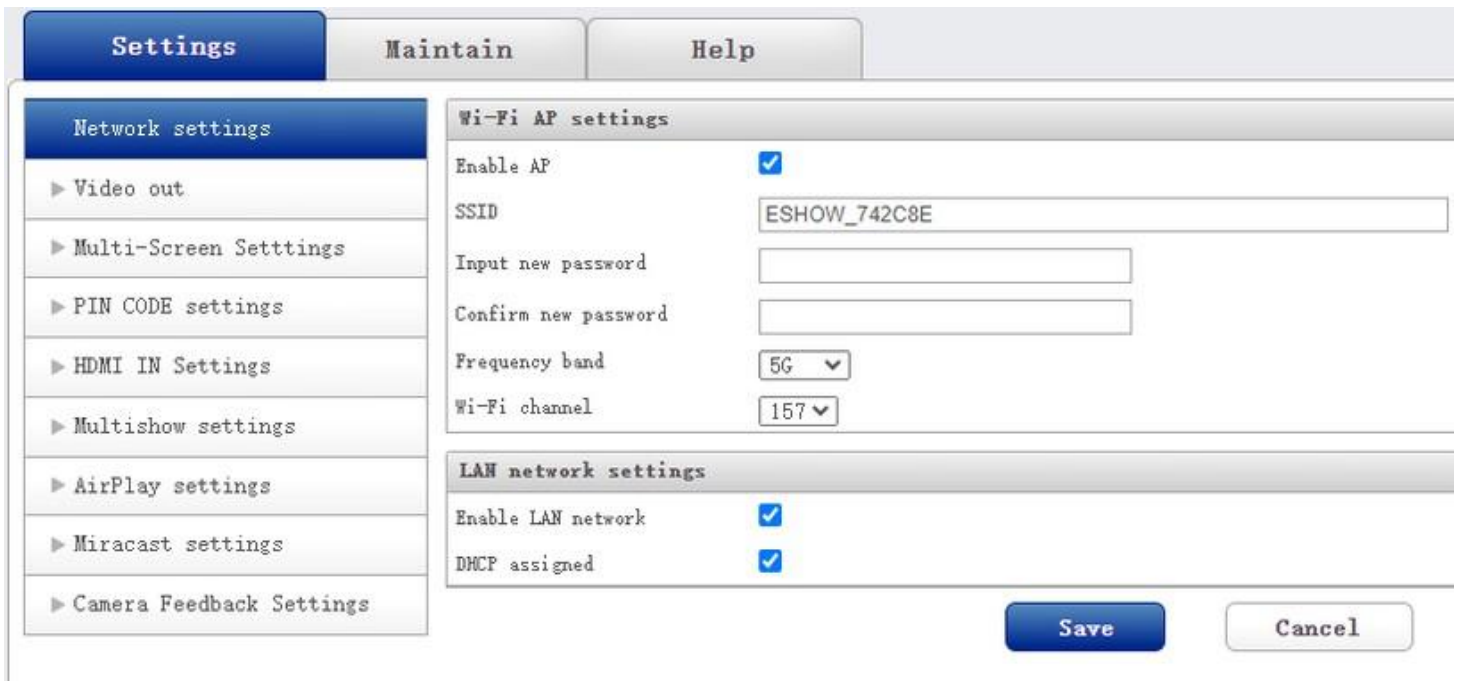
Scan and download ESHOW APP(For Android)



WEB Settings

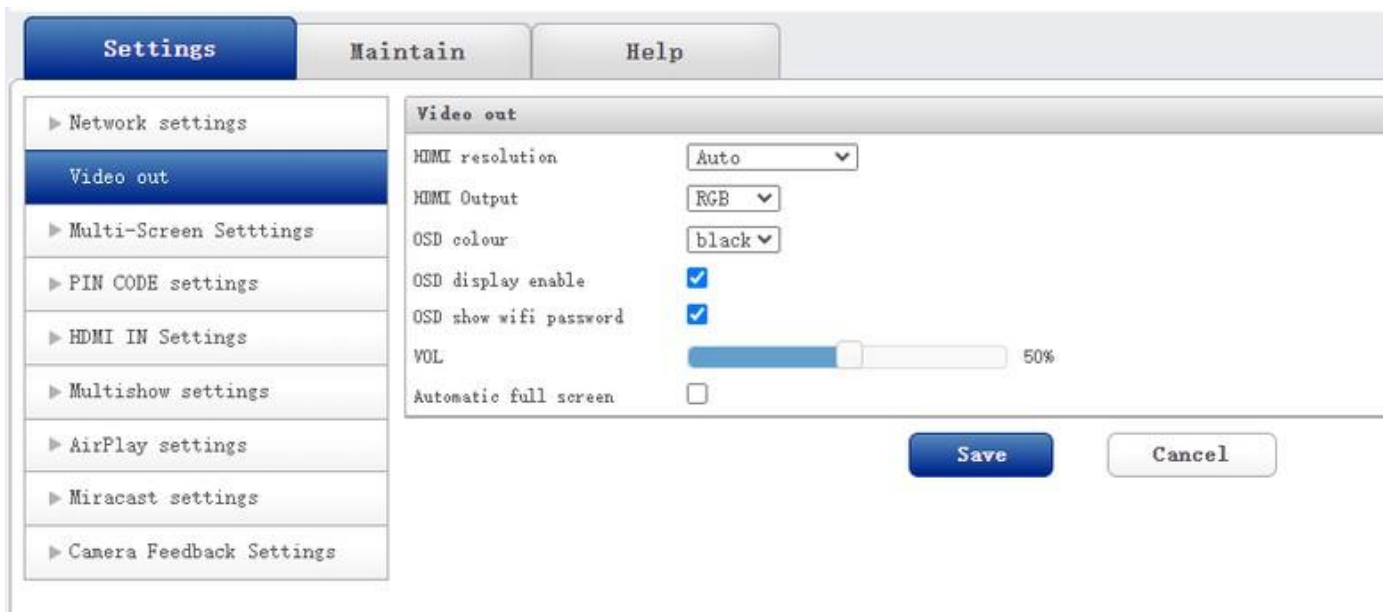
Find the IP on the display screen, it's better to use Google tracelessbrowser,
The account name and password is the same "admin", please use lower-case words

Settings-Network Settings:



- Enable AP >>> Configure AP or NOT SSID >>> Configure SSID name
- Input new password >>> Configure new SSID password Confirm new password >>> Confirm new SSID password
- Frequency band >>> Configure 2.4G or 5G band, default 5G,
- Wi-Fi channel >>> 11 Channels for 2.4G, 9 channels for 5G, default channel 157,
- Enable LAN network >>> Configure LAN network or not DHCP assigned >>> Configure DHCP assigned or not

Settings-Video Out:



HDMI resolution >>> HDMI resolution configuration

HDMI Output >>> HDMI Output color configuration

OSD colour >>> OSD font color configuration

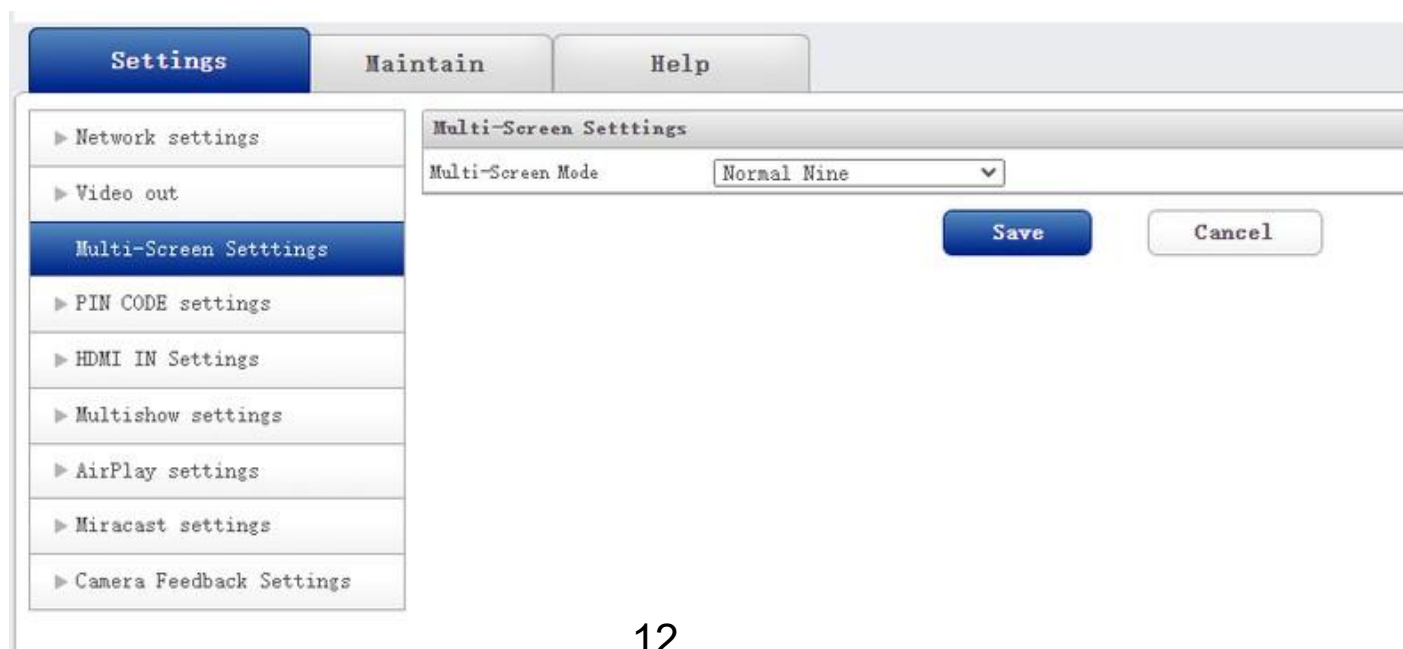
OSD display enable >>> OSD on presenting screen or not configuration

OSD wifi password >>> OSD wifi on presenting screen or not configuration

VOL >>> Video volume configuration

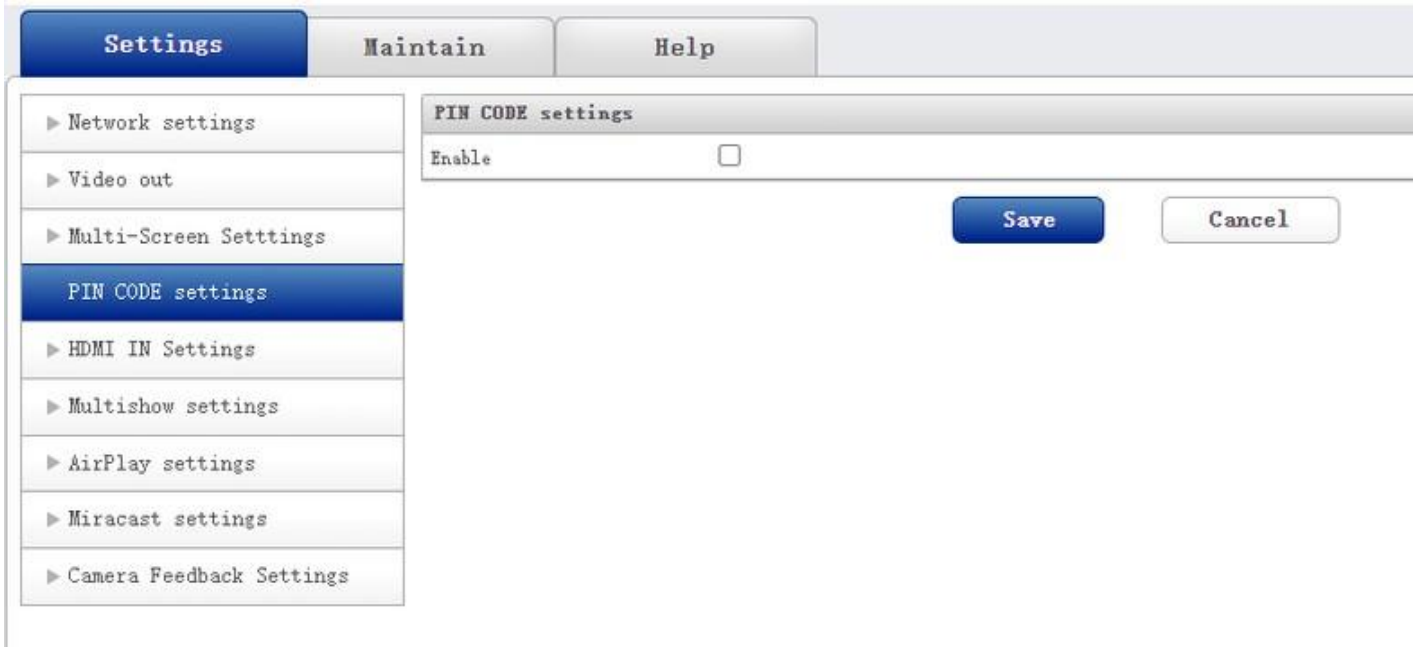
Automatic full screen >>> Automatic full screen or not configuration(For smart phone)

Settings-Multi-Screen Settings:



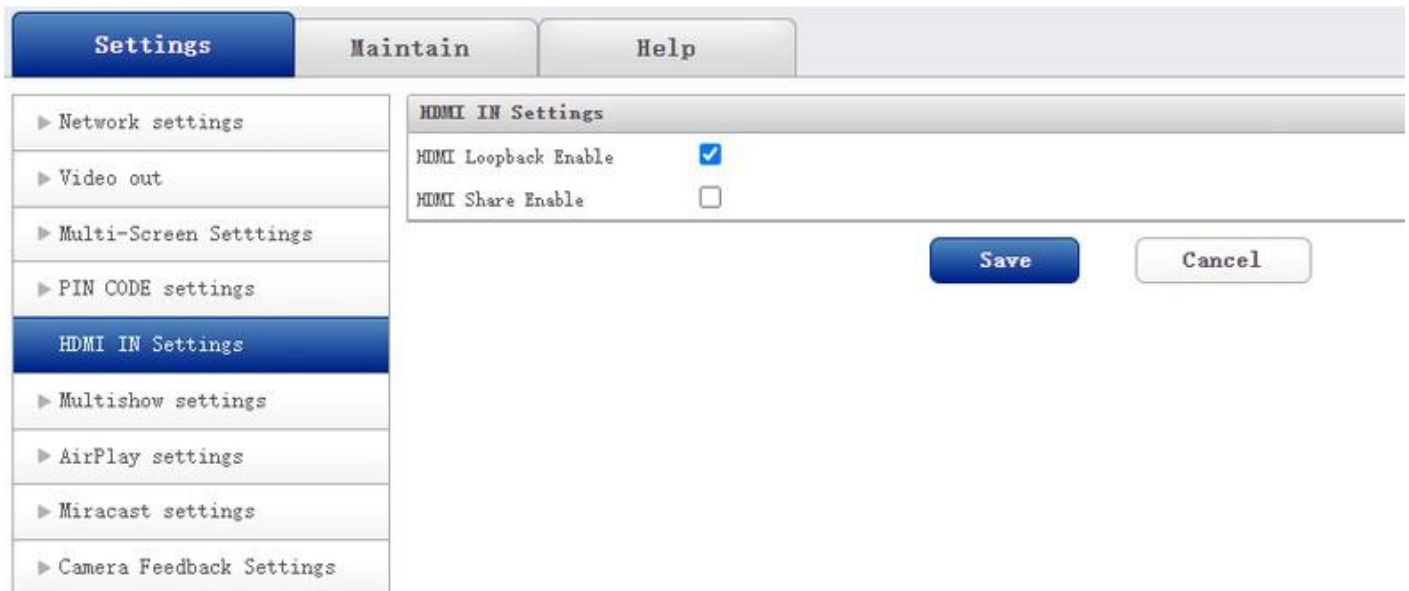
Multi-screen enable >>> Split screens configuration, max 9 screens

Settings-PIN CODE Settings:



PIN CODE configuration

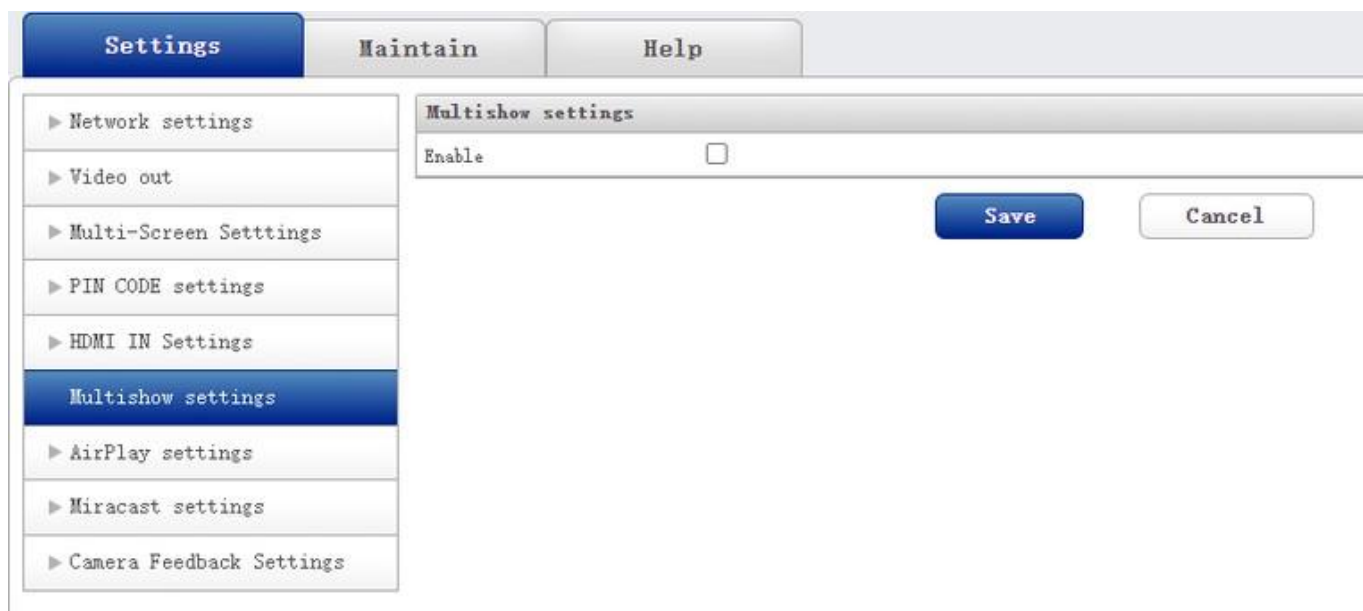
Settings-HDMI IN Settings:



HDMI Loopback Enable >>> HDMI loopback configuration

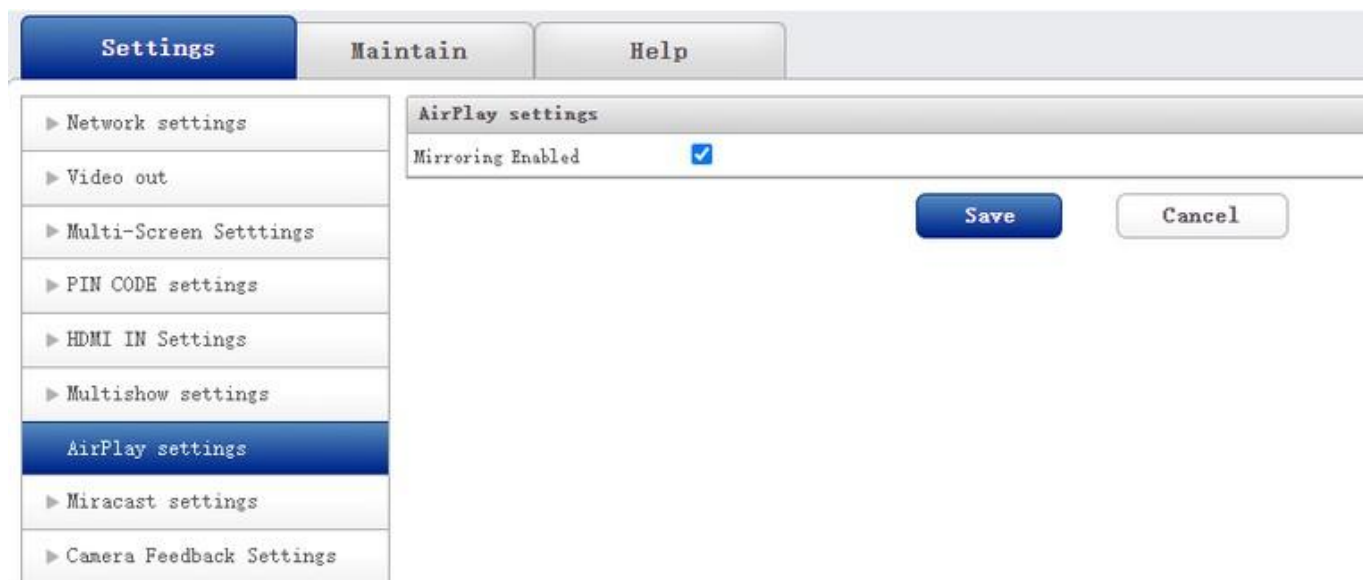
HDMI Share Enable >>> HDMI Share configuration

Settings-Multi-Show Settings:



Multishow configuration, one TX to many RX function

Settings-AirPlay Settings:



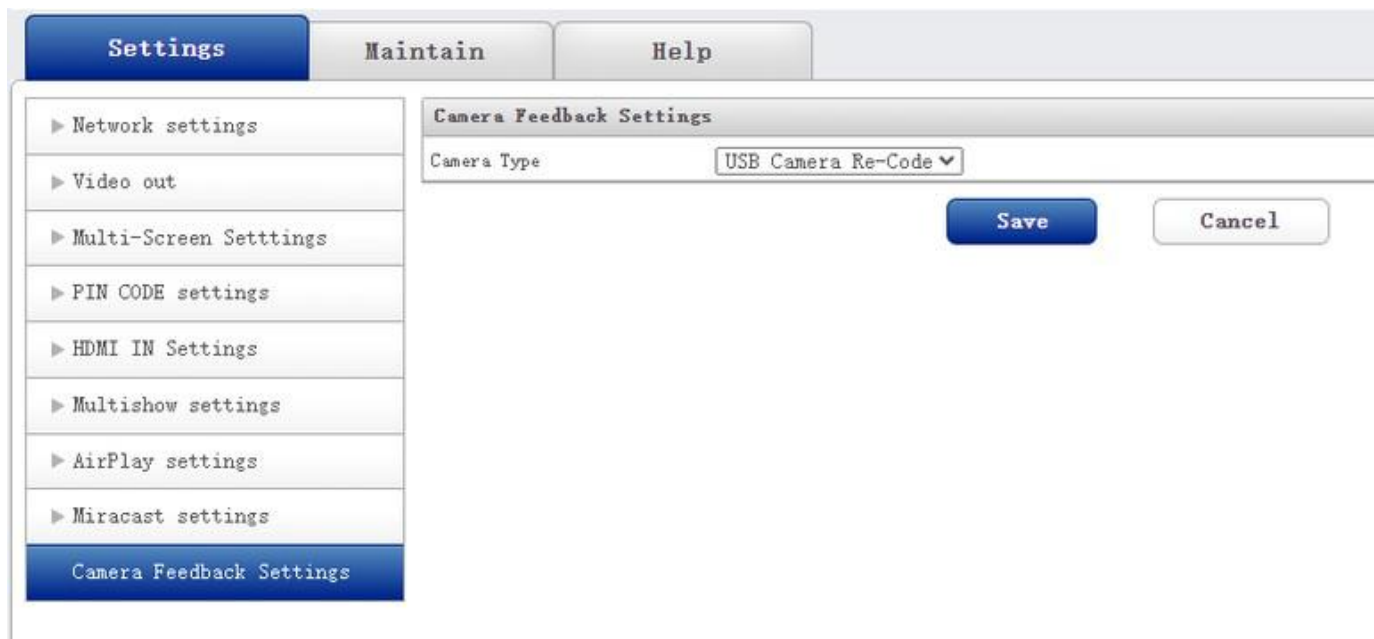
Airplay mirroring configuration

Settings-Miracast Settings:



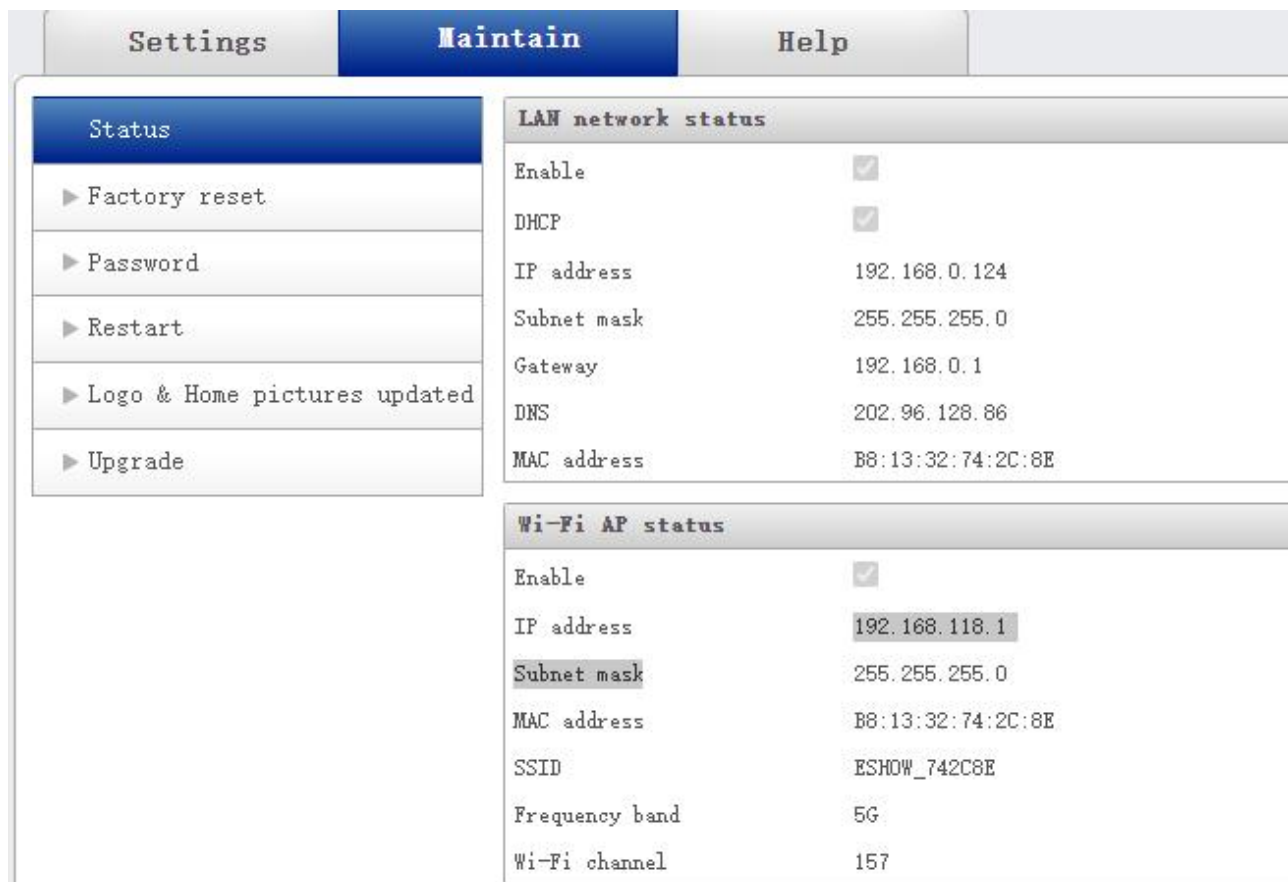
Miracast configuration

Settings-Camera Feedback Settings:



Camera Type ➤➤ BYOM cameral configuration, support SUB camera and HMDI camera

Maintain-Status:

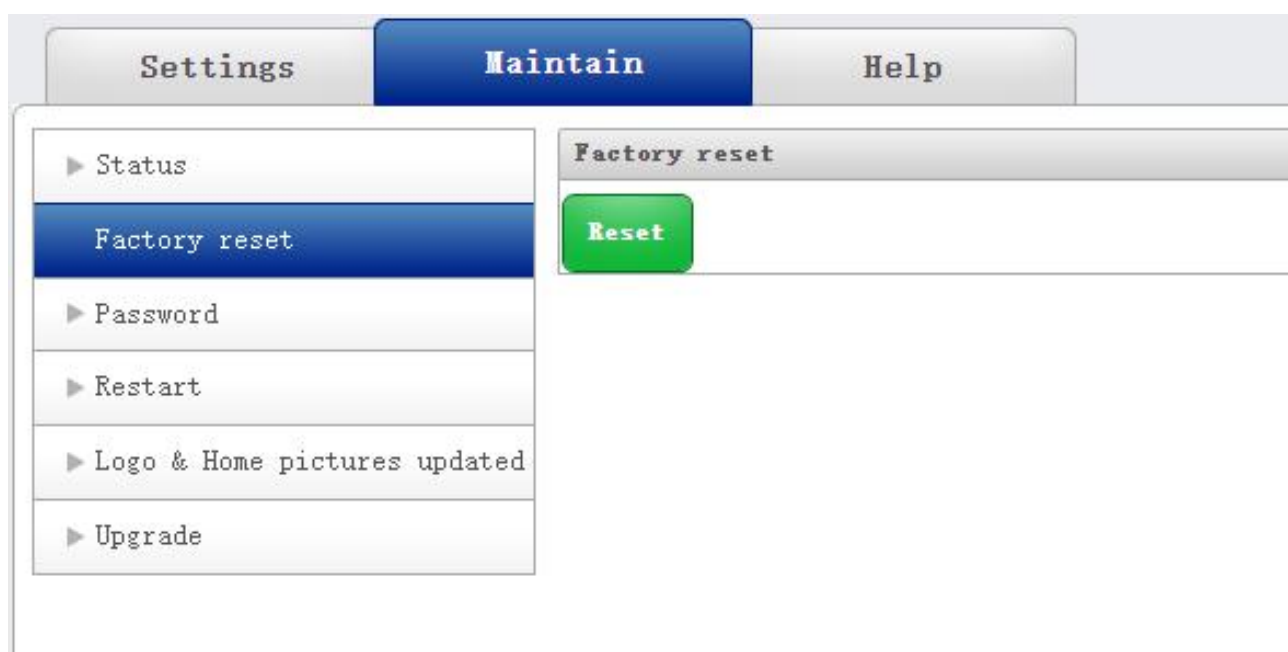


LAN network status	
Enable	<input checked="" type="checkbox"/>
DHCP	<input checked="" type="checkbox"/>
IP address	192.168.0.124
Subnet mask	255.255.255.0
Gateway	192.168.0.1
DNS	202.96.128.86
MAC address	B8:13:32:74:2C:8E

Wi-Fi AP status	
Enable	<input checked="" type="checkbox"/>
IP address	192.168.118.1
Subnet mask	255.255.255.0
MAC address	B8:13:32:74:2C:8E
SSID	ESHOW_742C8E
Frequency band	5G
Wi-Fi channel	157

The Status shows all the configurations on Settings page

Maintain-Factory Reset:



Factory reset	
<input type="button" value="Reset"/>	

Factory RESET configuration

Maintain-Password:



Administrator password configuration on this page

Maintain-Restart:



Base Unit (Receiver) restart configuration on this page

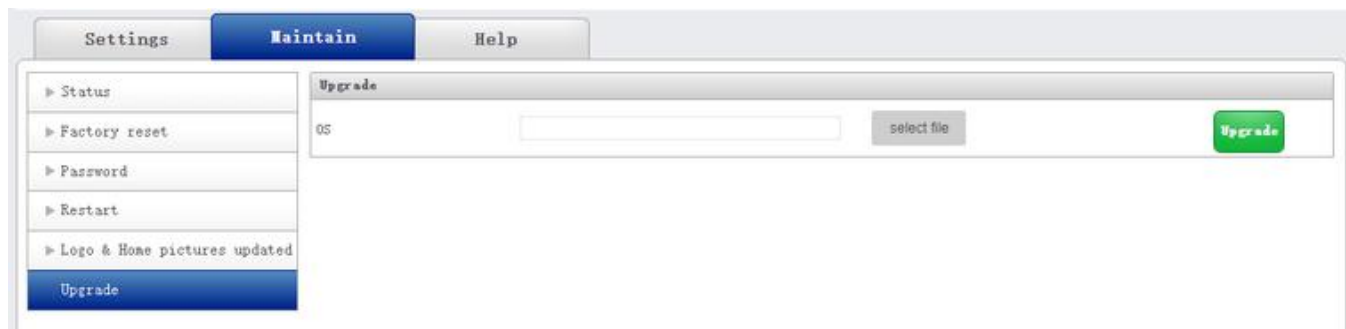
Maintain-Booting and Idle screen Update:



Booting screen >>> Booting screen configuration, picture in JPG format, 3840*2160, below 2MByte

Idle screen >>> Idle screen configuration, picture in JPG format, 3840*2160, below 6MByte

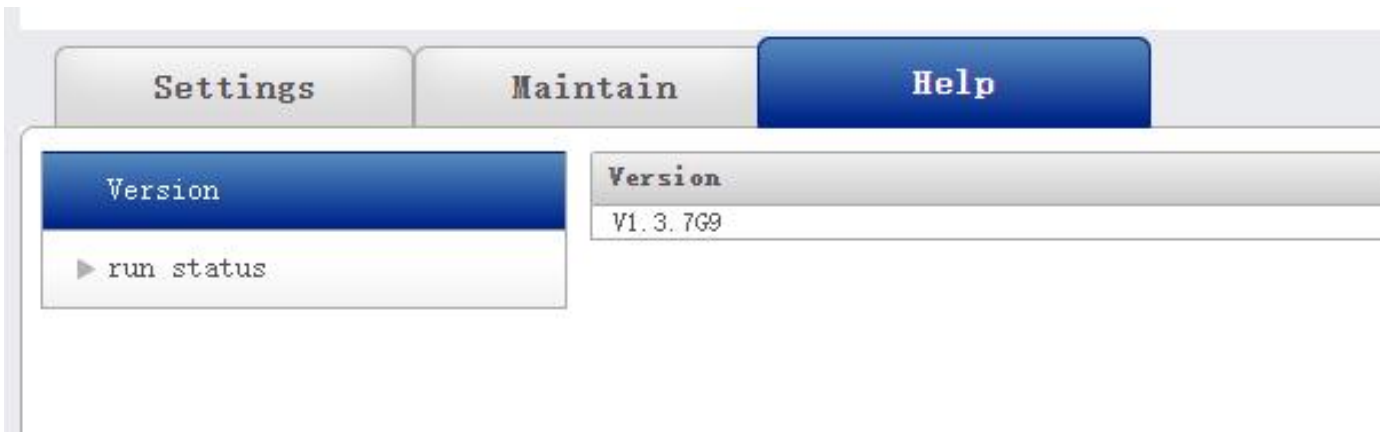
Maintain-Upgrade:



Firmware upgrade configuration on this page

Remark: Firmware and Booting & Idle screen can be upgraded with external USB disk.

Help-Version:



Version: Firmware version shows on this page

Help-Run Status:



Device running status shows this page

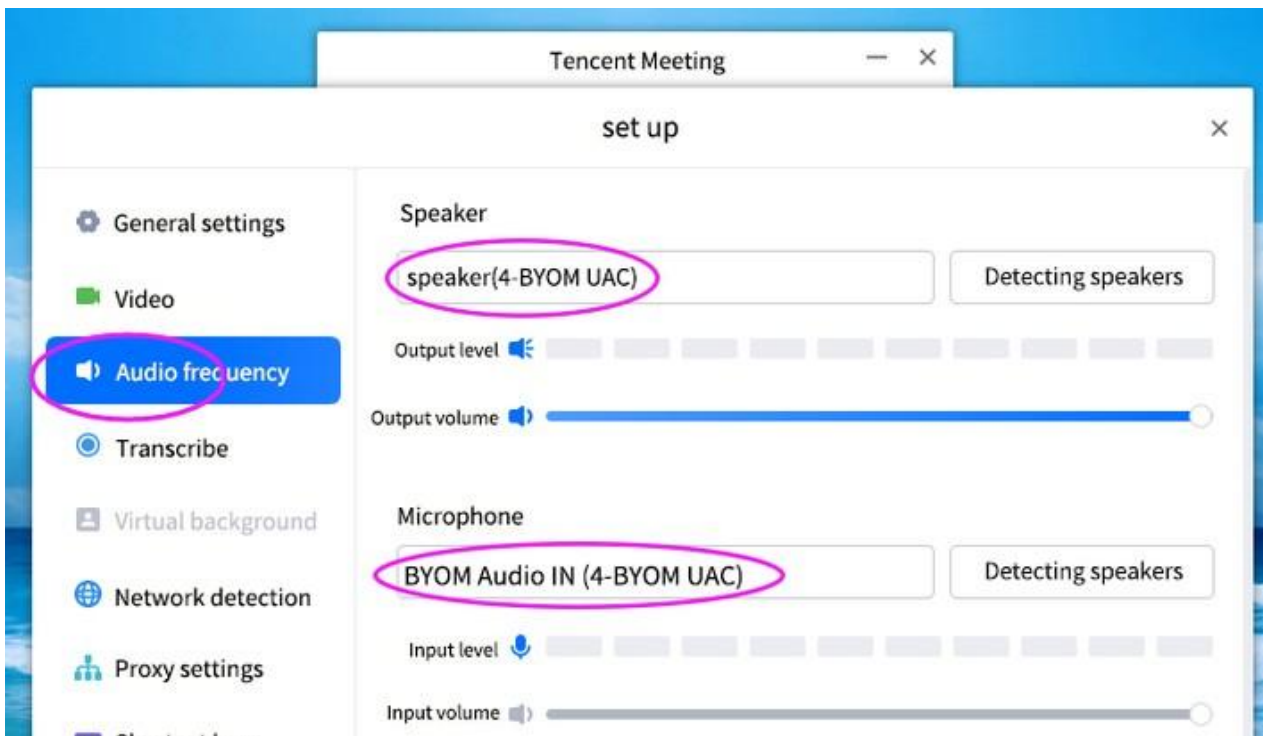
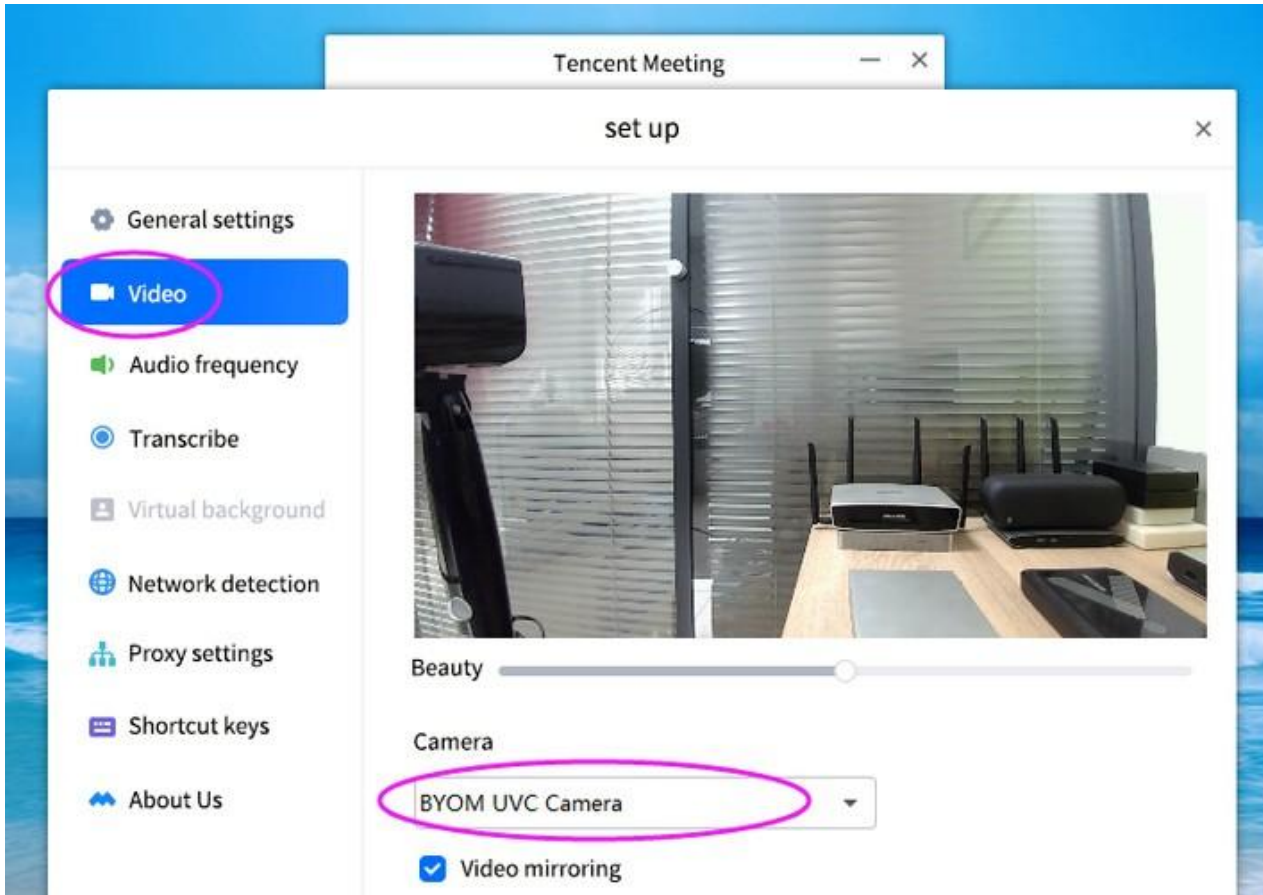
BYOM Instructions

1. **BYOM**, which stands for Bring Your Own Meeting, refers to the practice of users utilizing wireless WIFI on their laptops to access the conference room's meeting camera and omnidirectional microphone speaker for remote video conferencing. Additionally, they can wirelessly screen-share their computer display onto the conference room's display screen or projector.



The USB conference camera is connected to the front USB port of the base unit, while the USB omnidirectional microphone speaker for meetings is connected to the rear USB port of the base unit. The HDMI OUT of the base unit is then connected to the display screen or projector.

2. How to access the conference camera and omnidirectional microphone speaker for meetings.(Tencent meeting for instance)



3. Remarks for BYOM Meeting:

- ◆ If the conference camera also integrates audio functionality, then the USB omnidirectional microphone speaker for meetings should be connected to the rear USB port, as the audio priority is highest for the rear USB port.

- ◆ Users can achieve wireless screen-sharing functionality and wireless camera transmission by connecting a F21U Type-C or F11U HDMI or F01U USB transmitter to their laptop.

- ◆ The wireless screen-sharing functionality operates similarly to conventional transmitters, where users can initiate or terminate screen-sharing by pressing the button in the middle of the transmitter. Utilizing the F21U transmitter requires the laptop's Type-C port to support Type-C DP, meaning it must be a full-featured Type-C port. If the laptop lacks a Type-C DP port, the F11U transmitter can be used, most of the laptop has an HDMI output port.

- ◆ The wireless camera transmission function automatically activates when users initiate the camera image within their videoconferencing software.