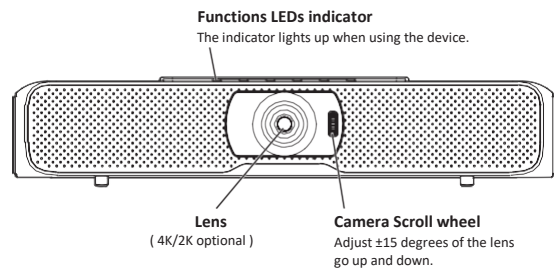


Video Conference Camera with Expansion Microphone(s)

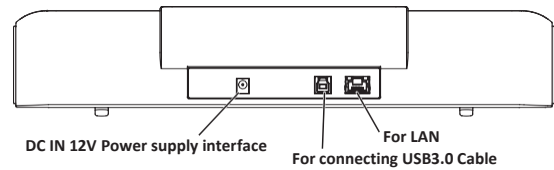
Controls and Functions

< Front View >

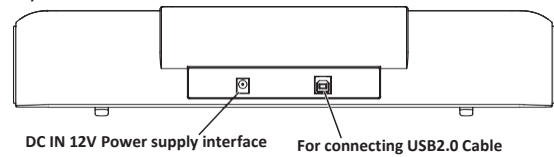


< Rear View >

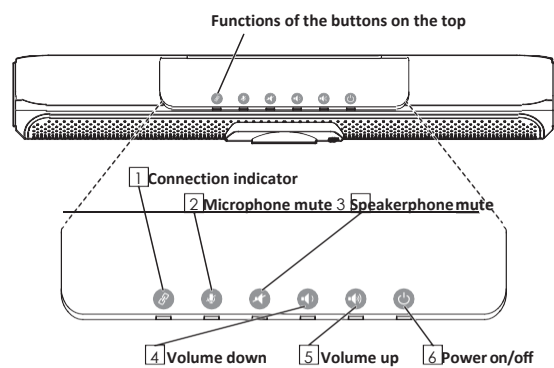
H Series



M/L Series

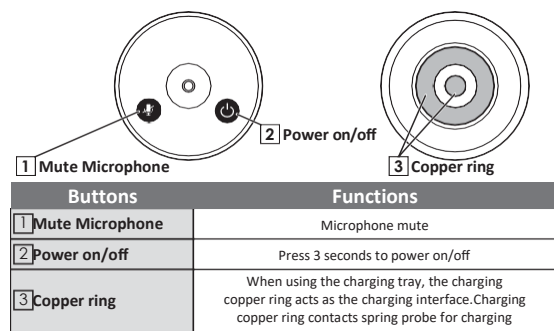


< Top View >



Buttons	Indicator status	Functions
1 Connection indicator	Orange LED lights Blue LED flashes	Connected to PC successfully via USB Disconnected
2 Microphone mute	Orange LED lights	All the mics mute
3 Speakerphone mute	Orange LED lights	Speakerphone mute
4 Volume down	Blue LEDs decrease progressively Blue LEDs increase progressively	Volume down
5 Volume up	Blue LEDs decrease progressively Blue LEDs increase progressively	Volume up
6 Power on/off	Blue LED lights Blue LED off	Press 3 seconds to power on Press 3 seconds to power off

< Wireless Expansion Microphones.Top View(left), bottom View(right) >



Expansion mics indicators

Indicator status	Working status of the expansion mic
Blue LED lights	Expansion mic connected
Blue LED flashes	Expansion mic disconnected
Red LED lights	Microphone mute or is charging
Red LED flashes	Low battery
Purple LED lights	Expansion mic full charged

Battery info

	Battery	Charging time	Standby time	Working time
Expansion mic	800mAh	1 hours	6 months	8 hours

Notes-Tips

1) High-end, mid-end and low-end configuration optional, support standard UVC protocol.

	H Series	M Series	L Series
Lens	4K	4K	2K
EPTZ	4x	2x	3x
HOV	110°	87°	105.6°
Effective pixel	8.0 Megapixel	8.0 Megapixel	2.0 Megapixel
Sensor	1/2.5" SONY CMOS	1/2.5" SONY CMOS	1/2.8" SONY CMOS
Interface	USB3.0, LAN	USB2.0	USB2.0
Other	Auto-Framing(AI)	/	Picture in Picture(PIP)

2) The audio output of this device use the same USB interface with video and supports the standard UAC protocol. All the software which supports the UAC protocol can collect the audio of this device.

3) Daisy-chain max up to 3 wireless expansion microphones connect to main unit via RF2.4G transmission. Each expansion microphone provides 3 meters pick up range. To ensure the call quality and echo cancellation effect, please do not move the expansion microphone after placing it on the table. At the same time, expansion microphones need a distance at least 1 meter from the speaker.

4) The main unit has an internal auxiliary microphone for emergency use when the expansion mics are out of power. Expansion mics are recommended for the best call experience. When any expansion mic is turned on, the internal mic will be automatically disabled.

Combination KeyFunction

1) Chinese and English switching

Press and hold for 5 seconds to switch prompt tone between Chinese and English.

2) Prompt tone ON/OFF

Prompt tone is turned on by default. Press and hold for 5 seconds to turn ON/OFF.

3) Enable or disable the internal microphone

Press and hold for 5 seconds to enable or disable the internal mic

4) Remote upgrade mode

(This function needs the support of the manufacturer, please do not use it under normal circumstances)

Press and hold for 5 seconds to enter remote upgrade mode, only the orange indicator of Power button lights.

Press and hold for 5 seconds to exit the upgrade mode.

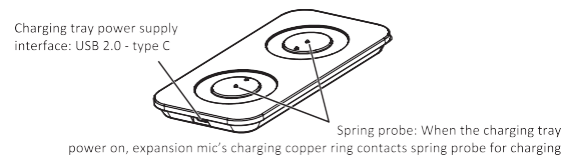
Pairing WirelessMicrophones

Turn on the expansion microphone, the indicator light flashes blue. Press the microphone mute button , and the indicator light turns red. Put the expansion microphone close to the main unit. Press and hold the microphone mute button for 10 seconds. After the indicator light stops flashing, the wireless microphone is successfully paired.

Music Mode

Press the microphone mute button of the main unit, then all the microphones are disabled. Now only the speaker works and enters the music mode, and it is the stereo play mode.

Charging tray



What is content in package ?

- 1) Video conference camera * 1
- 2) User's manual * 1
- 3) Expansion mics * 1-3
- 4) Charging tray * 1-2
- 5) Bracket and screws * 1
- 6) USB 3.0 cable 3M (H Series) * 1
- 7) USB 2.0 cable 5M (M/L Series) * 1
- 8) Power supply of the camera * 1
- 9) Power supply of the charging tray * 1-2
- 10) USB - type C cable * 1-2
- 11) Remote control (no battery) * 1

Remote control's functions

Buttons	Functions
1 Power on/off	Power on/off
2 Zoom out	Camera zoom out
3 Zoom in	Camera zoom in
4 Camera functions' menu	Camera functions' menu (center) EPTZ control (up, down, left, right)
5 Microphone mute	Microphone mute
6 Speakerphone mute	Speakerphone mute
7 Volume up/down	"+" volume up; "-" volume down

Note: If the remote control is not available, maybe the batteries ran out. Please change the new batteries(AAA*2pcs) .

Auto-Framing(H SeriesOnly)

H Series support Auto-Framing camera control, automatically moves the lens and adjusts the zoom to comfortably frame meeting participants in rooms of all shapes and sizes.

1 Press "Camera functions menu" (center), select " Setup"

MENU	
=====	
Exposure	->
Color	->
Image	->
>> Setup	->
Info	->
Restore Default	->

2 Select " AI Function" to "ON", Auto-Framing function turns on. AI "Refresh Freq" is adjustable "Low/Mid/High".

SETUP	
=====	
Language	English
Pan Speed	20
Tilt Speed	20
Zoom Limit	X4
Zoom Speed	10
>> AI Function	ON
Refresh Freq	High

Picture in Picture(PIP) (L Series Only)

L Series support Picture in Picture(PIP) function, while EPTZ zooms in close-up, users can view the panorama through the small picture-in-picture window.

1 Press "Camera functions menu"(center), select "Image"

Image Setup

Exposure	->
Color	->
Image	->
Information	->
Language/语言	English(英文)
Exit	<-

Image

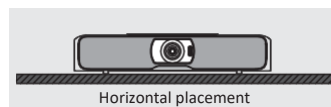
Image Flip	Off
Frame	30
DRC	Noamral
PIP	< On >
Back	<-

2 Select "PIP" to "On", Picture in Picture function turns on, users can see small picture-in-picture window at the bottom of right.

Installation instruction

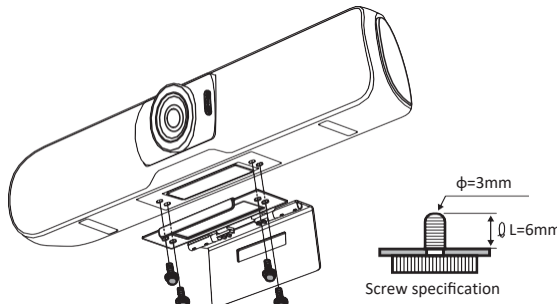
1 Desktop installation

Put the device on the table or screen and make sure the horizontal installation.



2 Bracket installation

Screw the bracket to the screw hole at the bottom of the device and tighten it. Then the user can install a bracket at the bottom of the device. The screws of the bracket must meet the following specifications.

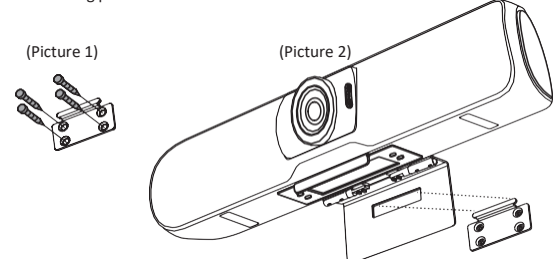


Note:

- 1) The bracket must be installed on the flat surface.
- 2) The screws on the bracket of the video conference camera can't be used on the higher place, just like the ceiling mount or partition mount.

3 Wall mount

- 1) Install the bracket at the bottom of the camera according to the 1 Bracket installation .
- 2) Screw the bracket on the wall, refer to the following picture 1.
- 3) Fasten the camera with bottom bracket on the wall mount, refer to the following picture 2.



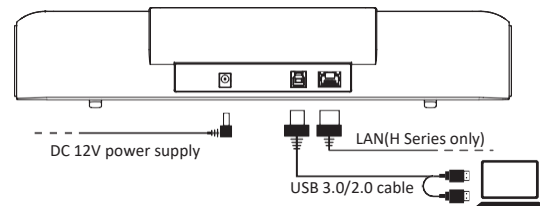
Note:

- 3) The wall mounted bracket must be flat
- 4) The wall bracket is used in conjunction with the bracket. The device must install the bracket

Connect to the computer

1 Connect the 12V power supply to the camera.

Connect the standard USB cable with the camera and computer or other host computer. Refer to the following picture:



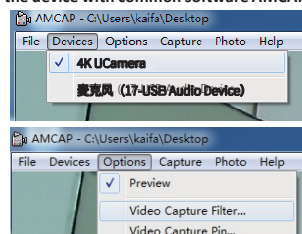
Video instruction

This device output video through USB. And it supports standard UVC protocol. All the software which support the UVC protocol can collect the video of this device.

1) Demonstrate the video usage of the device with common software AMCAP.

1 Open the AMCAP (available in the CD) and click the Devices.

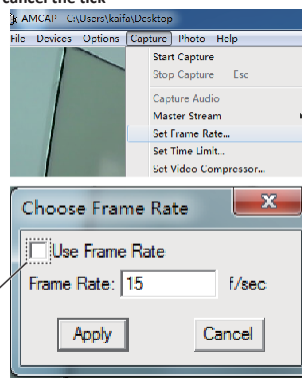
Then choose the 4KUCamera (or the similar option)



2 Click the Options and choose Preview. Then the user can preview the video. Refer to the right picture.

2) If the frame rate is not enough, the user can check whether the " Use Frame Rate" is ticked off. If yes, please cancel the tick

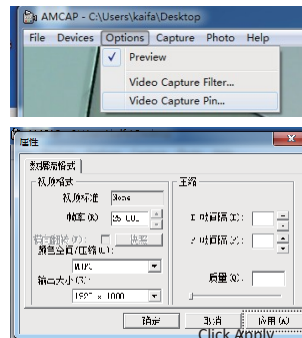
1 Click the Capture and then choose Set Frame Rate



Cancel the tick in the frame

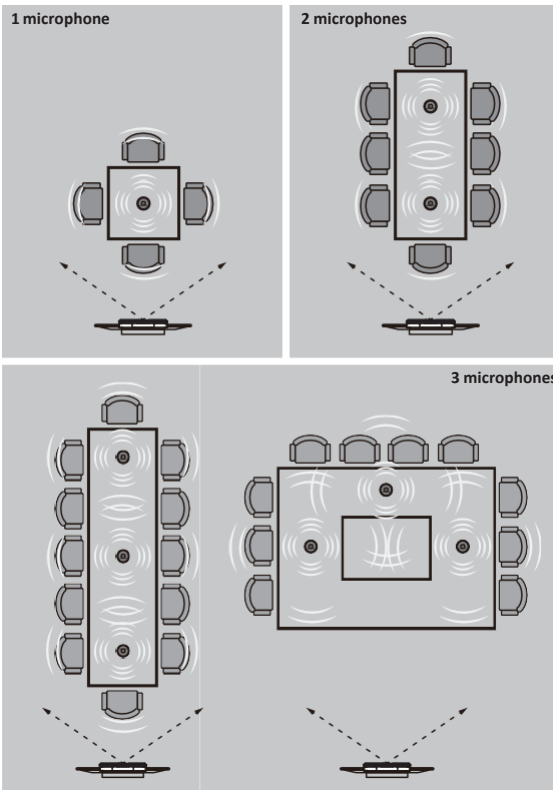
3) Change the different resolution and frame.

1 Click the Options and choose Video Capture Pin...,



How is working in meeting rooms ?

- 1 H Series HOV : 110°
- 2 M Series HOV: 87°
- 3 L Series HOV: 105.6°



FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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