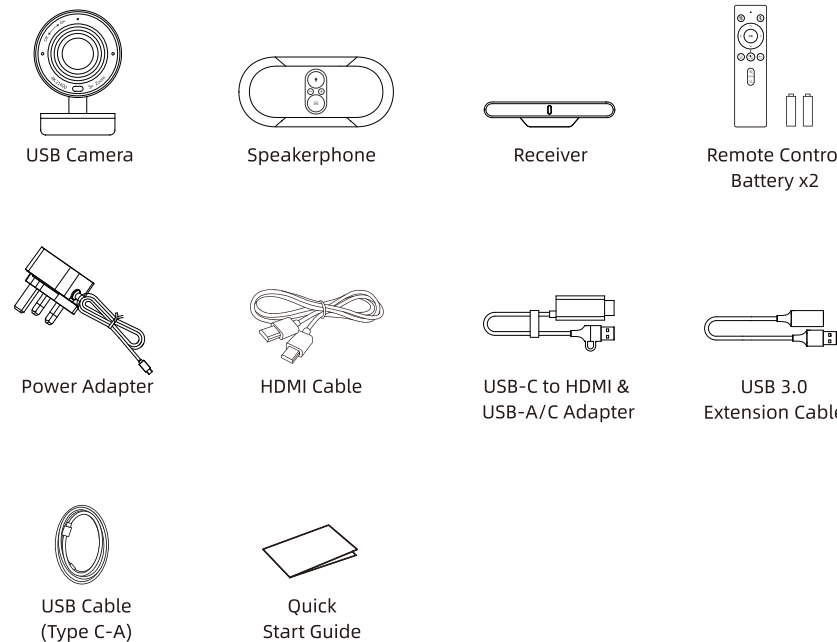折叠后尺寸：157*210mm 五折

# PRODUCT INTRODUCTION

It is a wireless video conferencing solution designed for small meeting rooms. It mainly consists of a wireless screen-throwing omni-directional microphone and a USB camera, designed to simplify your meetings.With full BYOD support, it allows you to effortlessly connect your laptop to the speakerphone using a single cable. Enjoy 4K wireless screen casting, access to conference camera streaming in 1080P, and the convenience of plug-and-play functionality without the need for software or drivers.
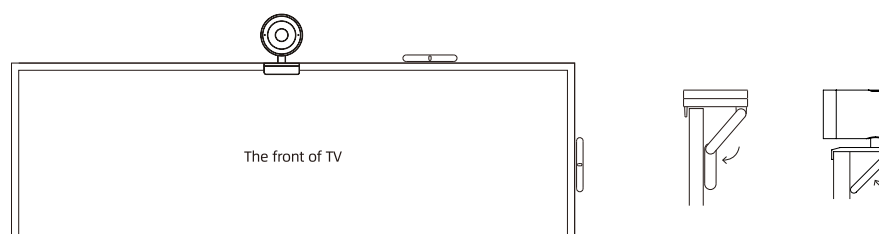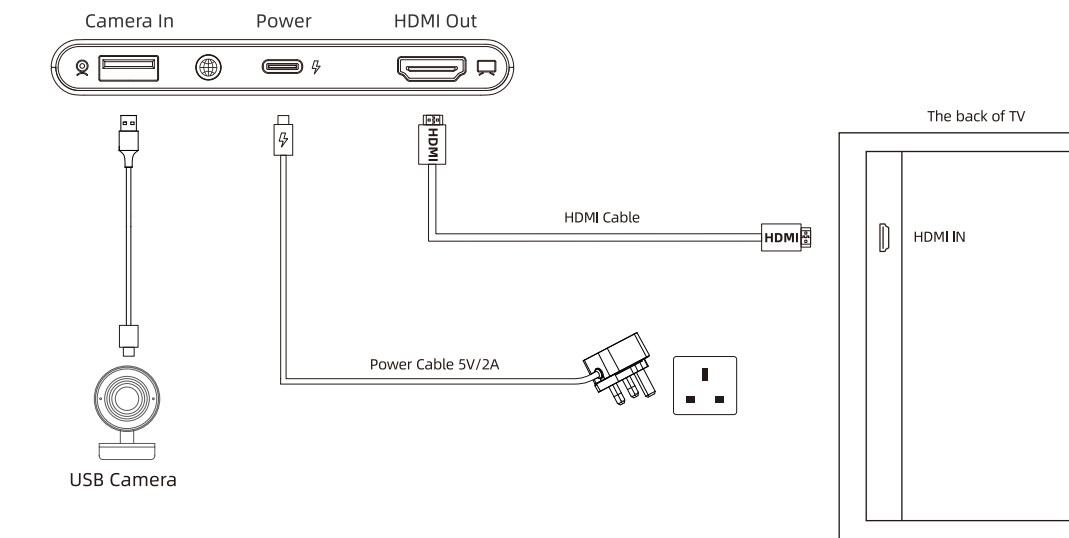
It streamlines your conferencing experience, eliminates cable clutter, and ensures secure and efficient collaboration.

# WHAT'S IN THE BOX

USB Camera  
Speakerphone  
Receiver  
Remote Control Battery x2  

Power Adapter  
HDMI Cable  
USB-C to HDMI & USB-A/C Adapter  
USB 3.0 Extension Cable  

USB Cable (Type C-A)  
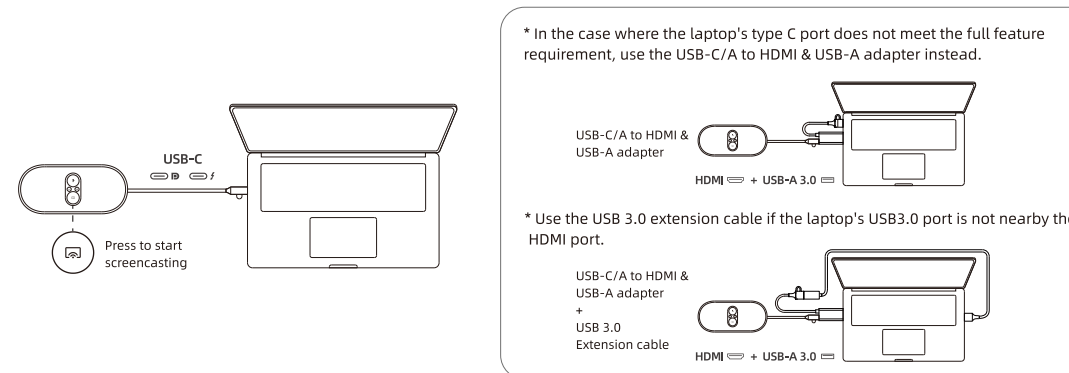Quick Start Guide  

# HOW TO START

(1) Plug the 5V/2A power supply into the receiver and connect it to the HDMI cable of the display.

(2) To connect the USB camera, plug the camera's USB cable into the USB-A port on the receiver.

(3) Mount the Receiver and USB Camera on the display using the built-in mounting clip. Ensure that the receiver is positioned towards the front side for optimal wireless signal transmission. The optimal wireless transmission range is within 5 meters.
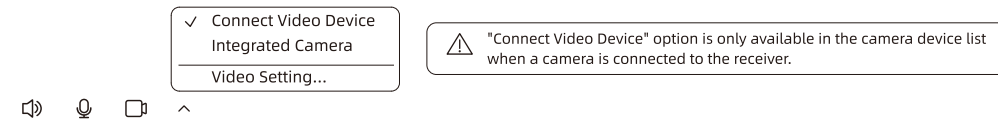
Camera In    Power    HDMI Out

The back of TV

HDMI Cable

HDMI IN

Power Cable 5V/2A

USB Camera

The front of TV

(4) Switch the display output source to the connected HDMI port.

HDMI 1    HDMI 2    HDMI 3

(5) Connect the Speakerphone to a full-featured Type-C port on your laptop. Wait until the screencasting button light turns green, then press the button to start casting your screen. Press the button again to pause screencasting.

* In the case where the laptop's type C port does not meet the full feature requirement, use the USB-C/A to HDMI & USB-A adapter instead.

USB-C

Press to start screencasting

USB-C/A to HDMI & USB-A adapter

HDMI ⊐ + USB-A 3.0 ⊐

* Use the USB 3.0 extension cable if the laptop's USB3.0 port is not nearby the HDMI port.

USB-C/A to HDMI & USB-A adapter + USB 3.0 Extension cable

HDMI ⊐ + USB-A 3.0 ⊐

(6) To use the speakerphone and access the camera wirelessly, in your video conference software, select "Connect Video Device" as your microphone, speaker, and camera.

✓ Connect Video Device  
  Integrated Camera  
  Video Setting....

⚠ "Connect Video Device" option is only available in the camera device list when a camera is connected to the receiver.

## USB Camera

| Model | Features | Specifications |
|---|---|---|
| Camera | Sensor Type | IMX415(1/2.8") 3840*2160 |
| | Output Resolution | MJPEG/H264/H265/YUV/NV12 30P(YUV and NV12 do not support 4K and 2K resolutions) 3840*2160/2560*1440/1920*1080/1280*720/1024*576/960*540/800*448/640*360/320*180 960*720/800*600/640*480/480*270/352*288/320*240 |
| | FOV | DFOV118.5° HFOV 109.9° VFOV 74.6° |
| | Auto Framing | Auto |
| | F/No | F2.5 |
| | Zooming | 5x digital zoom |
| | Maximum Resolution | USB3.0:3840*2160 p30/USB2.0:1920*1080 p30 |
| | Security protection | Manual Privacy Cover |
| Microphone | Microphone Type | 2 Electret Microphones |
| | Pick-up Range | 4m |
| | Signal to Noise Ratio | 94dB SPL @ 1KHz 65dB(A) |
| | Microphone Sensitivity | 94dB SPL @ 1KHz −30±2dB FS |
| | duplex | √ |
| | Automatic Gain Control | √ |
| | Automatic Noise Suppression | √ |

## Speakerphone

| Model | Features | Specifications |
|---|---|---|
| Microphone | Built-in Microphone | 8 MEMS Microphone for 360-degree pickup |
| | Pick-up Distance | 4 m |
| | Signal/Noise Ratio (SNR) | 64.5dB(A) |
| | Sensitivity | -26dBFS@1kHz(0dB=1V/Pa) |
| | Acoustic Overload Point | 119dB SPL THD<10%@1kHz |
| | Frequency | 20Hz-10kHz |
| | Duplex | V |
| | Beamforming | V |
| | Automatic Noise Suppression | V |
| | Acoustic Echo Cancellation | V |
| | Automatic Gain Control | V |
| Speaker | Speaker | 403W |
| | Speaker Size | 50mm |
| | Sensitivity | 1KHz 85dB ± 3dB @0.5m @3W |
| | Signal/Noise Ratio (SNR) | 50dB |
| | Frequency Range | 200Hz~20KHz |
| | Max. Sound Pressure Level | 85dB SPL @0.5m @3W |
| | Background Noise | <30dB |
| | Total Harmonic Distortion | 200Hz ~ 10KHz MAX 5% |

## Receiver

| Model | Features | Specifications |
|---|---|---|
| WIIF | protocol | 802.11 a/n/ac |
| | Wireless Transmission Protocol | Quick UDP Internet Connections |
| | Transmission Distance | Up to 10M |
| | Frequency bands and the maximum transmitted power（For EU） | 5180-5320MHz（Wi-Fi 5GHz），Max 20dBm 5500-5700MHz（Wi-Fi 5GHz），Max 20dBm |
| Camera Streaming | Max. Output Resolution | 1920x1080 @30FPS |
| | Support Camera Type | UVC camera |
| | Format Supported | H.264 |

## Others

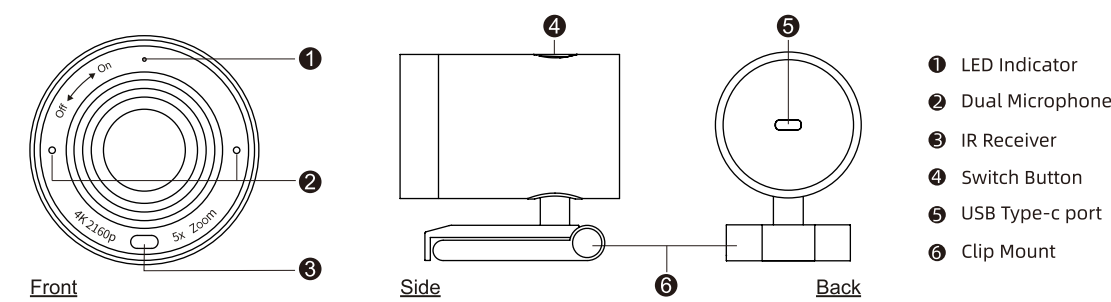| Model | Specifications |
|---|---|
| I/O interface | USB Camera : TYPE Cx1 Speakerphone : Type C PD + DP ALT Receiver : HDMI x1; TYPE C PD ; USB A 3.0x1 |
| Operating System | Win 10/ 11; Mac 10.8 and Later |
| Product Dimensions | USB Camera: 80x75x53mm/3.15x 2.95x 2.09" Speakerphone : 180 x 81 x 32mm / 7.09 x 3.19 x 1.26" Receiver : 102 x 45 x 20mm/ 4.02 x 1.77 x 0.79" |
| Product Weights | USB Camera : 210g/7.4oz Speakerphone : 385g / 13.58oz Receiver : 70g / 2.47oz |
| Package Contents | Contents: USB Camera，Speakerphone and Receiver, Remote Control & Battery x2, Power adapter, 1.5m HDMI Cable, USB-C to HDMI & USB-A/C Adapter USB 3.0 Extension Cable 1m USB Cable(Type C-A) Quick start guide |

## USB Type-C Specification Table

| USB-C Connector | | Data Transfer | Display | Power |
|---|---|---|---|---|
| USB 2.0 480 Mbps | Normal | O | X | X |
| | PD Enabled | O | X | O |
| USB 3.1 Gen 1 5 Gbps | Normal | O | X | X |
| | PD Enabled | O | X | O |
| USB 3.1 Gen 2 10 Gbps | Normal | O | X | X |
| | PD Enabled | O | X | O |
| DisplayPort 5-10 Gbps | Normal | O | O | X |
| | PD Enabled | O | O | O |
| Thunderbolt 20-40 Gbps PD Enabled DisplayPort | | O | O | O |

FR

## USB Camera



**Front**    **Side**    **Back**

❶ LED Indicator
❷ Dual Microphone
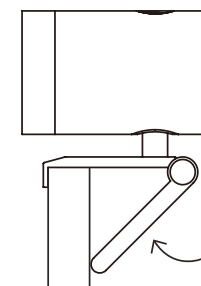❸ IR Receiver
❹ Switch Button
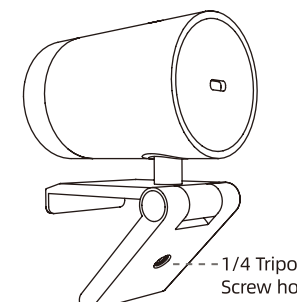❺ USB Type-c port
❻ Clip Mount

## Getting Start With Our Camera

**Clip Mount**
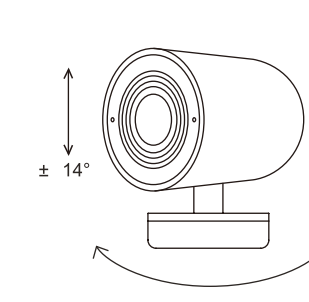Easily mount onto any displays such as laptop monitor, television or interactive display using its built-in clip mount.

**Tripod Mount**
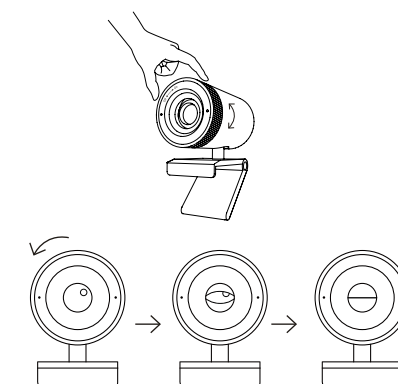Tripod screw hole is located at the bottom of the clip mount for tripod mounting.

**Swivel & Tilt**
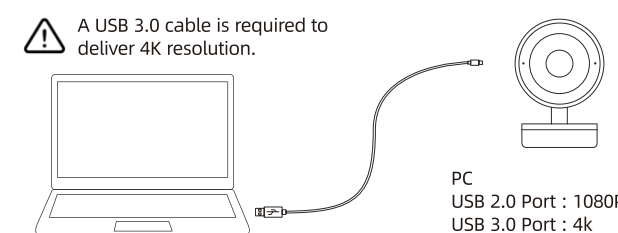Manually adjust the webcam tilt up/down or swivel right/left to the best shooting angle.

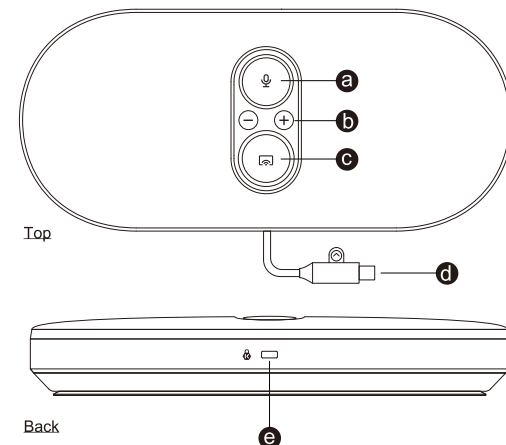1/4 Tripod Screw hole

± 14°

**Privacy Cover**

**Connecting the camera**

(1) Connect the type C end of the bundled USB 3.0 cable to the Type C port at the back of the USB Camera.
(2) Connect the Type A end of the same cable to a laptop or workstation.
If connecting to USB 2.0 port of PC, the maximum available resolution will be 1080P.
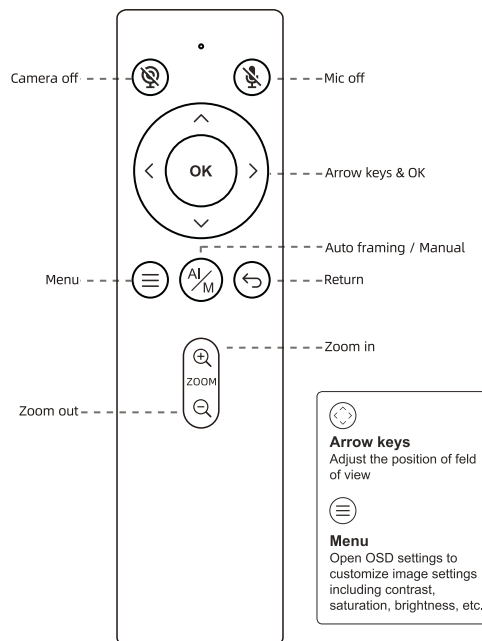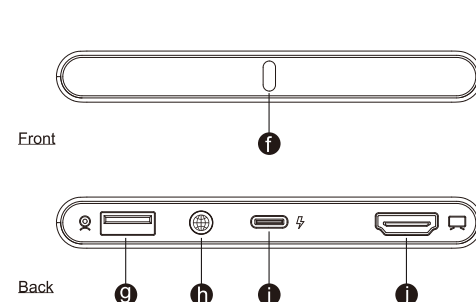If connecting to USB 3.0 port of PC, the maximum available resolution will be 4K.

⚠ A USB 3.0 cable is required to deliver 4K resolution.

PC
USB 2.0 Port : 1080P
USB 3.0 Port : 4k

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## Speakerphone

**Top**

**Back**

ⓐ Mute
ⓑ
ⓒ
ⓓ
ⓔ

❿ Mic Mute
Green light : Mic On
Red light : Mic off
⓫ Speaker Volume
⓬ Screencast
Press to start/end screencasting
⓭ Type C cable to laptop
For power supply and signal transmission
⓮ Kensington Nano Slot

❼ Status Indicator
❽ USB Interface for camera
( 5V 0.9A )
❾ Language / Pair
Short press : switch language
Long press : Re-pair
❿ Power Supply
⓫ HDMI Out for display

### Speakerphone LED Indicator Status

| | |
|---|---|
| Flashing Green | Connecting in progress. |
| Static Green | Connection succeed, ready for screencasting. |
| Static Yellow | No DP signal from the laptop port. |
| Static Red | Connection failed:<br>1. Replug the Speakerphone<br>2. The Receiver is not powered, please replug and ensure the Receiver indicator light shows static white.<br>3. The Receiver and Speakerphone are not paired. Please ensure they are the original paired units. Otherwise please re-pair. |

## Remote control

Camera off — 
— Mic off
Camera is in use —
— Arrow keys & OK
Menu —
— Auto framing / Manual
— Return
— Zoom in
Zoom out —

ZOOM

**Arrow keys**
Adjust the position of field of view

**Menu**
Open OSD settings to customize image settings including contrast, saturation, brightness, etc.,

### Camera response

| Event | Camera response | LED Status |
|---|---|---|
| Plug-in power | / | Red light & orange light fashing |
| Camera is in use | / | Green light |
| Camera is not in use | / | Red light |
| Single press the switch button | Switch to 1x ↑ 2x ↑ 3x ↑ 4x ↑ 5x ↑ auto framing by each press | Red light blink |
| Long press (>2 sec) the function button | Enter / Exit auto framing mode | Red light blink |
| Long press (>5 sec) the function button | Reboot the USB Camera | Red light blink |
| Use remote and turn off camera | Camera is off, pop up a black image with camera of icon | Red light blink |
| Use remote and turn off mic | Mic is mute, mute icon pop up | Orange light blink |
| Use remote and turn off both mic and camera | Mic is mute and camera is off, pop up a black image with mic of icon and camera of icon | Red light & orange light blink alternately |

---

## Receiver

**Front**

ⓕ

**Back**

ⓖ ⓗ ⓘ ⓙ

### Receiver LED Indicator Status

| | |
|---|---|
| Flashing Green | Connection in progress. |
| Static Green | Connection succeed, ready for screencasting. |
| Static White | Stand by. |

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## REGULATORY AND SERVICE INFORMATION

### Compliance

**United States of America**
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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Do not make any changes or modifications to the equipment.
5.15 to 5.25 GHz band, UNII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite System (MSS) operations.
RF Radiation Exposure Statement Caution : This Transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

**Warning**
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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. If not installed and used in accordance with the instructions, it 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 and correct the interference by one or more of the following measures :
• Reorient or relocate the receiving antenna.
• Increase the distance between the equipment and the receiver.
• Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help
• Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device 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.

**Europe**
We declare under our Sole responsibility that the Connect conforms to the essential requirements of European Union Directives 2014/53/EU Radio Equipment Directive (RED), 2014/30/EU Electromagnetic Compatibility Directive, 2014/35/EU Low Voltage Directive and 2011/65/EU Restriction of Hazardous Substances in Electrical and Electronic Equipment.

⚠ These devices comply with RF specifications when the device is used at 20 cm from your body

This device is restricted to indoor use when operating in the 5150-5350MHz frequency range in all EU/EFTA member states and Turkey.

**United Kingdom**
We declare under our sole responsibility that the Connect conforms to the essential UKCA requirements 2016 No : 1091. Electromagnetic Compatibility regulations 2016, 2016 No : 1101 Electrical Equipment Safety Regulation 2016, 2017 No : 1206 The Radio Equipment Regulation 2017, and UK SI 2016 No : 1091, RoHS Restriction of the use of certain Hazardous Substances in Electrical and Electronic Regulations 2012 – UK SI 2012 No : 3032.

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**Waste Electrical and Electronic Equipment (WEEE)**
For more information concerning the correct disposal of these products, please contact your reseller.

## FAQ

**Q: What's with it when yellow screencast indicator light on Speakerphone?**
Make sure whether the computer connected supports DisplayPort(DP output).

**Q: What's with it when red screencast indicator light on Speakerphone?**
Power off and on the Speakerphone. Or try pairing again.

**Q: Screencast button does't work but indicators on Speakerphone/Receiver are normal?**
Check and confirm whether the Speakerphone matches up with Receiver by their SN.

**Q: When screencasting, there is no content showed on the screen.**
Make sure Receiver is powered on and plugged into the HDMI IN port of the screen, with the proper signal source channel chosen. Try to change to an alternative HDMI IN port if the issue remains.

**Q: Why does my computer fail to screencast at 4K?**
1.Make sure the HDMI plugged in display device can support 4K resolution.
2.Check the resolution setting of your computer.
3.Check the computer casting mode, part of the computer to expand the screen can only be 4K cast screen.

**Q: Why does the sound not come out from transmitting device?**
1. Check the Speakerphone is set to output device by default in computer audio setting.
2. Make sure the Speakerphone is opted as microphone and speaker.

**Q: How to address echo issues at the other end during meeting?**
Choose Speakerphone as your microphone/speaker to activate Echo Cancellation.
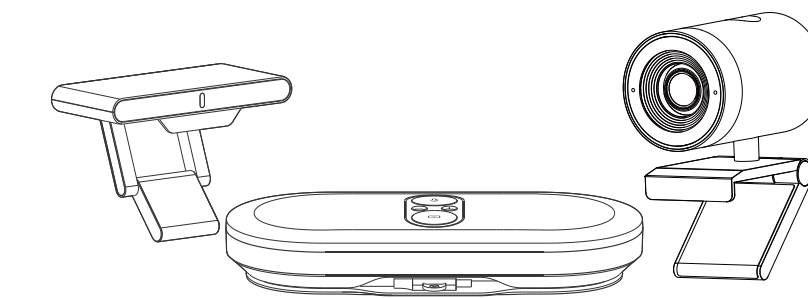
**Q: Why does the camera not work when plugged into Receiver?**
Camera functionality may vary due to compatibility issues. Recommended to use a suggested camera if you are experiencing lagging or failed recognition.
1. Select Speakerphone as an input camera in camera/conference software setting.
2. Unplug/plug the Speakerphone/Receiver, and try after rebooting the system.
3. Check if the power supply exceeds specification, use adapter if it's the case.

**Q: Why does the device fail to be detected when plugging the Type-C**
**cable of receiver to computer?**
The Type-C port on Receiver is meant for power supply thus no data transmission performed, nor being detected as a device by computer.

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## 4K Wireless Conferencing System

# Quick Start