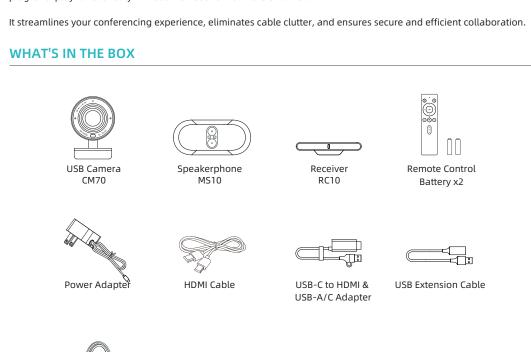
PRODUCT INTRODUCTION

It is a wireless video conferencing solution designed for small meeting rooms. It mainly consists of a wireless screenthrowing omni-directional microphone MS10, a Receiver RC10 and a USB camera CM70, 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.



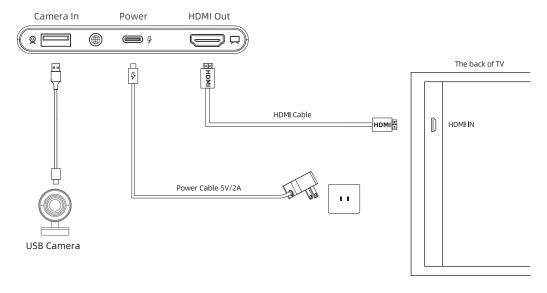


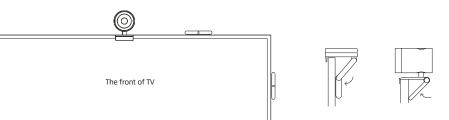
HOW TO START

(1) Plug the 5V/2A power supply into the receiver RC10 and connect it to the HDMI cable of the display.

Quick

- (2) To connect the USB camera CM70, plug the camera's USB cable into the USB-A port on the receiver RC10.
- (3) Mount the Receiver RC10 and USB Camera CM70 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.

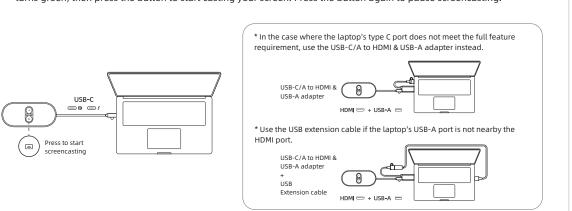




(4) Switch the display output source to the connected HDMI port.



(5) Connect the Speakerphone MS10 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.



(6) To use the speakerphone MS10 and access the camera wirelessly, in your video conference software, select "MS10 Wireless Camera" as your microphone, speaker, and camera.



USB Camera CM70

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*18 960*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	√ .
System Support	Win7/Win10/macOS 10.8 and l	ater

Speakerphone MS10

Model	Features	Specifications		
-	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		
Microphone -	Frequency	20Hz - 10kHz		
	Duplex	V		
	Beamforming	V		
	Automatic Noise Suppression	v		
	Acoustic Echo Cancellation	V		
	Automatic Gain Control	V		
	Speaker	4Ω3W		
Speaker .	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%		

Model	Features	Specifications
	protocol	802.11 a/n/ac
	Wireless Transmission Protocol	Quick UDP Internet Connections
WIFI	Transmission Distance	Up to 10M
	Frequency bands and the maximum transmitted power (For EU)	5150-5250MHz(Wi-Fi 5GHz), Max 20dBm 5250-5350MHz(Wi-Fi 5GHz), Max 20dBm 5470-5725MHz(Wi-Fi 5GHz), Max 20dBm 5725-5850MHz(Wi-Fi 5GHz), Max 20dBm
Camera Streaming	Max. Output Resolution	1920x1080 @30FPS
	Support Camera Type	UVC camera
	Format Supported	H.264

USB Type-C Specification Table

hers		OSB Type-C Specification Table					
Model	Specifications USB Camera: TYPE Cx1	USB-C Co	Data Transfer	Display	Power		
/O Interface	Speakerphone: Type C PD + DP ALT Receiver: HDMI x1; TYPE C PD; USB A 3.0x1	USB 2.0	•∹ T. ○ ○ Normal	0	Х	Х	
erating System	Win 10/ 11; Mac 10.8 and Later	480 Mbps	PD Enabled	0	X	0	
Product Dimensions	USB Camera: 80x75x53mm/3.15x 2.95x 2.09" Speakerphone:	USB 3.1 Gen 1	.\$ 7₹. ⊜ Normal	0	Х	Х	
	180 x 81 x 32mm / 7.09 x 3.19 x 1.26" Receiver :	5 Gbps	PD Enabled	0	X	О	
	102 x 45 x 20mm/ 4.02 x 1.77 x 0.79"	USB 3.1 Gen 2	<u>s:</u> ■ Normal	0	Х	Х	
roduct Weights	USB Camera: 210g/7.4oz Speakerphone : 385g / 13.58oz Receiver : 70g / 2.47oz	10 Gbps	PD Enabled	0	Х	0	
ckage 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 Extension Cable 1m USB Cable(Type C-A) Quick Installation guide	DisplayPort	S ; T. ■ ■ Normal	0	О	X	
		5-10 Gbps	PD Enabled	0	0	0	
		Thunderbolt 20-40 Gbps PD Enabled DisplayPort	f e	0	0	0	

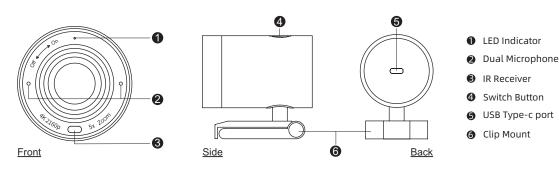






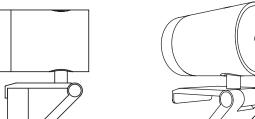
HOW TO USE

USB Camera CM70



Getting Start With Our Camera

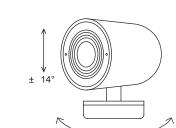
Easily mount onto any displays such as laptop monitor, television or interactive display using its built-in clip mount.





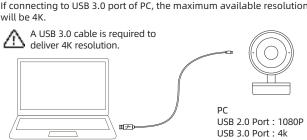
Tripod screw hole is located at the Manually adjust the webcam tilt up/down or bottom of the clip mount for tripod swivel right/left to the best shooting angle. mounting.

Swivel & Tilt

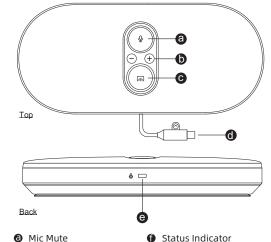


Connecting the camera

- (1) Connect the type C end of the bundled USB 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
- If connecting to USB 3.0 port of PC, the maximum available resolution will be 4K.



Speakerphone MS10



Status Indicator USB Interface for camera (5V 0.9A) **h** Language / Pair Short press : switch language Press to start/end screencasting Long press : Re-pair

(d) Type C cable to laptop **(d)** Power Supply For power supply and HDMI Out for display signal transmission

Kensington Nano Slot

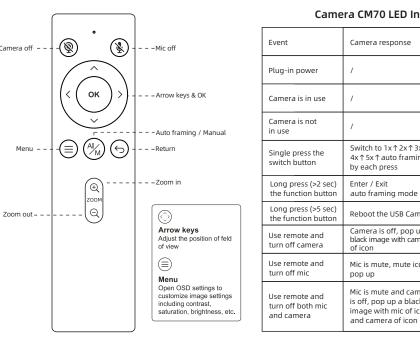
Green light : Mic On

Red light : Mic off

Speaker Volume

Screencast

Remote control



REGULATORY AND SERVICE INFORMATION Receiver RC10

Speakerphone MS10 LED Indicator Status

. The Receiver is not powered, please replug and ensure

3. The Receiver and Speakerphone are not paired. Please

ensure they are the original paired units. Otherwise

LED Status

Green light

Red light

Red light blink

Red light blink

Red light blink

Orange light blink

Red light & orange ligh

Red light & orange light

the Receiver indicator light shows static white.

Receiver RC10 LED Indicator Status

Camera CM70 LED Indicator Status

Static Green | Connection succeed, ready for screencasting.

I. Replug the Speakerphone

Static Yellow No DP signal from the laptop port.

please re-pair.

Static Green Connection succeed, ready for screencasting.

Camera response

Switch to $1x \uparrow 2x \uparrow 3x \uparrow$

4x ↑ 5x ↑ auto framing

Reboot the USB Camera

Camera is off, pop up a

black image with camera

Mic is mute, mute icon

Mic is mute and camera

is off, pop up a black

and camera of icon

image with mic of icon | blink alternately

Flashing Green | Connecting in progress

Flashing Green | Connection in progress

Static White Stand by.

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Compliance

United States of America

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

Note: 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 quarantee 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.

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.

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



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

Q: What's with it when yellow screencast indicator light on Speakerphone MS10? Make sure whether the computer connected supports DisplayPort(DP output).

Q: What's with it when red screencast indicator light on Speakerphone MS10? Power off and on the Speakerphone. Or try pairing again.

Q: Screencast button does't work but indicators on Speakerphone MS10/Receiver RC10 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 RC10 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 Speakerphone MS10?

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 MS10 as your microphone/speaker to activiate Echo Cancellation.

Q: Why does the CM70 camera not work when plugged into Receiver RC10?

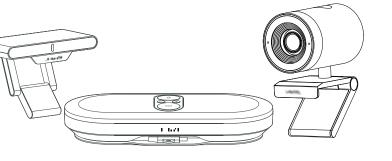
Camera functionality may vary due to compatibility issues. Recommended to use a suggested camera if you are experiencing lagging or failed recognition.

1Select MS10 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. For details, refer to the USB Type-C specification sheet.



All-in-one Conference Solution **Quick Installation Guide**

