



CA400

All-in-one Wireless Conference Solution

User Manual

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1. Introduction

CA400 All-in-one Wireless Conference Solution:

Easy to deploy

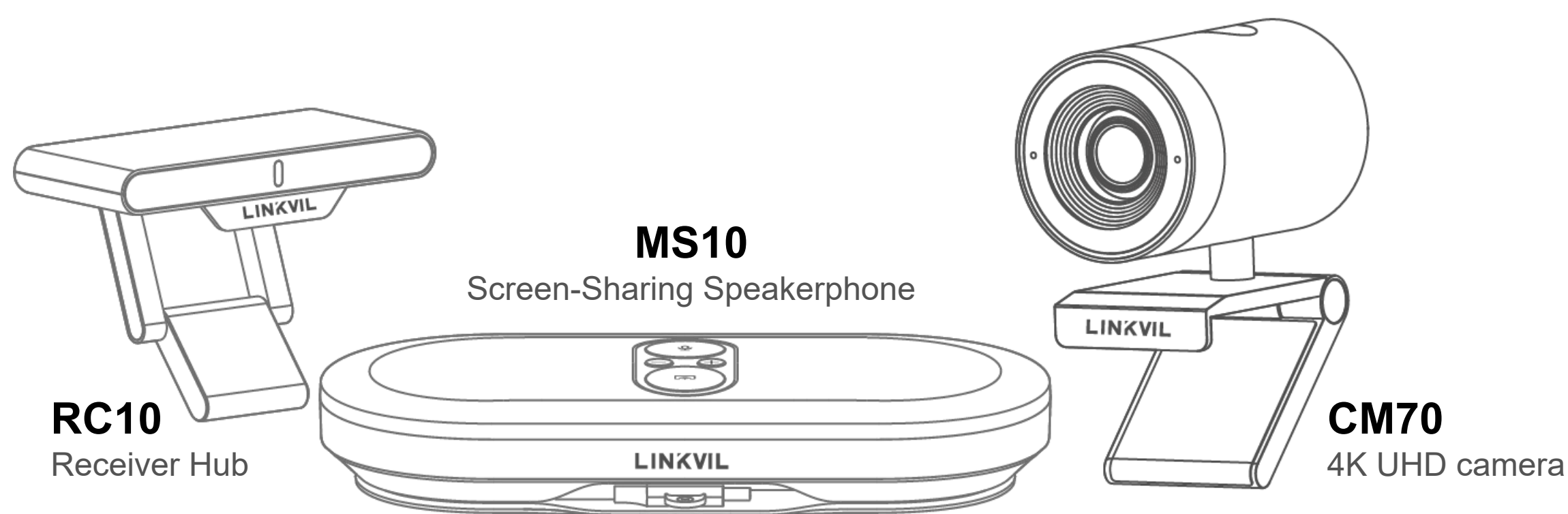
No system integration needed to setup a wireless meeting room

Plug-n-play

No software installation required

Instant meeting preparation

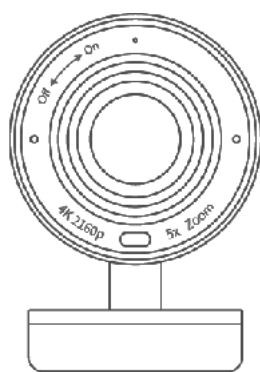
One USB-C enables speakerphone, wireless screen-sharing and camera



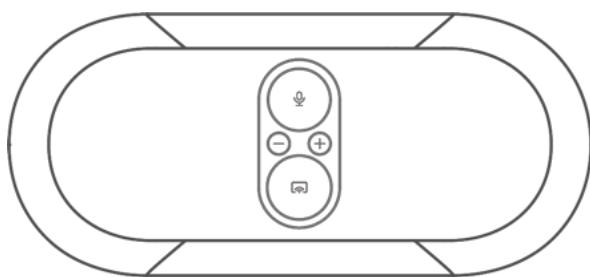
Features

- HDMI enabled display supported, 4K/30fps wireless screen-share without software installation
- CM70 effective-pixel reaches 8MP with 5X digital zoom (1080p for wireless) and Auto-framing
- 4m voice pick-up with Echo Cancellation, AEC, ANS and AGC enabled
- 3W vocal enhanced speakers, good for small-to-med meeting rooms
- Universal stand for flexible deployment and privacy shutter

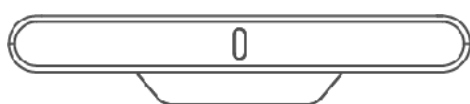
2. In the Box



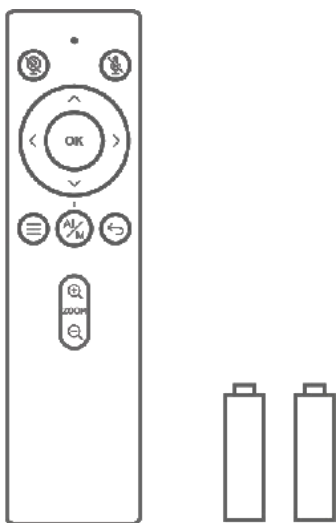
**USB Camera
CM70**



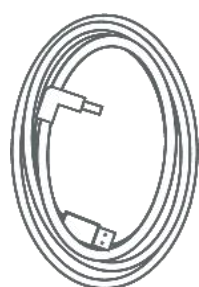
**Speakerphone
MS10**



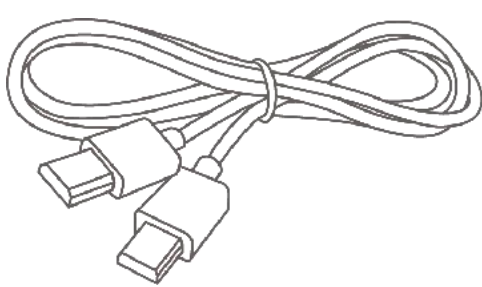
**Receiver
RC10**



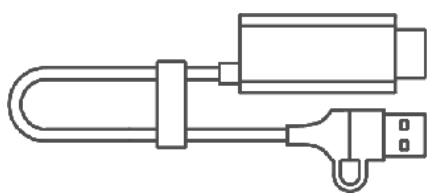
**Remote Control
Battery*2**



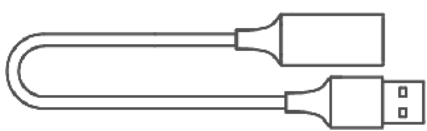
**USB cable
(USB-C to A)**



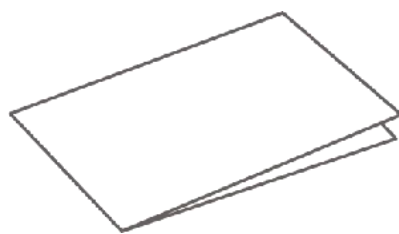
HDMI cable



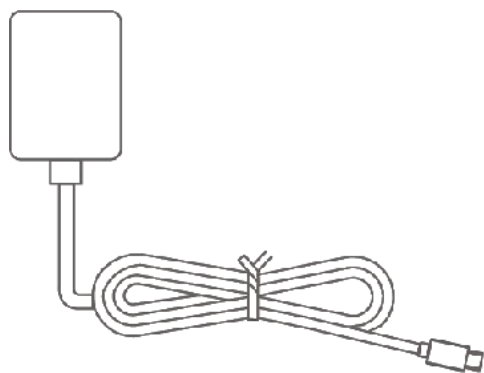
**USB-C to
HDMI & USB-A/C Adapter**



USB Extension cable



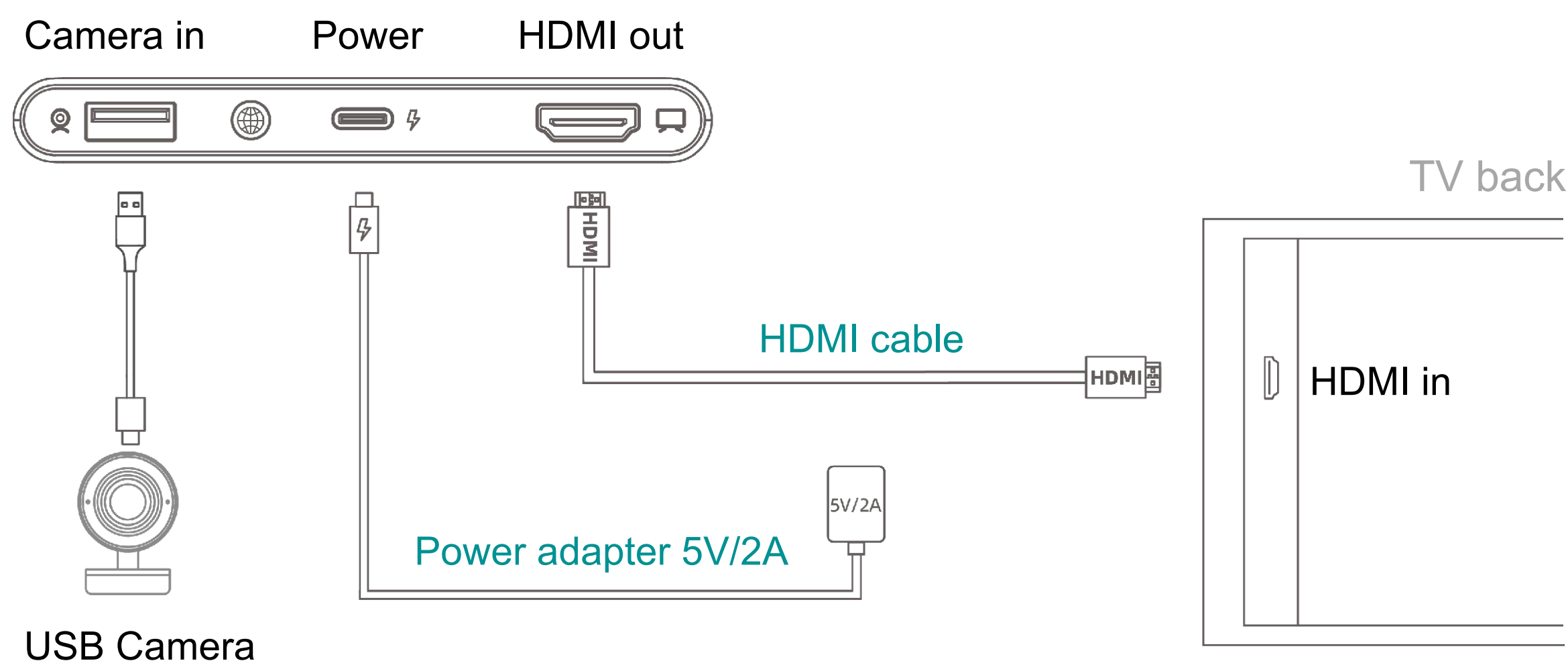
**Quick
Installation Guide**



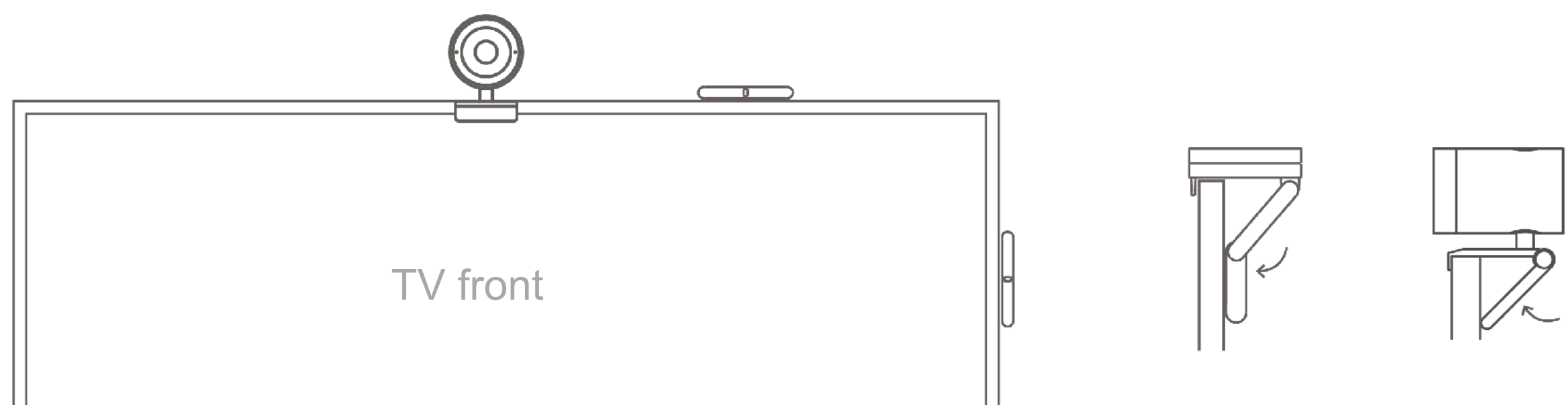
Power Adapter

3. Installation Guide

- 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.



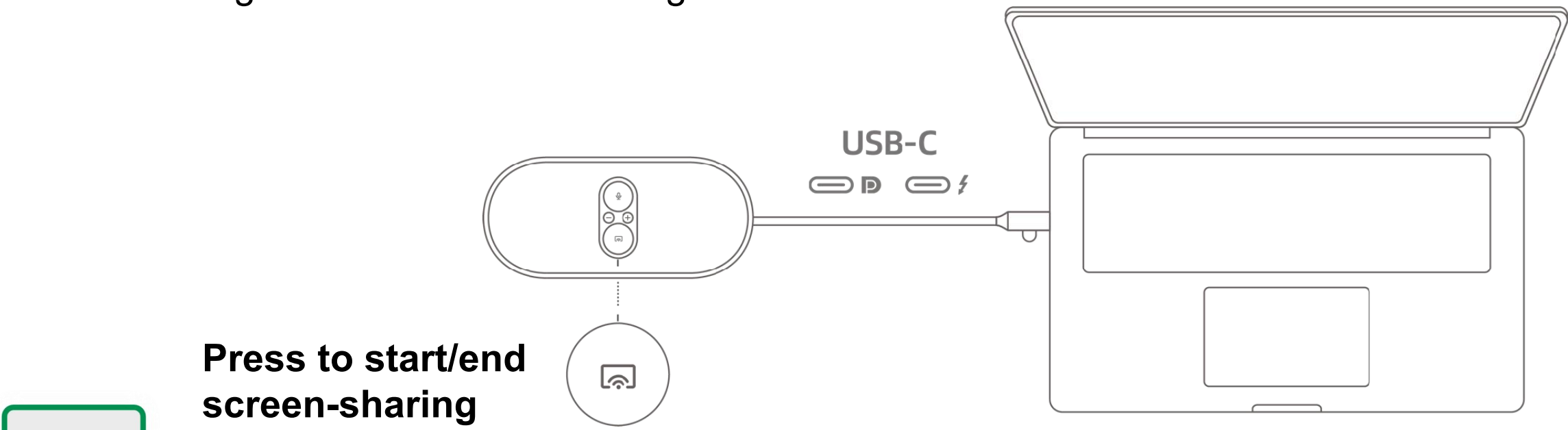
- 3. Mount the Receiver and USB Camera on the display using the built-in mounting clip. Ensure that the receiver is positioned towards the front side for optimal wireless signal transmission. The optimal wireless transmission range is within 5 meters.



- 4. Switch the display output source to the connected HDMI port.

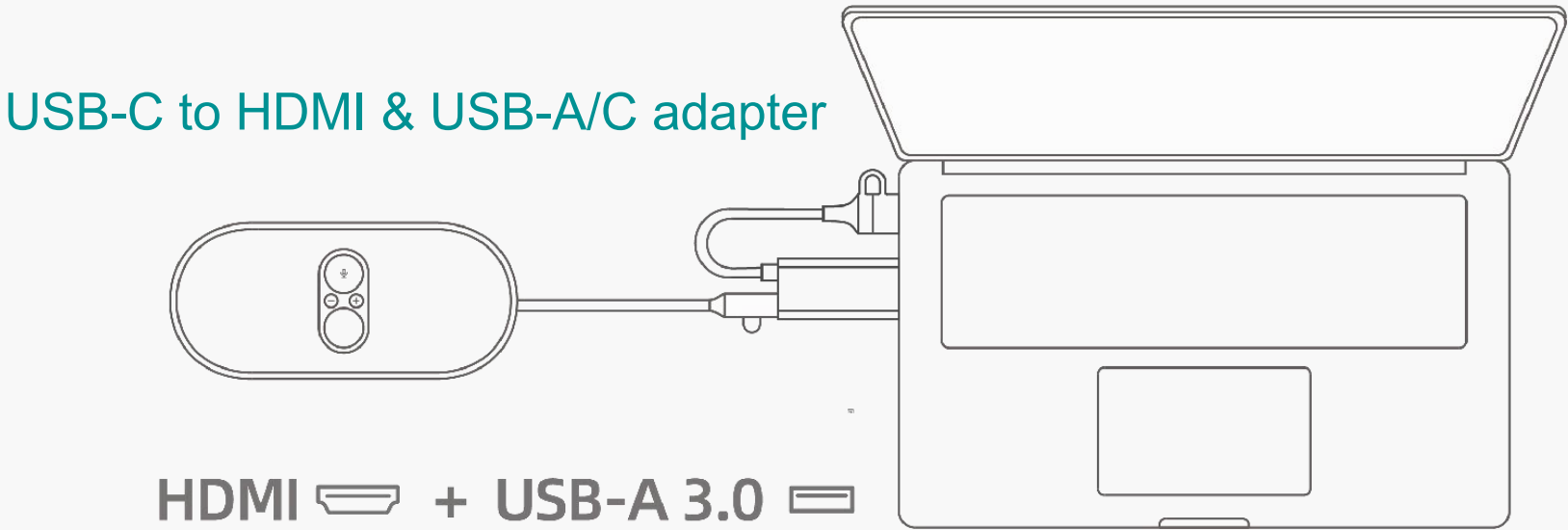


5. Connect the MS10 Speakerphone to a full-featured USB-C port on your laptop. Wait until the screen-sharing button light turns green, then press the button to start sharing your screen. Press the button again to end screen sharing.

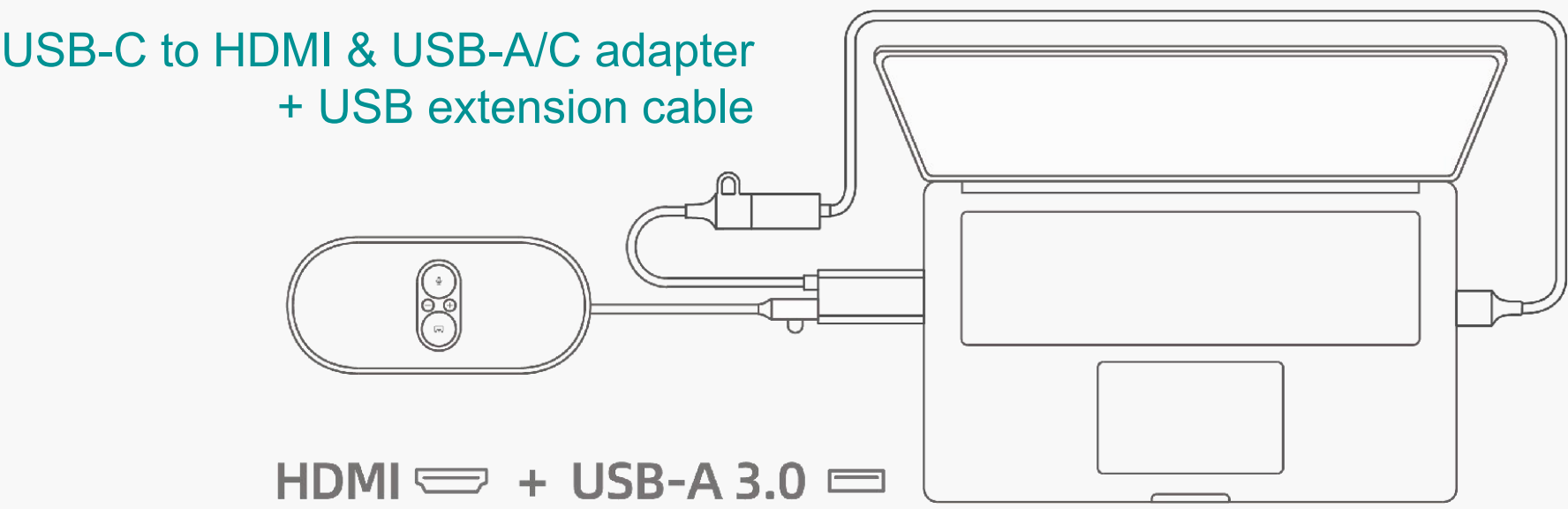


Tips

*In the case where the laptop's USB-C port does not meet the full feature requirement (refer to the table of USB-C specifications), use the H2C adapter (USB-C to HDMI & USB-A/C adapter) instead.



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



*In order to extend the life of the H2C adapter, when you pull out the H2C cable, please pull out while holding the body. Try not to directly pull the cable.



6. To use the speakerphone and access the camera wirelessly, in your video conference software, select "CA400XXX" as your microphone, speaker and camera.

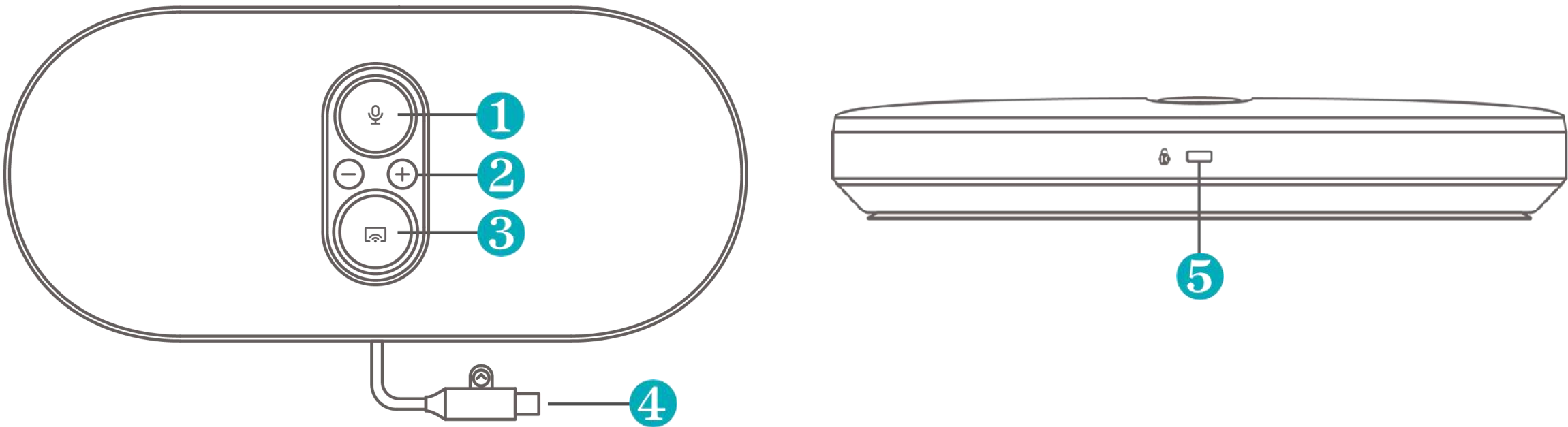


"CA400 wireless camera" option is only available in the camera device list when a camera is connected to the receiver.

4. Instructions

4.1. MS10 - Screen-sharing Speakerphone

4.1.1. Speakerphone Overview



- 1 Speaker Mute/Unmute
- 2 Speaker Volume up/down
- 3 Screen-sharing - Press to start/end Screen-sharing
- 4 USB-C port - For power supply and signal transmission
- 5 Kensington Nano Slot

4.1.2. Screen-sharing LED Indicator

Event	LED Status	
Connecting in progress.	Flashing Green	
Connection succeeds, ready for screen-sharing	Solid Green	
No DP signal from the laptop port.	Solid Yellow	
Three troubleshooting methods for connection failure: 1. Re-plug the Speakerphone. 2. Receiver is not powered, please re-plug and ensure the Receiver indicator light shows static white. 3. The Receiver and Speakerphone are not paired. Please ensure they are the original paired units, otherwise please re-pair* the devices.	Solid Red	

*Re-pairing

In order to re-pair the speakerphone and the receiver, after powering ON,

Method 1: Long-press all of the **Screen-sharing button** **Mute button** **MS10** for **5 s** and **release simultaneously** to enter '**Automatic Re-pairing mode**'.

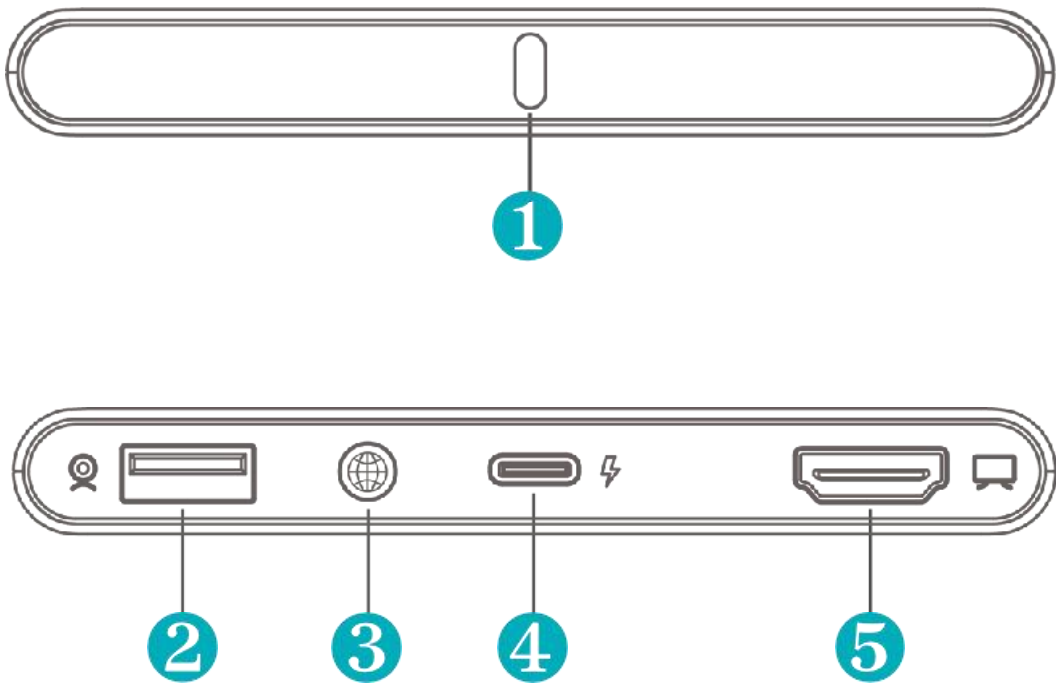
Method 2: Plug the **CP20** into the **H2C adapter**'s USB-C port, then connect the **H2C adapter**'s USB-A port to the **RC10**. Wait **5s** to enter '**Automatic Re-pairing Mode**'.

When the LED indicator shows solid green, the devices are successfully paired.

If not, please follow above actions to try again.

4.2. RC10 - Receiver Hub

4.2.1. Receiver Hub Overview



- 1

Status Indicator
- 2

USB-A Port

For a UVC camera, microphone, speakerphone, or reverse control
- 3

Settings Button

Short press: Switch language

(12 languages: English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Turkish, Simplified Chinese, and Traditional Chinese)

Press and hold for 5 s: Clear pairing information and reset the RC10
- 4

Power Supply*
- 5

HDMI Out for display



* Excessive voltage may cause damage to the product. Using a power supply that exceeds the specified voltage can damage the device or pose other potential risks.

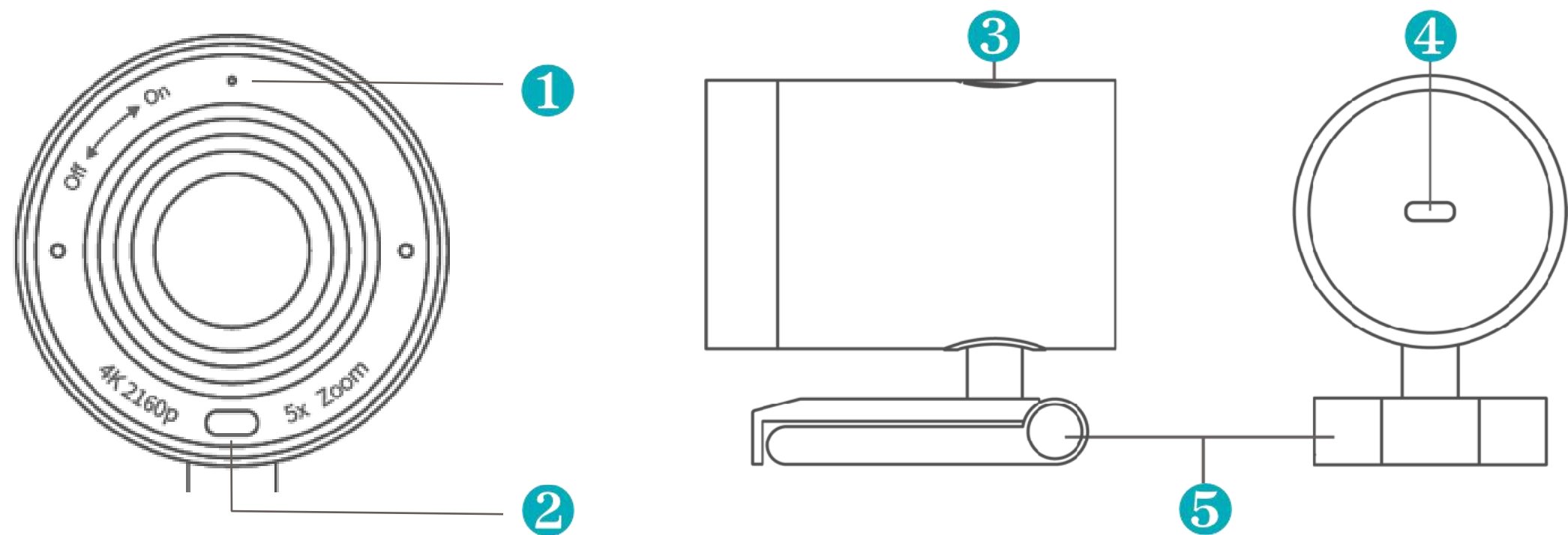
To ensure the safety and proper operation of the device, be sure to use the power specifications provided in the packaging or an equivalent power supply.

4.2.2. Receiver Hub LED Indicator

Event	LED Status	
Connecting	Flashing Green	
Connected and ready to share or sharing	Solid Green	
Standby; no screen-sharing device connected	Solid White	

4.3. CM70 4K UHD Camera

4.3.1. Camera Overview



- 1

LED Indicator
- 2

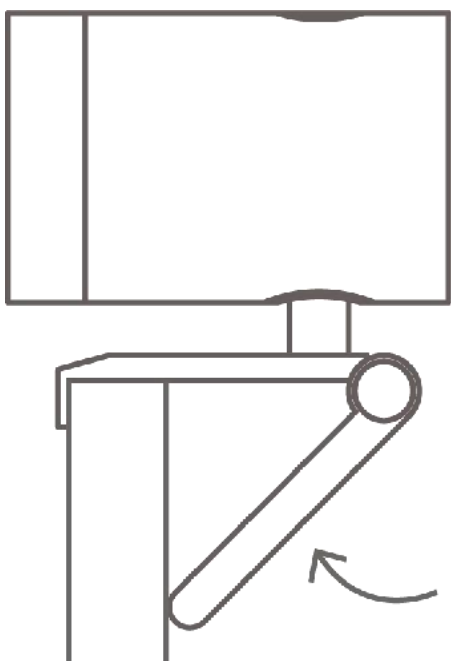
IR Receiver
- 3

Switch Button
- 4

USB-C port
- 5

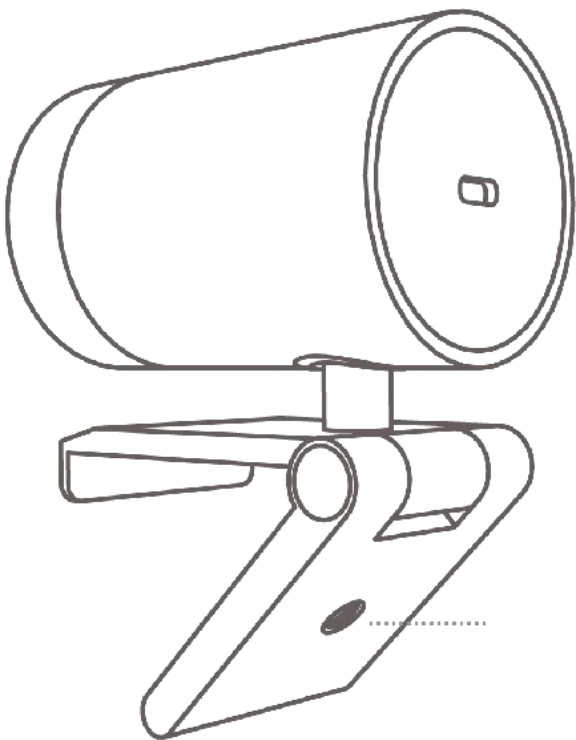
Clip Mount

(Clip Mount)



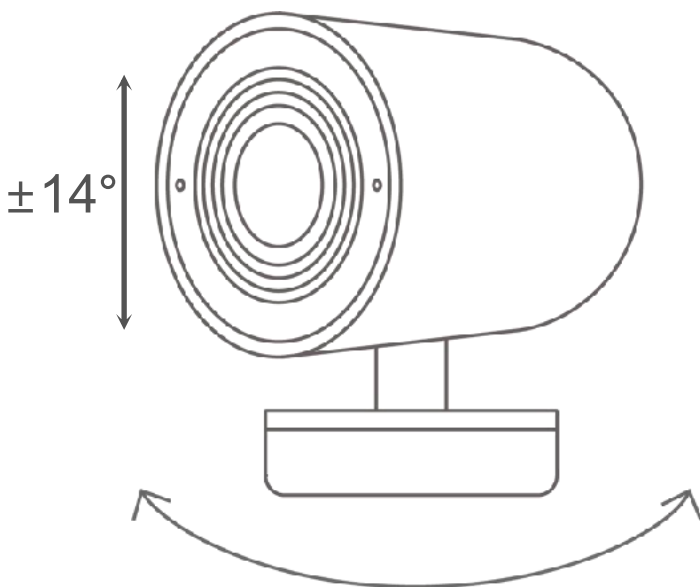
Easily mount onto any displays such as laptop monitor, television or interactive display using its built-in clip mount.

(Tripod Mount)



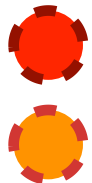
Tripod screw hole is located at the bottom of the clip mount for tripod mounting.

(Swivel & Tilt)

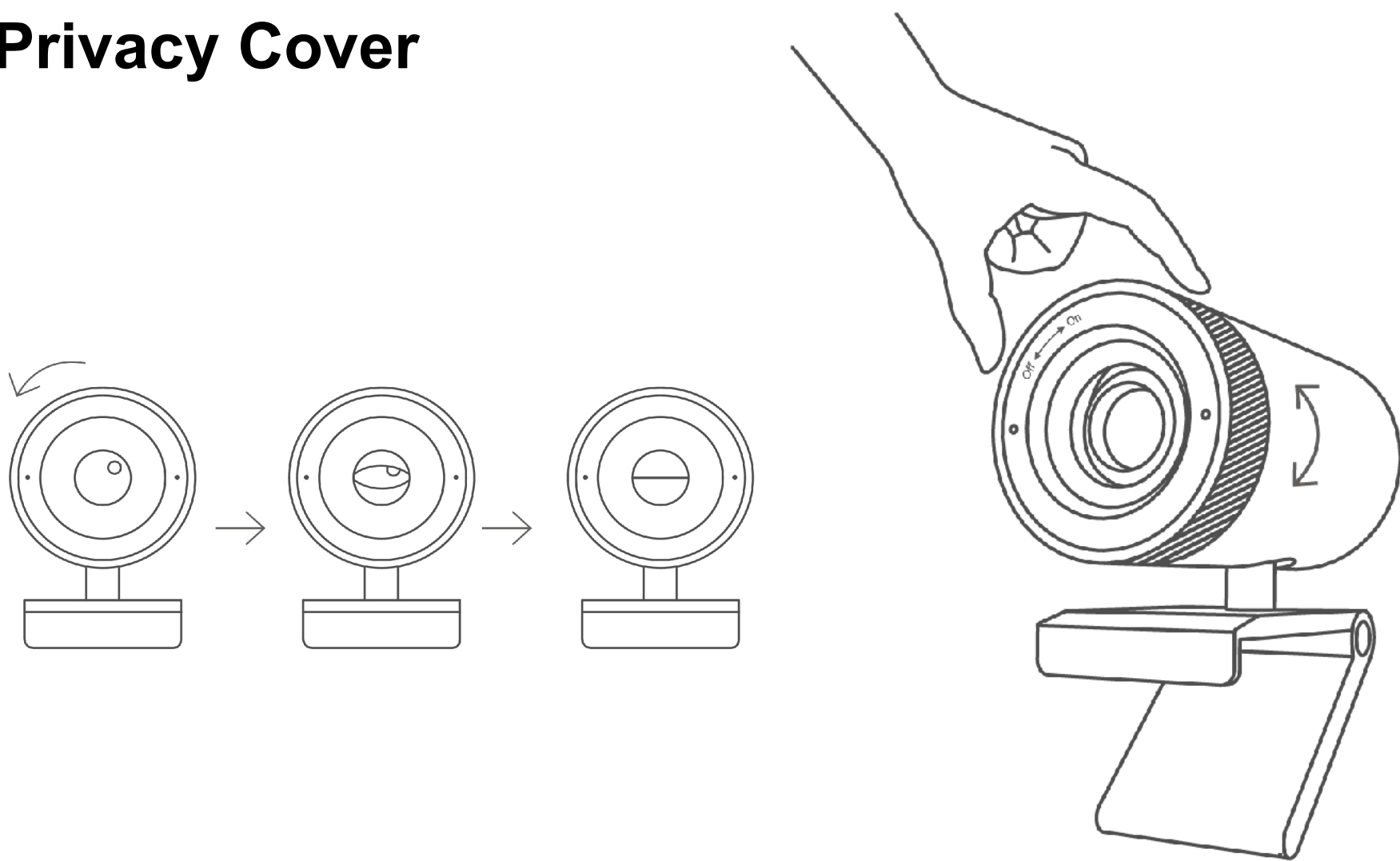


Manually adjust the camera tilt up/down or swivel right/left to the best shooting angle.

4.3.2. Keys & LED Indicator

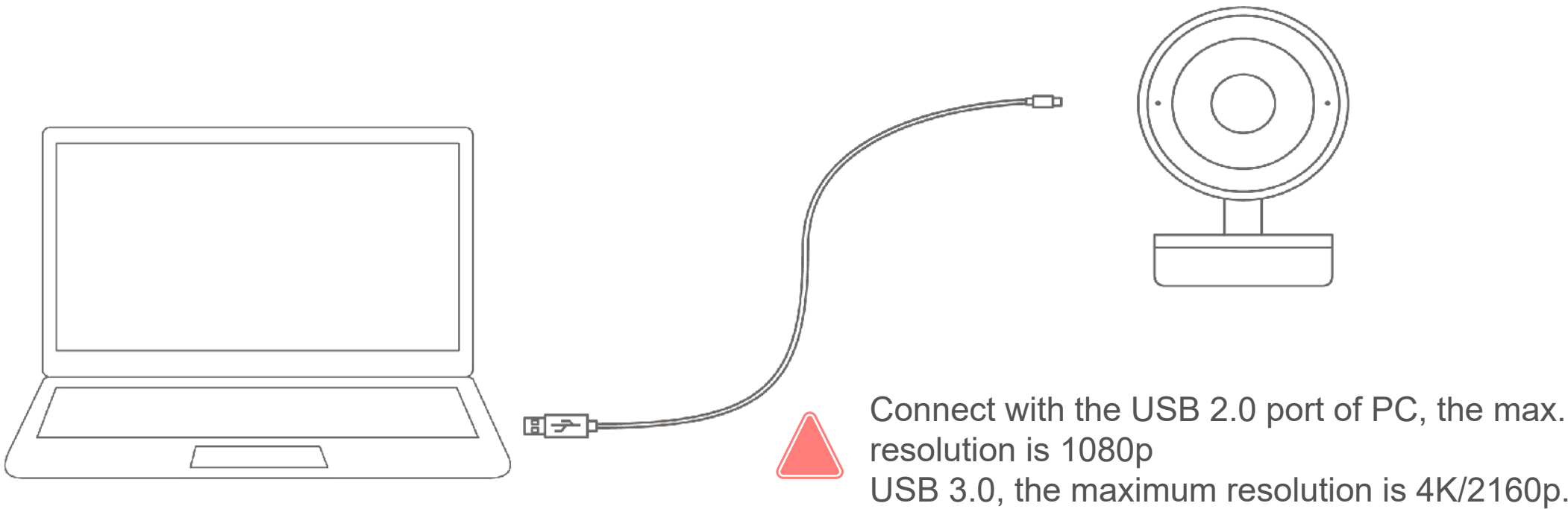
Event	Camera response	LED Status	
Plug-in power	/	Red light & orange light flashing	
Camera is in use	/	Green light	
Camera is not in use	/	Red light	
Single press the switch button	Switch to 1x→2x→3x→4x→5x→auto framing by each press	Red light blink	
Long press (>2s) the switch button	Enter / Exit auto framing mode	Red light blink	
Long press (>5s) the switch button	Reboot the CM70	Red light blink	

4.3.3. Privacy Cover



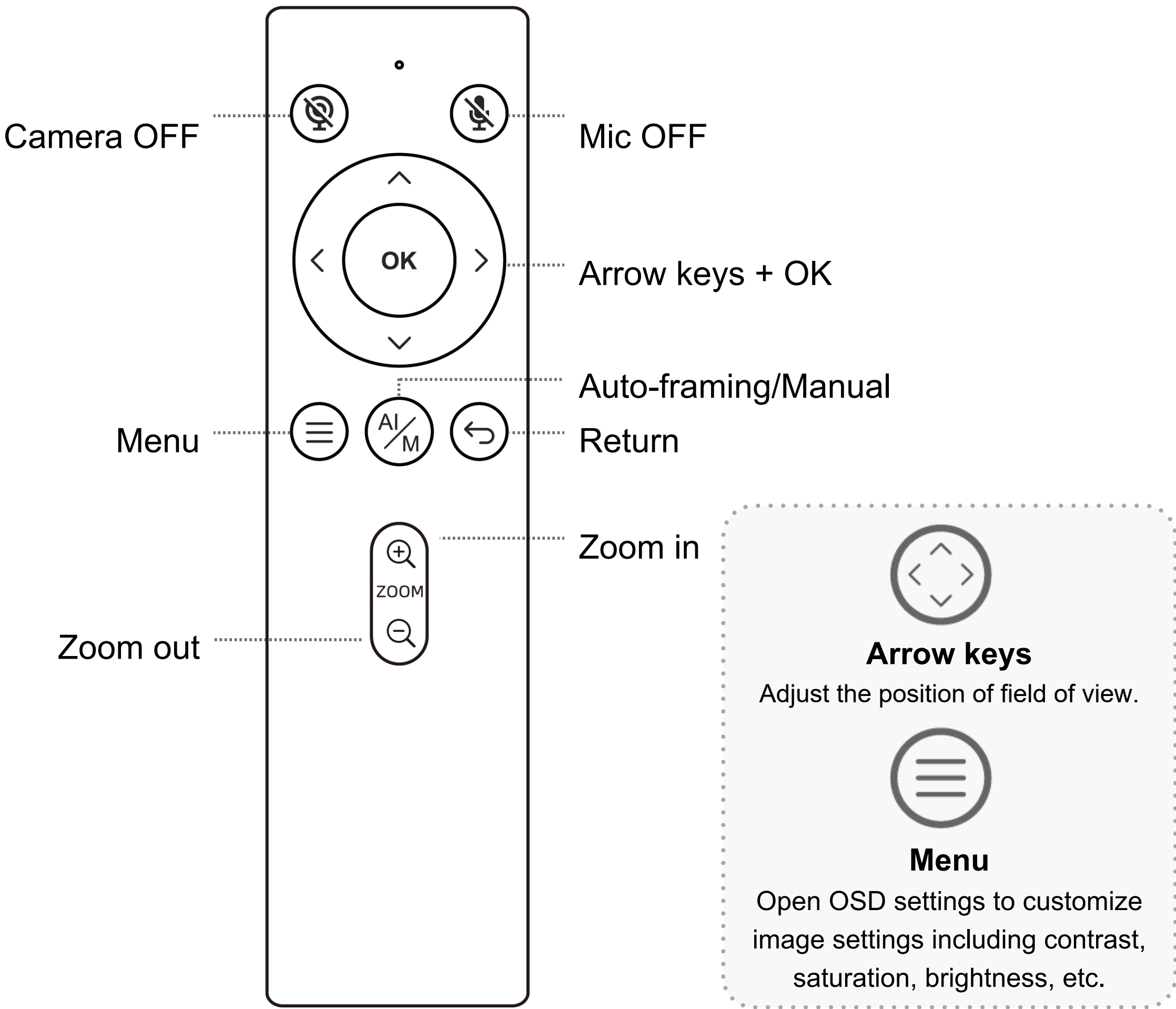
4.3.4. Connection

1. Connect the USB-C end of the included USB cable to the USB-C port at the back of the USB Camera.
2. Connect the Type-A end of the same cable to a laptop or workstation.



4.4. Remote Control

4.4.1. Remote Control Overview



4.4.2. LED Indicator

Event	Camera response	LED Status	
Use remote and turn off mic	Mic is mute, mute icon pop up	Orange light blink	
Use remote and turn off camera	Camera is off, pop up a black image with camera off icon	Red 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 off icon and camera off icon	Red light & orange light blink alternately	 

5. Document Center



Following documents can be downloaded from our document center:
Datasheet, Quick Installation Guide, User manual, FAQ

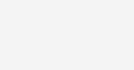


<https://fanvil.com/service/doc/file/linkvils/linkvil/ca400/index.html>

6. Safe Usage Guidelines

- Do not open or modify the product except for internal parts removal and replacement.
- Do not disassemble or attempt to service the product.
- This product is safe under normal and reasonably foreseeable misuse operating conditions.
- If the product is operating improperly, contact the authorized reseller.
- Product must be returned to the authorized reseller for any service or repair.
- This is not a children's product and is not intended for use by children under 14 years old.

Table 1: Computer USB-C specification

USB-C Connector		Data transfer	Display	Power
USB 2.0 480 Mbps	  Normal			
	  PD enabled			
USB 3.1 Gen1 5 Gbps	  Normal			
	  PD enabled			
USB 3.1 Gen2 10 Gbps	  Normal			
	  PD enabled			
Display Port 5-10 Gbps	   Normal			
	   PD enabled			
Thunderbolt 20-40 Gbps PD enabled Display Port	 			

About LINKVIL

As a sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps customers to achieve full connection of wireless communication systems and will build a wireless communication Eco-system for multi-scenarios to help different industries accelerate their digital transformation.

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More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.
For more information, please visit: www.fanvil.com

Compliance



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