

# Web Video Conference Camera User's Manual

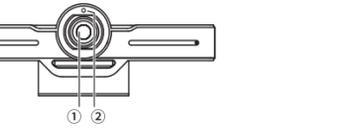


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Please read this Manual before setting up camera, and stick to its requirement strictly. Suggest you keep this manual for further reference.

## Product Appearance and Function

### < Front View >

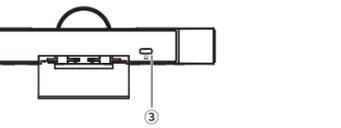


#### 1 Lens

#### 2 LED indicator

Green LED ON: Work status while camera preview in the software.  
Green LED OFF: Camera disconnected or software is closed.  
Green LED Flash: Pressing remote control when camera connected and software open.  
Red LED ON: Microphone Mute.

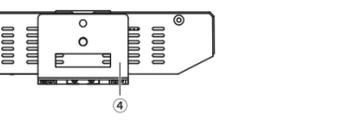
### < Rear View >



#### 3 Type-C output interface

Single Type-C interface provides power supply, video output and EPTZ control.

### < Bottom View >

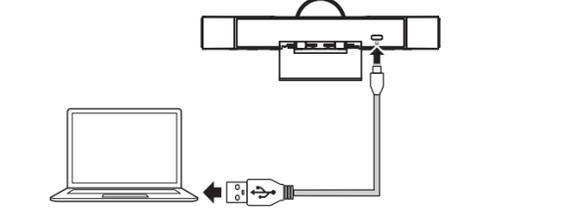


#### 4 Bracket

Support Desktop installation, TV/Monitor mount, Wall mount, Tripod installation.

## How to Connect

Connect camera with computer through USB-TypeC Cable.  
Plug and Play, single Type-C interface provides power supply, video output and EPTZ control.



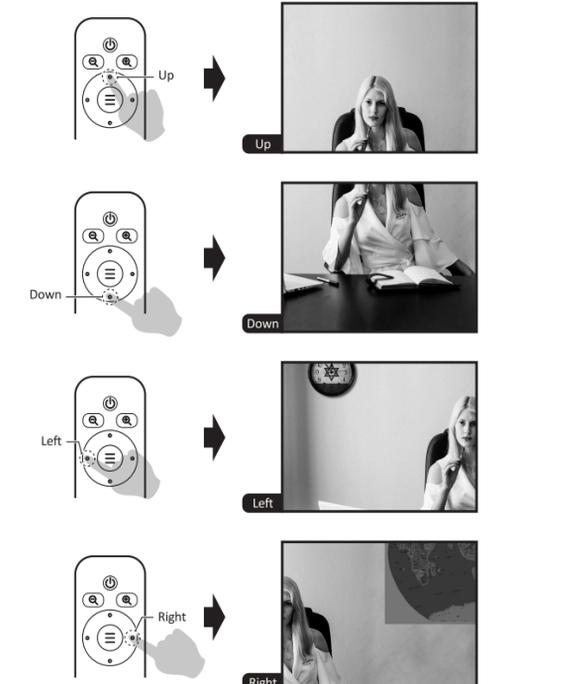
## EPTZ

Web video conference camera supports EPTZ 3x digital zoom, while users zoom in the image, then can move Up/ Down / Left / Right of the image.

1 Press Zoom+ on the remote control to zoom in image.



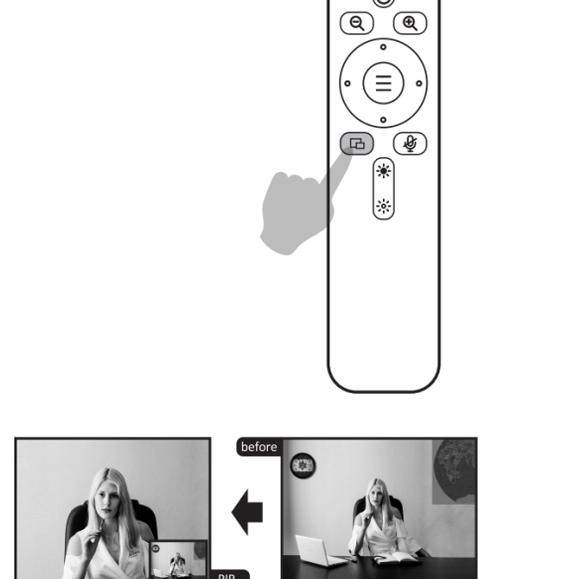
After the image is zoomed in, press Up /Down / Left / Right to move pan and tilt to control EPTZ.



## Picture in Picture (PIP)

WebCamera support PIP (Picture in Picture) function to show an overall image on screen while camera zoom in focus on the key person.

1 Press PIP function shortcut button on remote control, One step enter PIP function mode.



## OSD Menu

Use remote control to press button log-in OSD menu, and access to each value to make adjustment to fit your meeting room condition, Press again to log-off OSD Menu.



### Image Setup

- Exposure**  
Brightness: Adjust image brightness ..... Adjustable Value: 0-255; Default: 50  
Backlight: Adjust the backlight ..... Optional: Off / On; Default: Off  
AE: Adjust the exposure settings ..... Optional: Auto / Shutter; Default: Auto  
Shutter: Shutter speed ..... Optional: 1/10000-1/25; Default: 1/25  
Flicker: Anti-flicker adjustment ..... Optional: 50/60; Default: 50  
Back: Back to previous menu
- Color**  
Hue: Adjust image hue ..... Optional: 0-100; Default: 50  
Saturation: Adjust image saturation ..... Optional: 0-100; Default: 50  
Sharpness: Adjust image sharpness ..... Optional: 0-100; Default: 50  
WB: Select white balance mode ..... Optional: Auto/Manual; Default: Auto  
Color Temp: Adjust color temperature ..... Optional: 1500-15000; Default: 5000  
Back: Back to previous menu
- Image**  
Image Flip: Mirror and rotate image ..... Optional: Off/All/Flip/Mirror; Default: Off  
Frame: Select image frame ..... Optional 30/25; Default: 30  
Image Mode: Select image style ..... Optional Normal/Clear/Bright/Beauty; Default: Normal

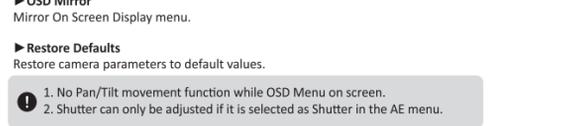
## Installation Instruction

1. No Pan/Tilt movement function while OSD Menu on screen.  
2. Shutter can only be adjusted if it is selected as Shutter in the AE menu.

1. Desktop installation  
Put the camera on the table, keep horizontal placement.

2. TV/Monitor mount  
Fix the camera on the top of TV/Monitor by adjusting the bracket, keep horizontal placement.

3. Wall mount  
Screw the wall mount bracket on the wall, refer to the following picture 1.  
Fasten the camera on the wall mount bracket, refer to the following picture 2.



## Standard Packing List

1 Conference Camera ..... x1  
2 Type-C Cable 3m ..... x1  
3 Remote Control(no battery) - x1  
4 User's Manual ..... x1  
5 Bracket and screws ..... x1

## Remote Control Functions

Buttons	Functions
1 Power	Turn ON/OFF Camera
2 Zoom out	ZOOM OUT
3 Zoom in	ZOOM IN
4 OSD menu	1. Camera OSD Menu (Middle) 2. EPTZ Control (Up, Down, left, right) 3. The menu button under the camera menu bar for confirmation selection and return to the upper level menu. The direction control Up and Down for the movement cursor, the direction control Left and Right to adjust the corresponding parameters. The change takes effect immediately, no need to press the confirmation key.
5 Microphone mute	Microphone Mute
6 PIP	Picture in Picture function
7 Brightness +/-	Increase/decrease brightness

If the remote control doesn't work, it may be because the battery run out, please replace it with a new one (AAA\*2pcs).

## Troubleshooting

Before bringing in your camera for service, check the following as a guide to troubleshoot the problem. If the problem cannot be corrected, please consult with your dealer.

Symptom	Cause	Solutions
USB video device cannot be recognized or driver installation failed or USB audio device cannot be recognized or driver installation failed	The USB cable interface is not connected properly Use the too long/low quality extension cable Computer USB port is faulty Computer system files are missing	Reconnect the USB cable Use our tested USB extension cable. Connect with other USB port Repair computer driver
Image and video are blurred	Lens has fingerprints or dust	Use a lint-free cloth to clean the lens
Can't pick up audio	The device is in the microphone mute The device is not selected as the input source	Enable microphone Select this device as the input source
The remote control does not work	Used out of battery	Change new batteries.(AAA x 2)

## Specification Sheet

Model	Web Video Conference Camera	
Image Sensor	Sensor	1/2.8" SONY CMOS
	Effective pixel	2.0 Megapixel
	White balance	Auto
	Gain Control	Auto
	Back Light Compensation	Support
	Electronic Shutter	Support
	Remote functions	Audio: Microphone mute Video: ZOOM+, ZOOM-, Up, Down, Left, Right, OSD Menu, Turn ON/OFF camera, PIP, Brightness +/-
Status display	Two-color LED indicator light	
Work Temperature	-40 C ~ 50 C (Storage temperature) -10 C ~ 40 C (Working temperature)	
Humidity	0-95% RH	
L x W x H	200.6x55x70mm	
Weight	309.4g	

Lens	S/N ratio	>50db
	Focus	2.26MM
	Iris	F1.8
	Zoom	Fixed(Support EPTZ, 3x Digital Zoom)
Video output format	MIPEG/YUY2/H264	1920x1080, 1600x896, 320x240, 352x288, 640x480, 720x576, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x488, 640x360, 480x272
	Special functions	OSD, PIP, EPTZ
Video output interface	Type-C	
<b>Audio</b>		
Microphone	Built-in omnidirectional analog microphone, 360-degree pickup range	
Pickup range	5 meters	
Audio processing technology	ANS automatic noise suppression technology,	
	AGC gain control adjustable technology	
Sampling rate	48kHz	
Transfer method	Type-C	
<b>Other parameters</b>		
Total power	1.5W MAX	
Power supply	Type-C port provide power, 5V 0.5A	
Remote functions	Audio: Microphone mute	
	Video: ZOOM+, ZOOM-, Up, Down, Left, Right, OSD Menu, Turn ON/OFF camera, PIP, Brightness +/-	
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