

# Web Video Conference Camera User's Manual

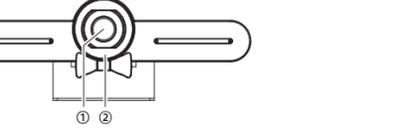


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Please read this Manual before setting up camera, and stick to its requirement strictly. Suggest you keep this manual for further reference.

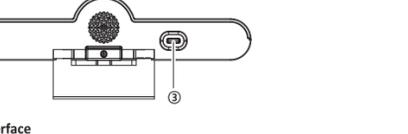
## Product Appearance and Function

### < Front View >



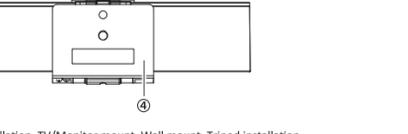
- ① Lens
- ② LED indicator  
Green LED ON: Work status while camera preview in the software.  
Green LED OFF: Camera disconnected or software is closed.  
Green LED Flash: Pressing remote control when camera connected and software open.  
Red LED ON: Microphone Mute.

### < Rear View >



- ③ Type-C output interface  
Single Type-C interface provides power supply, video output and EPTZ control.

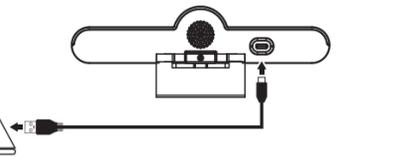
### < Bottom View >



- ④ Bracket  
Support Desktop installation, TV/Monitor mount, Wall mount, Tripod installation.

## How to Connect

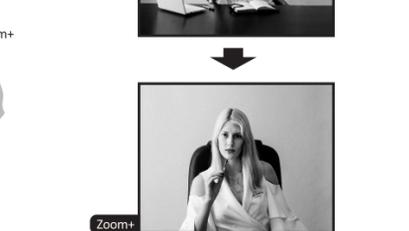
Connect camera with computer through USB-TypeC Cable. Plug and Play, single Type-C interface provides power supply, video output and EPTZ control.



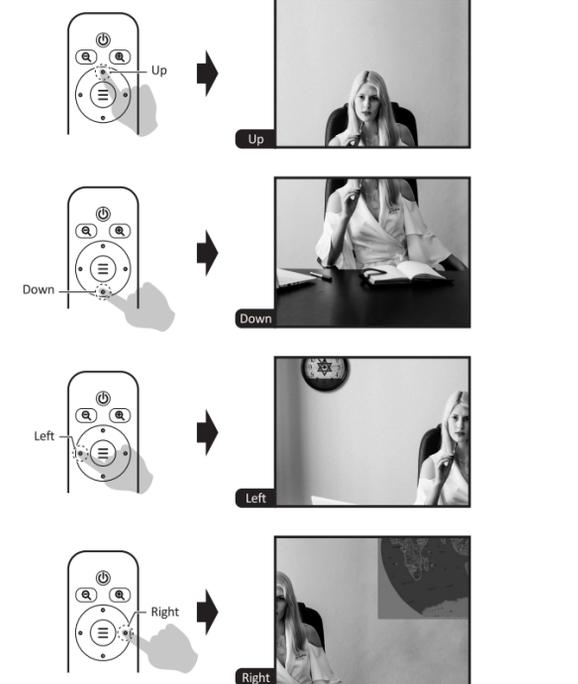
## EPTZ

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.



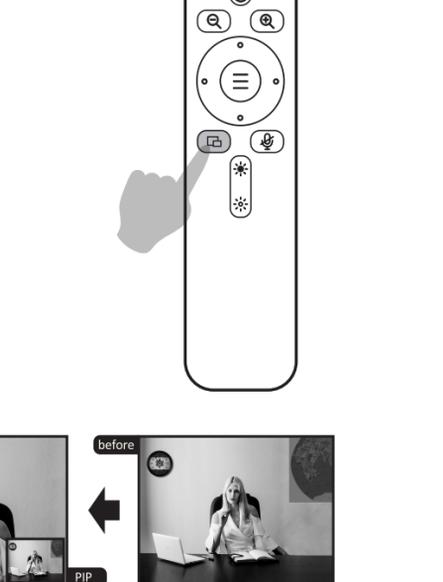
- ② After the image is zoomed in, press Up /Down / Left / Right to move pan and tilt to control EPTZ.



## 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: 0-100; 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

PIP: Picture in picture function, ..... Optional: Off/On; Default: Off

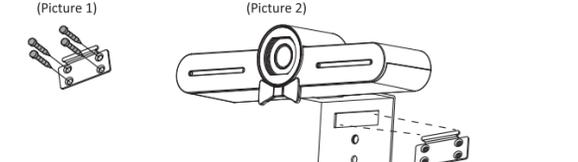
showing an overall image on screen while camera zoom in focus on the key person.

- **Information**  
Version: Firmware version info.  
Model: Camera model info.  
Date: Firmware version date.  
\*The information may vary according to product updates.
- **Language**  
OSD menu language.
- **OSD Mirror**  
Mirror On Screen Display menu.
- **Restore Defaults**  
Restore camera parameters to default values.

- 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.

## Installation Instruction

- 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.



## Tripod installation

Provided a standard Tripod connector for tripod installation, and Tripod does not included in the standard package.

## 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	
Video Parameters		
Sensor	1/2.8" Sony CMOS	
Effective Pixel	2.1 Megapixel	
White Balance	Auto	
Gain Control	Auto	
Back-light Compensation	Support	
Shutter	Support	
S/N Ratio	>50db	
Other Parameters		
Consumption	1.5W max	
Power Supply	USB 2.0 5V 0.5A	
Status	2-color LED lights	
Remote Control	Audio: Microphone mute Video: ZOOM+, ZOOM-, Up, Down, Left, Right, OSD Menu, Turn ON/OFF camera, PIP, Brightness +/-	
UVC Protocol	Support complete UVC protocol, support Zoom, Skype etc.	
Storage Temperature	-40 C -50 C	
Working Temperature	-10 C -40 C	
Working Humidity	0-95% RH	
Dimension (LxWxH)	200.6mm x55.4mm x71.5mm	
Weight	198.9g	

Lens	Focus	f=2.26 mm F1.8
	Zoom	Fixed (EPTZ 3x zoom)
	HOV	116.4*(D)/105*(H)/56*(V)
Video Output	USB 2.0 type C	
Video Output Format	MJPEG/YUY2/H264: 1600x896, 320x240, 352x288, 640x480, 720x576, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x488, 640x360, 480x272, 1920x1080	
Special Functions	Support OSD Menu, PIP, EPTZ	
Video output Interface	USB 2.0 Type-C	
Audio Parameters		
Microphone	Full duplex 360° omni-directional microphone	
Pickup Range	Max 5 meters	
Audio	ANS auto noise suppression, AGC gain control	
Sampling Rate	48KHz	
Audio Output	USB 2.0 type C	
Other Parameters		
Consumption	1.5W max	
Power Supply	USB 2.0 5V 0.5A	
Status	2-color LED lights	
Remote Control	Audio: Microphone mute Video: ZOOM+, ZOOM-, Up, Down, Left, Right, OSD Menu, Turn ON/OFF camera, PIP, Brightness +/-	
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