

285mm

90mm

4K HD ALL IN ONE
CONFERRING CAMERA

1. Packaging Contents

Please check the packaging contents carefully after receiving products.

4K Camera x1

Adaptor x1
(adaptor type is subjected to real product)

Bluetooth Remote Controller x1

USB Cabel x1

User Manual x1

Magnetic privacy Cover x1

2. Appearance Display

4 Mic

Tilt Up/Down

Camera Status Indicator

Folding bracket

4K lens

Speaker

Speaker

USB2.0

DC12V

LINE IN

LINE OUT

90mm

3. Setting up your conferencing camera

(1).Place your camera

Designed for the way you like to make a video call, Live, conference, etc. Place the Camera where you want it like on a computer monitor, desktop, wall, ceiling.

(a). Put on top of desk

(b). Wall Mount

Drill holes on the wal that match the reserved position of the product bracket, and install the corresponding screws (note: the screws need to be purchased separately)

(c). For placement on a monitor

Unfold the stand of this product, place it on your monitor, adjust the angle of the stand, close to the back of the monitor

4. How to check conferencing camera is connected

in the process of running the application, if you change the connector or settings, it may not be recognized immediately, please end the application once and start again.

Win10

1) Start button, find the camera icon and click it. If the screen normally plays back the images captured by the camera, the camera is successfully connected.

Camera icon

2) You can set the camera.

Camera set icon

3) If there multiple cameras or the camera is not displayed, please click to switch the camera.

Replace camera icon

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Win8

1) Start button, find the camera icon and click it. If the screen normally plays back the images captured by the camera, the camera is successfully connected.

Camera icon

2) You can set the camera.

Photo booth

2) The preview screen will play the image taken by the camera.

USB camera icon

5. External Bluetooth Device Connection

1. To connect an external bluetooth speaker/microphone, first make sure the external bluetooth is in the pairing status and at the same time, plug the MC2000S camera into PC, and then follow below intruction(we take Win10 system as an example): Switch on the Bluetooth button of the PC, then click to add the external speaker/microphone from the list till it is connected.

2. If the Bluetooth speaker cannot play PC audio (no sound) after connection, please follow the steps below:
Place the mouse cursor on the speaker icon in the bottom right corner of PC, then right-click to select "Sound", and then in the "Play" list, select the corresponding playback device, and then "Confirm".
When playing music normally, you can set "the bluetooth speaker Model Name with a suffix as Setero" as the default device, so that the sound quality of the music can be improved. But during the voice call, please set "the bluetooth speaker Model Name with a suffix as Setero" as the default communication device, other wise it is possible that voice of the other party can not be heard.

3. If the Bluetooth microphone fail to record after connection (or the other party cannot hear the sound), please follow the steps below:
Place the mouse cursor on the speaker icon in the bottom right corner of the PC, then right-click and select "Sound", then select "Record", in the playlist, select the connected bluetooth microphone as the default device, and then "Confirm".

90mm

6. Technical Information

• 4K Ultra HD Output

Using a new generation 8 million effective pixel 1/2.8 inch high quality FHD CMOS sensor, can achieve the maximum 3840x2160 high resolution quality image.

• Ultra High Frame Rate

MJPEG and YUY2 output frame rate 4K/30fps 1920x1080P/30fps

• 4 MIC Array System

4 Digital MIC Array, pickup voice up to 10 meters

• Auto Control Technology

Automatic Echo Noise Reduction Control(AEC)
Automatic Gain Control(AGC)
Automatic Noise Reduction Control(ANC)

• Auto Light Correction

Automatic Exposure (AE)
Auto White Balance (AWB)
Dynamic Black Level Calibration (ABL/C)

• Multi Interfaces

USB2.0, LINE IN, LINE OUT, Bluetooth

• Various application scenarios

Business conference, video call, video recording, live streaming, teaching video, distance education, telemedicine system, etc.

7. Product Specification

Camera Parameters	
Imaging Sensor	4K 1/2.8 inch CMOS Sensor
Total Pixels	8.3 million
Output Image Format	MJPEG and YUY2
Focal Length	f=2.52mm
Minimum Illumination	0.5Lux
Focus Mode	Fixed Focus
Image Color	24Bit
Picture Adjustment	Brightness, chroma, saturation, contrast, sharpness
Field of view (Vertical)	74° (W)
Field of view (Horizontal)	107° (W)
Field of view (Diagonal)	116° (W)
Par: Tilt: Zoom:	0° ±15° 3X Digital zoom
AIC	Automatic Exposure (AE) Auto White Balance (AWB) Dynamic Black Level Calibration (ABL/C)
Resolution	3840*2160@30fps 1920*1080@30fps 280*720@30fps 640*480@30fps
Interface	USB2.0, LINE IN, LINE OUT, Bluetooth

90mm

8. Bluetooth Remote Controller User Manual

Buttons Combination(Press Step-by-Step)

• Long Press (5)Menu [≡] 5s and release, secondly press single/long press any following button to set video picture effect, thirdly press (13)[OK] to confirm and exit.
(6)VOL+ / (7)VOL- : Achieve brightness+/brightness- of camera
(8)Zoom+ / (9)Zoom- : Achieve contrast+/contrast- of camera
(11)Page Up [Q] / (12)Page Down [Q]: Achieve saturation+/saturation- of camera
Press(3) [◀] / [▶] / [▲] / [▼]: to adjust mirror image in vertical and horizontal

(1)Turn off

(2)Mute MIC

(3)Direction button

(4)Microphone

(11)Page Up

(5)Menu

(6)VOL+

(7)VOL-

(10)Flymouse

(13)OK button

(12)Page Down

(8)Zoom+

(9)Zoom-

peration function

(1)Turn off [] Single press to turn the video picture off/on (see picture 1-1, 1-2) Long 3s press to turn on/off

(2)Mute MIC [] Single Press to mute/open camera Mic

(3)Direction button [] Control direction movement of video picture

(4)Microphone [] Long press without release to switch to built-in MIC of remote controller, release to switch to camera MIC

(5)Menu [≡] Menu/Single press to turn on/off AI function

(6)VOL+ [] Single long press to increase volume (Synchronize volume control on PC side)

(7)VOL- [] Single long press to decrease volume (Synchronize volume control on PC side)

(8)Zoom+ [] Single/long press to zoom+

(9)Zoom- [] Single/long press to zoom-

(10)Flymouse [] Single click to open/close Airmouse [] Move up [] Move down [] Left click [] Right click

(11)Page Up [Q] Page up

(12)Page Down [Q] Page down

(13)OK button [OK] Long press [OK] button to confirm or enter Reset

90mm

9. Camera Circle Light Instruction

Camera is Power on	Light flashes or keeps on
Camera & Remote Controller Unpaired	Blue light flashes
Camera & Remote Control Paired	Blue light keeps on
MIC muted: turned on/off	Red light keeps on/turns off
External Mic connected	Purple light keeps on
Camera opened/closed	Left blue light keeps on/turns off
Other buttons turned on/off	Blue light flashes
Long Press Menu button on remote control to enter into setting mode, press OK button the flash light will disappear	Red and blue light flash alternately
Long press OK button for 3s to enter RESET	Purple light flashes 3 times

90mm

10. Some Suggestions

There are a few things we suggest for best performance

1. Do not sit in front of a window or other bright light ource.
2. Having an uncluttered background will have your viewers concentrating on you.
3. The mounting system allows for tilting and aiming the camera. While sitting in your normal position, your entire face should be just above the middle of the picture. Tilt and move the camera to frame up a good view.
4. Visit your preferred video calling provider's website for exact information on system and performance requirements.
5. To get a smoother video, especially at high resolution, we recommended network speed above 2M/s.

11. Solutions for Common Problems

• No reaction of bluetooth remote controller

1) Check if the remote controller is filled with battery or filled the battery correctly if there is no red led light appears when pressing any button on remote controller.
2) Repower MC2000 Camera and then press the VOL- and ZOOM- at same time for 3s.
• Blue LED light flashes slowly on camera

1) Cut off the power 3s and reconnect it.
2) Press "OK" + "+" "button same time for 3s until red led on remote controller turn off.
3) Press Vol- + Zoom- together for 3s.
• Picture shows shonormal

Press "OK" button for 3-5s to enter Reset
• Pictures looks vague

Check if the lens is dirty
• Difficult connection with external bluetooth speaker

This often happens under the bluetooth is abnormally unconnected or under windows 10 system which a driver is required.
• Microphone fails to record

1) Check if MC2000 is the default recorder device by PC.
2) Check if mic was muted by remote controller.
• PC fails to read this Camera

1) Check if the adapter is fully connected.
2) Check if usb cable is correctly connected.
• No image displayed

1) Check if the USB port and USB cable of the terminal device are connected correctly.
2) Check if the USB cable is stable.
3) Check if the USB port can work normally.
• The image breaks frequently

1) Check if the USB cable is stable.
2) Check if the USB port and USB cable of the terminal device are connected correctly.
• The definition is not good after accessing software

Check the software video input settings to see if the camera video input is set correctly.

90mm

12. Warranty and Service Information

This product is guaranteed for a period of one year from the date of purchase. Only product defects caused by its quality can be returned for repair or replacement. The returned product package shall be in its original package or package with an equal degree of protection. Following information must be presented to obtain Warranty Service:

(a) the product;
(b) proof of purchase clearly indicates date of purchase & product model;
(c) reason for return.

This Warranty does not cover defects or damages that result from:
(a) improper storage, misuse or abuse, accident or neglect such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse;
(b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food;
(c) use of the product or accessories for commercial purposes or subjecting the product or accessories to abnormal usage or conditions;
(d) other acts which are not the fault of seller;
(e) damage due to improper operation;
(f) products battery which have not been charged over six months.

size: 360x285mm, 128g双铜，黑白印，双面印，风琴4折页，再对折，成品尺寸90x1425mm

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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 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.