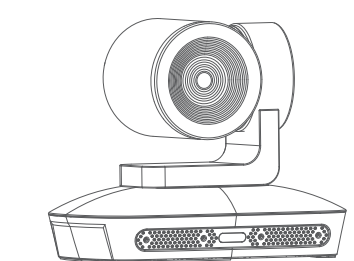
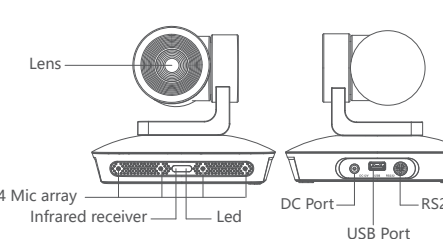
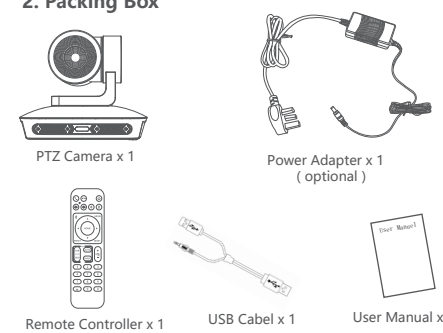
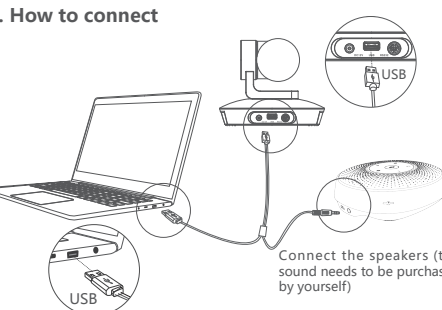
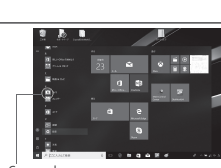
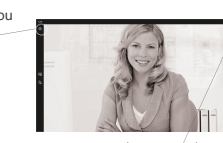
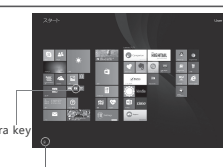



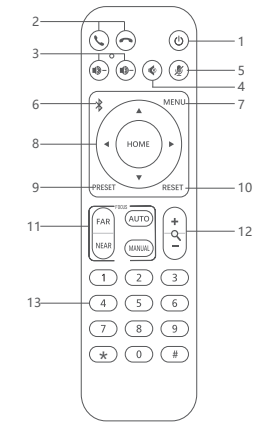
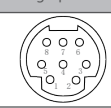
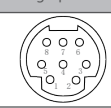
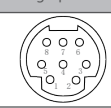


100mm

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<p>MC208S USB HD PTZ AUTO ROTATE TRACKING VOICE CAMERA</p>  <p>User Manual</p>	<p>1. Product Display</p>  <p>2. Packing Box</p>  <p>1</p>	<ul style="list-style-type: none"> • 4 MIC Array System • 4 Digital MIC Array, 10 meters voice pick up • Automatic Echo Noise Reduction Control(AEC) • Automatic Gain Control(AGC) • Automatic Noise Reduction Control(ANC) • Voice Automatically Locate • Technical innovation, unique functions, The camera will follow the voice and automatically locate the person speaking. So that the speaker in the meeting will always appear in the lens. • 1080P • 2 million pixels 1/2.5inch HD CMOS sensor, can achieve 1920x1080 HD picture • Ultra-High Frame Rate • MJPEG Output Frame Rate 4K/30fps • USB 2.0 • USB2.0 plug and play, easy to use • Long-Range Control • Supporting RS232/USB2.0 interface long-range upgrade maintain functions • Control Protocol Automatic Identification Technology • VISCA, PELCO protocol automatic identification technology, don't need to dial-up or menu setup • Image Flipping Technology • To achieve camera image flip, zoom, PTZ control and etc by free exclusive control software. • Multiple Application Scene • Education, Conference, Medical Treatment and etc <p>2</p>	<p>3. How to connect</p>  <p>Connect the speakers (the sound needs to be purchased by yourself)</p> <p>※ How to confirm that this product is correctly recognized by the computer.</p> <p>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.</p> <p>Win10</p> <p>Start button, click the camera to confirm whether the camera is connected normally. If the screen normally plays back the images captured by the camera, the camera is successfully connected.</p>  <p>Camera key</p> <p>3</p>	<p>You can make the camera settings you need.</p> <p>Camera set key</p>  <p>Replace camera key</p> <p>If there are multiple cameras or the camera is not displayed, please click to replace the camera.</p> <p>Win8</p> <p>Start button, click the camera to confirm whether the camera is connected normally. If the screen normally plays back the images captured by the camera, the camera is successfully connected.</p>  <p>Camera key</p> <p>Next page</p> <p>You can make the camera settings you need.</p> <p>If there are multiple cameras or the camera is not displayed, please click to replace the camera.</p>  <p>Replace camera key</p> <p>4</p>	<p>Mac</p> <p>Start the "photo booth" and select the MC208S from the camera</p>  <p>Photo booth</p> <p>The preview screen will play the image taken by the MC208S</p>  <p>USB camera key</p> <p>4. Product Specification</p> <table border="1"> <tr> <td>Specification Model</td> <td>MC208S</td> </tr> <tr> <td colspan="2">Camera, lens Parameter</td> </tr> <tr> <td>Image Sensor</td> <td>1/2.5inch CMOS</td> </tr> <tr> <td>Min Lux</td> <td>0.1Lux(F1.2)</td> </tr> <tr> <td>Effective Pixel</td> <td>8.3 MP</td> </tr> <tr> <td>Zoom</td> <td>Fixed Focus</td> </tr> <tr> <td>Shutter Speed</td> <td>1 to 1/10000s</td> </tr> <tr> <td>Horizontal Field of View</td> <td>90° (W)</td> </tr> </table> <p>5</p>	Specification Model	MC208S	Camera, lens Parameter		Image Sensor	1/2.5inch CMOS	Min Lux	0.1Lux(F1.2)	Effective Pixel	8.3 MP	Zoom	Fixed Focus	Shutter Speed	1 to 1/10000s	Horizontal Field of View	90° (W)	<table border="1"> <tr> <td>Frame Rate</td> <td>3840x2160,1920x1080,1280x720, 640x480</td> </tr> <tr> <td>Focus Mode</td> <td>Synchronization Focus</td> </tr> <tr> <td>Aperture Mode</td> <td>manual</td> </tr> <tr> <td>Backlight Compensation</td> <td>Support</td> </tr> <tr> <td>Wide Dynamic</td> <td>Support</td> </tr> <tr> <td>Picture Adjustment</td> <td>Brightness, Chroma, Saturation, Contrast, Acutance</td> </tr> <tr> <td>IRIS</td> <td>2.6±5% MM</td> </tr> <tr> <td>Distortion</td> <td>< 0.6%</td> </tr> <tr> <td>Max image transfer ratio</td> <td>4K 30fps-3840*2160</td> </tr> <tr> <td>Lens</td> <td>4G2P+IR</td> </tr> <tr> <td colspan="2">Microphone Parameter</td> </tr> <tr> <td>MIC Array Quantity</td> <td>4</td> </tr> <tr> <td>MIC Array Form</td> <td>linear</td> </tr> <tr> <td>MIC Specification</td> <td>digital microphone</td> </tr> <tr> <td>Sampling Rate</td> <td>16KHz/48KHz</td> </tr> <tr> <td>Sensitivity</td> <td>-26dBfs</td> </tr> <tr> <td>Far-field Pick up Voice Distance</td> <td>0-10meters</td> </tr> <tr> <td>Horizontal Voice Pick up Angle</td> <td>Horizontal 180°</td> </tr> <tr> <td>SNR</td> <td>65.5dB</td> </tr> <tr> <td>Communication Mode</td> <td>full duplex</td> </tr> <tr> <td colspan="2">Interface Parameter</td> </tr> <tr> <td>Video Interface</td> <td>USB2.0</td> </tr> <tr> <td>Video Compressed Format</td> <td>MJPG</td> </tr> </table> <p>6</p>	Frame Rate	3840x2160,1920x1080,1280x720, 640x480	Focus Mode	Synchronization Focus	Aperture Mode	manual	Backlight Compensation	Support	Wide Dynamic	Support	Picture Adjustment	Brightness, Chroma, Saturation, Contrast, Acutance	IRIS	2.6±5% MM	Distortion	< 0.6%	Max image transfer ratio	4K 30fps-3840*2160	Lens	4G2P+IR	Microphone Parameter		MIC Array Quantity	4	MIC Array Form	linear	MIC Specification	digital microphone	Sampling Rate	16KHz/48KHz	Sensitivity	-26dBfs	Far-field Pick up Voice Distance	0-10meters	Horizontal Voice Pick up Angle	Horizontal 180°	SNR	65.5dB	Communication Mode	full duplex	Interface Parameter		Video Interface	USB2.0	Video Compressed Format	MJPG
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Built-in 4 digital microphone array and 10Meters voice pickup. 2. Automatically locate vocals. The camera automatically rotates and tracks the voice. 3. 8.3M, 1/2.5" HD color CMOS sensor, 3840*2160HD display. 4. Horizontal -170°to 173°, vertical-30°to 90°camera rotation. 5. Support 3.5mm line speaker out external function. <p>5. Remote Controller Specification</p>  <p>8</p>	<ol style="list-style-type: none"> 1. Power button: Press the power button, the camera enters standby mode 2. Answer/end button: Answer/end call 3. Volume button: Speaker volume down/up 4. Speaker mute button: Turn on/off the speaker mute 5. Microphone mute button: Turn on/off microphone mute 6. Bluetooth button: Turn on/off the microphone Bluetooth. (Only for Bluetooth version, not for MC200S). Bluetooth key + "*" key. Turn on the soundtracking function; Bluetooth key + "#" key. Turn off the soundtracking function; "*" key + number keys to adjust the camera soundtracking sensitivity/time. If you press "*" + the number 5 key first, the duration of the person's speech needs to be greater than five seconds before the camera can turn. The duration of speaking is less than five seconds, the camera will not turn. After successfully connecting to the product, the sound tracking function will be turned on by default. 7. Menu button: Enter or exit the camera menu. 8. Camera PTZ control button: Use the control button to adjust the camera to the position you want. Press the HOME button to return the camera to the middle position. 9. Preset position setting button: Press the PRESET button + number button (1-9) to save the corresponding preset position of the camera. 10. Preset position clear button: Press the RESET button + number button (1-9) to clear the corresponding preset position of the camera. 11. Focus button AUTO: Turn on Auto Focus mode MANUAL: Turn on Manual Focus mode <p>9</p>	<p>FAR: Manual focus button to make distant objects clearer NEAR: manual focus button to make nearby objects clearer 12.Camera zoom button: "*" camera lens zooms in, "-" camera lens zooms out. 13.Number button: cooperate with setting/calling preset position</p> <p>6. Precaution</p> <ul style="list-style-type: none"> • Electrical Safety Confirm country and local electrical safety standards when using or installing the product. The product itself has no power switch. Please stop power supply or plug out power socket when it is not in good working. Video wire and control wire should be insulated and individual connected, can't mix-up with other wires. • Transportation with Care Product should be protected against extremes of stress, vibration and moisture in transport, storage and installation. It is transported by integrated packing style. • Power Supply Product supplies 12V DC power. • Installation with Care Don't turn the camera head manually. Doing so may result in mechanical damage. The product should be put on a stable horizontal table and does not be installed at a tilt, or else, which may cause a tilted image. Don't focus the camera directly on the sun or other bright <p>9</p>	<p>objects no matter when in use or not. Otherwise, it may affect image quality. Don't apply corrosive liquid, gas or solid, to avoid damaging the cover which is made up of plastic material. Make sure there is no obstacle with the camera's rotational range when installing. Never power on before installation has been completed.</p> <ul style="list-style-type: none"> • Prohibited Unauthorized Disassemble There is no part for users to disassemble voluntarily. The Company is not responsible for any unauthorized modification or dismantling. Before the installation of the company's products, please read the product manual carefully. <p>7. FAQ Processed</p> <p>Image aspect</p> <ul style="list-style-type: none"> • No image displayed 1) To check whether the camera power is connected, the voltage is normal, and the power indicator is always on. 2) Plug in the power again, to check whether the camera can selftest normally. . 3) To check whether the USB port and USB cable of the terminal device are connected correctly. • The image breaks frequently To check whether the USB port and USB cable of the terminal device are connected correctly. <p>10</p>	<ul style="list-style-type: none"> • The definition is not good after accessing software To check the software video input settings to see if the camera video input is set to 1920 * 1080. <p>Control aspect</p> <ul style="list-style-type: none"> • Remote controller doesn't work 1) Check and replace the batteries. 2) Check if the camera working mode is correct. • The serial port cannot be controlled 1) Check if the protocol and address of the camera are consistent. 2) Check if the camera USB cable is well connected. <p>8. 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