



# RC10 4K UHD ALL-IN-ONE USB Camera



Optional extended microphone



**Applicable scene**  
It is specially designed for small and medium-sized meeting rooms, for the Huddle Room with 4 to 6 person, to help enterprises re-tap the potential of using the small and micro meeting space inside.

**Product value**  
It is convenient for small and medium-sized enterprises to conduct daily business negotiation and team cooperation in different places flexibly, so as to create a relaxed, free and smooth conversation environment, make decisions quickly and improve efficiency.

**All-in-one design**  
The three-in-one design of 4K ultra HD camera, beamforming microphone and full-frequency loudspeaker reduces wiring and makes video communication easy.

**4K UHD**  
Using 1/2.5 inch, 8.51M pixel high quality UHD CMOS sensor, 4K (3840x2160) @30fps ultra high resolution clear image, and downward compatible with 1080P, 720P and other resolutions. Can meet the needs of users for different video experiences, and can provide clearer, real, smooth and accurate communication.

**Rich interfaces**  
Support USB 3.0 audio video output simultaneously.

**Easy installation**  
Flexible installation options such as counter tops, walls, and TV/display screens are available for quick installation and deployment in a crowded meeting room.

**Wide FoV**  
121° wide field of view (110° horizontal field of view), 5x digital zoom lens customized for the conference scene, built-in electric head (horizontal and pitch ±15° motion range), participants can easily enter the scene clearly.

**Beamforming microphone**  
Beam Forming (BF) microphone is built in, with a pickup distance of 6 meters. Low-distortion transverse beamforming algorithm can direct the microphone directly to the speaker, with better sound, clearer communication, fuller and more authentic.

**Audio 3A algorithm**  
Built-in audio 3A algorithm (Automatic Gain Control, Noise Reduction, and Echo Cancellation), full duplex dialogue, can meet the communication needs of different room structures, whether sitting at a conference table, sitting against the wall or standing, can have comfortable experience for calling.

**Full frequency speaker**  
Full frequency Hi-Fi loudspeaker, professional acoustics design, reduce noise interference, provide outstanding sound effect.

**Plug and play type**  
Through plug and play USB interface connect with the computer or business display screen, very easy to use. Less wiring, convenient video communication, reduce the user's learning cost.

**Intelligent analysis**  
Built-in intelligent analysis algorithm, listening to the speaker position, automatic framing of participants, automatic tracking of speakers, switching the speaker screen, to ensure that the speaker is always clearly in the picture.

Camera	
Video System	4K@30fps, 1080P@30fps, 720P@30fps, etc.
Sensor	1/2.5 inch, CMOS, 8.51M pixel
Lens	121° (DFOV) , 110° (HFOV) , 5x digital zoom , pan/tilt ±15°
PTZ	MPT + EPTZ
Digital Noise Reduction	2D&3D digital noise reduction
Video S/N	≥55dB
Backlight Compensation	Support

Audio	
Full frequency speaker	96 dB SPL in the case of 0.5 meter
External MIC	Support (Optional, extra cost)
Microphone array	Omnidirectional microphone, Sensitivity: -30±2dB



Input/Output Interface	
Control mode	1 * HDMI ,Version 1.4b;
USB interface	1 * USB3.0, Type C ; 1 * USB2.0, Type A ;
Wireless	BT 5.0
Power jack	DC 12V, 2A (MAX)



USB features	
Connection type	USB 3.0 ; downward compatible with USB2.0
Video Compression	MJPEG /UYU2
USB audio	32K sampling rate, support UAC1.0
USB video communication protocol	UVC 1.1
UVC PTZ control	Support

Certification	
Certified client application	Skype for Business, Compatible with Cisco (Jabber) Cortana
Adaptable application	LCP/Zoom/BlueJeans, Broadsoft, Starleaf, Pexip, Vidyio) and all UVC application (Google Hangouts, Go to Meeting, etc)

System compatibility	
OS	Windows 7 (only 1080p and below), Windows 8.1, Windows 10 or higher macOS® 10.10 or higher Google Chromebook™ Version 29.0.1547.70 or higher Linux (requires support for UVC) Android
Hardware platform	2.4 GHz Intel® Core 2™ Duo processor or higher; processor memory or higher; USB 2.0 interface; (4K video output need USB 3.0 interface)

General specification	
Remote	2.4G remote controller
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Size	600mm *140mm*115mm (holder included)
Net Weight	2.5 Kg

Others	
Control mode	2.4G remote controller
Installation mode	Support for desktop, wall, TV, and other installation options
Standard cable	USB3.0 (2 meters)
Safety protection	Security lock/jack