



RC10 4K UHD ALL-IN-ONE USB Camera



Optional expansion microphone



Application

It's designed for small and medium-sized conference rooms, especially huddle rooms with 4-6 people, and to help enterprises tap the potential of internal small and mini-sized conference rooms to hold conferences more efficiently and cut lease cost.

Product value

Facilitated small/ medium-sized enterprises to conduct daily business negotiation and teamwork flexibly, creating quick decision makings and efficient working environment.

Integrated 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

1/2.5-inch UHD CMOS sensor with 8.51 megapixels offers 4K (3840x2160)@30fps UHD images, downward compatible with various resolutions such as 1080P and 720P to meet users' needs for different video experiences.

Easy installation

Flexible installation such as desktop, wall-mount, and TV/display mount are available for quick installation, deployment in a crowded conference room.

Bluetooth 5.0

Using Bluetooth 5.0 technology, compared with the previous generation technology, the transmission speed is increased by 2 times, and the transmission distance is increased by 4 times. Better transmit the high-quality audio between mobile phone and tablet devices to achieve the wireless Bluetooth streaming.

Wide FoV

121° wide FOV (110° horizontal FOV), and 5x zoom; optical lenses tailored for video conferences; built-in electric tripod head (horizontal and pitch $\pm 15^\circ$); easier for participants to be videoed.

Beamforming microphone

Built-in beamforming (BF) microphone, pickup distance is 6m; the low-distortion transverse beamforming algorithm guides the microphone to speaker for better sound effect and make communication more clear, full and true.

Audio 3A algorithm

The built-in audio 3A algorithm (Automatic Gain Control, Noise Reduction, and Echo Cancellation) and full-duplex mode meet the communication requirements of various rooms; people who sit at the conference table, sit or stand next to you can talk comfortably and clearly.

Full frequency speaker

Full-frequency high-fidelity speaker with professional acoustic design, reducing sound interference to provide outstanding sound.

Plug and play

Connection to PCs or commercial large screens is realized through plug-and-play USB port; the out-of-the-box mechanism helps reduce wiring and offers easy-to-handle video communication, thereby lowering the user thresholds.

Intelligent analysis

Built-in intelligent analysis algorithm, audible position identification and intelligent linkage EPTZ function, speakers can be automatically tracked and intelligently switches the speaker screen to ensure that the speaker is always clear in the screen.

Rich interfaces

HDMI 1.4b and USB3.0 supported; simultaneous output of UHD audios and videos is available.

Camera	
Video System	HDMI: 4K30P, 1080P30, 720P30 etc
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Lens	121° (DFOV) , 110° (HFOV) , 5x digital zoom, pan/tilt $\pm 15^\circ$
PTZ	Mechanical PTZ (MPT) + e-PTZ (EPTZ)
Digital Noise Reduction	2D&3D digital noise reduction
Video S/N	≥ 55 dB
Backlight Compensation	Support

Audio Features	
Full frequency speaker	96 dB SPL in the case of 0.5 meter
Expansion MIC	Support (Optional)
Microphone array	Beamforming microphone with 6m pickup distance



Certification	
Certified client application	Zoom Rooms

General specification	
Power Supply	DC 12V, 2A (Max.)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Size	600mm*140mm*115mm (with bracket)
Net Weight	2.5kg (5.51 lb)

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



USB features	
Connection type	USB 3.0, downward compatible with USB2.0
Color System / Compression	MJPEG /UYV2
USB Audio	32K sampling rate, support UAC1.0
USB video communication protocol	UVC 1.1
UVC PTZ control	Support

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 2TM Duo processor or higher; 2 GB of memory or higher; USB 2.0 interface; (4K video output need USB 3.0 interface)

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