

ALL-IN-ONE VIDEO BAR

4K USB Video Bar

RC10



4K 30fps



Smart Gallery



121° Wide Angle



Group Framing With AI Technology



Speaker Framing

RC10 is a HD USB audio and video all-in-one machine designed specifically for small and medium-sized meeting rooms. It integrates a HD camera, beamforming microphone, and full-range speaker into one device, effectively reducing installation and wiring while delivering a 4K UHD video conferencing experience. It helps businesses conduct efficient business negotiations and remote team collaborations.



FEATURES

▼ ALL-IN-ONE

Integrates a 4K Ultra HD camera, beamforming microphone and fullrange speaker into a three-in-one design for easy setup of video conferences.

▼ 4K UHD

Utilizes a 1/2.5-inch, 8.51-megapixel UHD CMOS sensor, delivering 4K@30fps UHD resolution images. It is also backward compatible with various resolutions, including 1080p and 720p.

▼ 121° WIDE FOV

With a wide-angle lens of 121° and 5x zoom, combined with $\pm 15^\circ$ horizontal and vertical rotation through the pan-tilt mechanism, it can capture a larger number of participants in a single frame.

▼ AI-POWERED INTELLIGENT CAMERA TECHNOLOGY

Built-in AI algorithms for face and human shape recognition automatically adjust the lens to frame participants as they move. The sound source positioning algorithm locks onto the speaker, focusing on them without manual intervention.

▼ SMART GALLERY

Featuring AI algorithms for heads, faces, and human shapes, it can automatically switch to multi-split screen layouts based on the number of participants, extracting and evenly arranging close-ups of each participant. This allows remote attendees to clearly see everyone, making the communication in meetings more vivid and natural.

▼ CLEAR AUDIO PICKUP UP TO 6M

Built-in low-distortion beamforming algorithm and Audio 3A algorithm, ensure clear and full audio pickup within a range of 6 meters, regardless of distance.

▼ SUPPORTS POE CASCADING FOR AUDIO PICKUP

Supports cascading of up to 2 RM702 array microphones. Power and audio signal transmission to the microphones are achieved through the POE network port (RJ45). This setup ensures even coverage in larger conference room scenarios, delivering equal and consistent audio pickup for every participant.

▼ FULL-RANGE SPEAKER

The device features a full-range speaker that undergoes professional tuning, effectively reducing sound interference and delivering a clear and natural sound.

▼ VARIOUS INSTALLATION OPTIONS

Supports multiple installation methods, including tabletop placement, wall mounting, and TV/display screen mounting. Allow the users to choose installation methods based on their needs.

SPECIFICATIONS

▼ CAMERA

Video Resolution	4K@30fps, 1080P@30fps, 720P@30fps, etc.
Sensor	1/2.5", CMOS, 8.51 Megapixels
Optical Lens	121°(DFOV), 110°(HFOV), 5x digital zoom, Level/pitch $\pm 15^\circ$
PTZ	Mechanical PTZ, Electronic PTZ
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥ 55 dB

▼ AUDIO FEATURE

Full Range Speaker	96 dB SPL at 0.5m
Mic-array	Beamforming mic, Pickup distance 6m
Expand Mic	Support ¹

▼ I/O INTERFACES

HDMI Output	1 x HDMI 1.4b
Network Interface	1 x RJ45: 10M/100M Adaptive Ethernet ¹ , support PSE
Audio Interface	1 x RJ45: D-MIC, Support Microphone Cascading
USB Interface	1 x USB3.0, Type C, 1 x USB2.0, Type A
Wireless	Bluetooth 5.0

▼ USB FEATURES

Operating System	Windows® 7 (only 1080P and below support), Windows 8.1, Windows 10 or higher macOS™ 10.10 Or higher Linux (Support UVC), Android
Hardware Requirements	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB memory or higher USB 2.0
Color System / Compression	MJPEG / YUY2
USB Video Communication Protocol	UVC 1.1

▼ OTHER

Installation Mode	Supports various installation methods such as desktop placement, wall mounting, and TV mounting
Standard Cable	USB 3.0 cable
Safety Protection Measures	Anti-theft lock socket design

▼ GENERAL SPECIFICATION

Power	DC 12V, 2A (Max)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Dimension (W x D x H)	600 x 117 x 135mm
Weight	2.5kg

INTERFACE

- 1 — DC 12V Power Jack
- 2 — USB 3.0 Interface
- 3 — HDMI Interface
- 4 — USB 2.0 Interface
- 5 — RJ45 Interface

