

4K All-in-One USB Video Bar

RC10



4K 30fps



All-in-One

121°
Wide AngleGroup Framing
With
AI TechnologySpeaker
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 DESIGN

The design combines a 4K ultra-high-definition camera, array microphone and full-range speaker in one device, reducing wiring and enabling plug-and-play functionality.

▼ 4K-QUALITY IMAGE

Equipped with a next-generation CMOS sensor with 8.51 Megapixels, it delivers clear and sharp 4K@30fps video conference images.

▼ WIDE VIEWING ANGLE AND PANORAMIC COVERAGE

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

▼ PROFESSIONAL AUDIO OUTPUT

The full-range high-fidelity speaker, with professional acoustic design, provides deep bass, rich mid-range and clear high-frequency sounds, resulting in natural and authentic voice reproduction.

▼ AI-POWERED INTELLIGENT CAMERA TECHNOLOGY

AI technology recognizes the number and position of participants in the meeting room and automatically adjusts the camera angle for the best composition. It also identifies the speaker's voice source and quickly focuses and tracks their movements.

▼ 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.

▼ SMART GALLERY WITH AI TECHNOLOGY

Equipped with the in-house developed algorithms detecting for head, face, and figure. These algorithms adjust the screen layout according to the number of participants, capturing everyone's facial details clearly and making the conference more vivid. The voice-triggered function can seamlessly switch the main screen from the overall meeting view to a close-up of the speaker, ensuring smoother communication.

Remark:

1. This feature is optional.

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 ±15°
PTZ	Mechanical PTZ, Electronic PTZ
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥ 55dB

▼ 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

▼ AUDIO FEATURE

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

▼ INPUT / OUTPUT INTERFACE

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

▼ GENERAL SPECIFICATION

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

