

ALL-IN-ONE VIDEO BAR

4K BYOM 360° Panoramic Camera

RC360



The RC360 is an all-in-one Tabletop camera for huddle rooms, It features four ultra-wide-angle lenses for 360° views, six-array microphones, and full-range speakers. With built-in AI-Powered framing and noise cancellation algorithms, it supports “one-cable connection with USB-C” BYOM mode for effortless and quick setup. This device overcomes the limitations of traditional views by providing close-up images of all participants, significantly enhancing interactivity and the sense of involvement during remote collaborations.



FEATURES

▼ ALL-IN-ONE DESIGN

Designed for huddle rooms, this lightweight product features a quad-camera stitching system, an array microphone, and a speaker. It's plug-and-play—just place it in the center of the table and turn it on.

▼ 360° IMAGING FOR EQUITABLE MEETINGS

With four ultra-wide-angle lenses and a real-time video stitching algorithm, it provides a 360° panoramic view, fostering a smooth and collaborative remote interaction environment that enhances meeting focus and efficiency.

▼ ULTRA-HD VISION

Features four 4K CMOS image sensors with an ultra-high resolution of up to 16K x 2K and supports 4KP30 output for a detailed picture. A manual rotating lens cover is included to safeguard privacy.

▼ SINGLE-CABLE BYOM

Supports the USB-C single-cable BYOM application mode. It enables 4K local screen mirroring via HDMI output. The USB-C interface offers reverse PD charging, reducing cable clutter and eliminating power concerns for laptops. It is compatible with various meeting platforms for flexible and efficient collaboration.

▼ AI-POWERED INTELLIGENT CAMERA TECHNOLOGY

Incorporates advanced AI video algorithms with features like speaker framing, and smart gallery, automatically focusing on the speaker to enhance meeting communication.

▼ DYNAMIC LAYOUT MODES

Provides various screen layouts for different meeting scenarios, allowing users to switch between 360° panoramic stitching, speaker close-up, and multi-person split-screen views, with automatic adaptation to active speakers.

▼ OMNIDIRECTIONAL PICKUP AND SOUND REINFORCEMENT

Features 6 MEMS array microphones with a clear pickup range of 3 meters. The built-in compact full-range speaker, along with a specially designed sound cavity, enables omnidirectional sound amplification to effectively cover the entire area.

▼ ADAPTIVE AUDIO 3A ALGORITHM

Integrates 3A (AEC/AGC/ANS) audio algorithms to eliminate echo, noise, and reverb, ensuring clear full-duplex audio conversations.

SPECIFICATIONS

▼ CAMERA

Video Resolution	4KP30, 1080P30, 720P30
Sensor	4 x 1/2.8-inch CMOS, 4 x 8 MP effective pixels
Lens	4X ultra-wide-angle fixed-focus lenses, HFOV: 120°, Stitched FOV(HFOV): 360°
Zoom	3X HD digital zoom
Privacy Cover	Built-in/manual rotating
Digital Noise Reduction	2D & 3D digital noise reduction
Signal-to-Noise Ratio	≥ 50dB
Backlight Compensation	Supported

▼ MICROPHONE

Type	6 omnidirectional MEMS microphone array with beamforming technology
Pickup Range	Clear pickup distance of 3 meters

▼ SPEAKER

Driver Type	1* 1.5-inch full-range unit with dual-diaphragm sound cavity
Rated Power/Impedance	4W/4Ω (max power 6W)

▼ AI VIDEO FEATURES

Panoramic Stitching	Supported
Speaker Framing	Supported
Smart Gallery	Supported

▼ AUDIO FEATURES

Noise Cancellation (ANC)	Supported
Echo Cancellation (AEC)	Supported
Automatic Gain Control (AGC)	Supported

▼ SYSTEM COMPATIBILITY

OS Requirements Under BYOM Mode	Windows 10 or higher; Mac OS 10.0 or higher
Cloud Conferencing Software Compatibility Under BYOM Mode	Microsoft Teams, Zoom client, Bluejeans, Google Meet, Cisco Webex, etc
Centralized Device Management System	Supported

▼ USB FEATURES

Connection Type	USB 3.0, backward-compatible with USB 2.0
Color Space/Compression	MJPEG / YUY2 / H.264
USB Audio Sampling Rate	48K
USB Audio Communication Protocol	UAC1.0
USB Video Communication Protocol	UVC1.1
UVC PTZ Control	Supported

▼ I/O INTERFACES

USB Type-C	1 x USB 3.0 Type-C, supporting USB audio and video transmission and DP ALT mode, with reverse PD charging (up to 40W)
HDMI Out	1 x HDMI 2.0, with a maximum resolution of 4KP30
Network Port	1 x RJ45 10/100/1000 Base-T, supporting PoE (IEEE802.3at)
Power Interface	1 x USB Type-C Power Interface (65W PD charging)

▼ INSTALLATION

Installation Methods	desktop placement
Anti-theft Lock Jack	Supported

▼ GENERAL SPECIFICATIONS

AC Power	Input: AC 100 - 240V 50/60Hz; Output: PD 20V/3.25A (MAX)
PoE Power Supply	IEEE802.3 at, 48V/0.5A
Operating/Storage Temperature	0°C - 40°C / - 40°C - 60°C
Operating/Storage Humidity	10% - 95%
Dimensions (L x H x D)	128 x 128 x 302mm
Net Weight	1.5kg
Certifications and Standards	CE, FCC, ROHS, Reach, WEEE

INTERFACE

- 1 — POWER
- 2 — USB-C
- 3 — HDMI OUT
- 4 — LAN

