



8K BYOM 360° Panoramic Camera

Every Voice, Seen in 360°.

RC360

Designed for huddle rooms and small meeting spaces, RC360 delivers a complete 360° video and audio experience with a single USB connection. With 360° coverage, AI-enhanced video and audio, and simple BYOM deployment, No matter where someone sits in the room, everyone receives a clear, fair close-up — so remote participants see equal contributors, not just a “head of the table”.



Seamless 360° View with 8K Clarity

Four synchronized lenses work together to deliver panoramic room coverage, Seamlessly combines multiple lenses into a single 360° panoramic view, with the option to switch to a 270° mode when needed —all while maintaining crisp 8K resolution and consistent image clarity.



One-cable BYOM

One USB cable handles content sharing, device connection, and PD charging, creating a cleaner and simpler meeting experience.



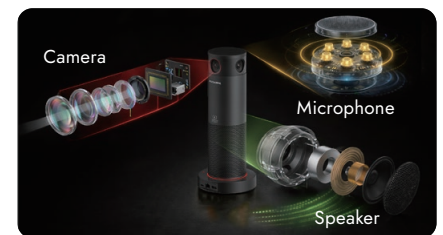
AI Video Fencing

AI automatically detects and excludes people shown on in-room displays, preventing duplicate framing and keeping focus on real participants only.



All-In-One Design

3-in-1 integrated design: quad-lens camera, microphone, and speaker.



360° Smart Gallery, Flexible Multi-View Layouts

Multiple layouts, including 2 × 180° panoramic, 4-way grid + panoramic, 8-way grid layout, speaker + grid layout, and single speaker layout, adapt instantly with one-touch switching.



Grid layout



Grid+Panoramic layout



Speaker+Grid Layout

5.5-Meter Pickup

Built-in 6-MEMS omnidirectional microphone array with up to 5.5 m pickup range and 3 m clear voice capture.



Physical Privacy Protection

Manual rotating lens cover for instant privacy protection.

Intelligent 360° Audio Capture

AI-powered noise suppression, echo cancellation, and dereverberation deliver clear and natural voice communication.

Interface

USB-C, HDMI, PoE, Micro SD, and PD power for seamless connectivity and flexible deployment.



RC360 SPECIFICATIONS >>

CAMERA SPEC

Output Format:

HDMI: 4KP30, 1080P30, 720P30
USB: Up to 4KP30

Image Sensor: 4 x 1/2.8-inch CMOS

Lens: 4 x Ultra-wide fixed-focus

Focal Length/Aperture: f=3mm, F2.2

Zoom: 3X HD digital zoom

Shutter: 1/30s – 1/10000s

Minimum Illumination:
0.5Lux @ (F1.8, AGC ON)

Focus: Auto, Manual

Exposure: Auto, Manual, Shutter Priority, Brightness Priority

White Balance: Auto, Manual, One-push, Specified Color Temperature

Backlight Compensation: Supported

Digital Noise Reduction: 2D & 3D digital noise reduction

Signal-to-Noise Ratio: ≥ 50dB

Field of View:

Panoramic: 360° / 270° (switchable)
Single Lens: 117° (H) / 62° (V)

EPTZ: Supported

Privacy Cover: Built-in Manual Rotating

MICROPHONE

Type: 6-MEMS Omnidirectional Mic Array

Pickup Range: 5.5 m (Effective), 3 m (Clear)

Frequency Response: 50Hz – 20KHz

Sensitivity: -38dBFS

Signal-to-Noise Ratio (SNR): 65dB(A)

AI ENHANCED FEATURES

AI Noise Suppression: Supported

AI Echo Cancellation: Supported

AI Dereverberation: Supported

AI Gain Control: Supported

SPEAKER

Driver Type: 1 x 1.5" Full-Range, Dual-Diaphragm Acoustic Chamber

Rated Power/Impedance:
4W/4Ω (max power 6W)

Frequency Response: 50Hz – 20KHz

Max SPL: 82dBA @ 1m

THD: < 3%

AI FRAMING MODES

Panoramic Stitching: 360° / 270° modes

360° Smart Gallery:

- **Grid layout:**
Supports up to 8 split-screen
- **Grid+Panoramic layout:**
Up to 4 split-screen cells + 1 panoramic view
- **Panoramic layout:** 2x180° layout
- **Speaker+Grid layout:**
1 large speaker view + 4 fixed small views + 1 panoramic view
- **Single Speaker layout:**
Full-screen view showing the active speaker

Video Fence: Supported, AI can detect display screens for automatic masking, or allow custom-defined video ignore zone.

USB FEATURES

Connection Type: USB 3.2 Gen1, 5Gbps, supports DP ALT mode, backward compatible with USB 2.0

Video Pixel Format: YUY2 / NV12

Color Space/Compression:
MJPEG / YUY2 / H.264

USB Video Output: Up to 4KP30

USB Casting Input:
USB-C (3.2 DP) Up To 4KP30;
USB-A (3.0) Up To 1080P30

Audio Encoding Format: PCM

Audio Sample Rate: 48KHz / 16-bit

USB Audio: UAC1.0

USB Video Class (UVC): UVC1.1

UVC EPTZ Control: Supported

I/O INTERFACES

USB Type-C: 1 x USB 3.2 Gen1 Type-C (Up to 40W PD Reverse Power Delivery)

HDMI Out: 1 x HDMI 2.0 (Video + Audio)

LAN: 1 x RJ45 (10/100/1000 Mbps, PoE IEEE 802.3at, remote management)

Storage: 1 x TF (Reserved)

Power Input:

1 x USB-C PD input (65W, optional 100W)

SYSTEM COMPATIBILITY

Supported OS:

Windows 10 and later; MacOS 10.0 and later; Linux (with UVC support)

System Requirements:

2.4 GHz Intel®Core processor or higher;
2GB RAM or more;
USB 2.0 or higher (4K requires USB 3.0)

Cloud Platform Compatibility (BYOM):

Microsoft Teams / ZoomGoogle Meet / Cisco Webex / VooV Meeting / DingTalk Meeting / Lark Meeting

INSTALLATION

Installation Methods: Tabletop

Security: Kensington lock slot

GENERIC SPEC

Power Supply (PD):

Input: AC 100–240V, 50/60Hz;
Output: PD 20V/3.25A (Max)

PoE Power Supply:

IEEE802.3 at, 48V/0.5A

Power Consumption (Avg/Max) :

16W / 24W

Dimension (L x H x D): 128 x 128 x 302mm

Net Weight: 1.3 kg

Certifications: CQC

