ROCWARE®

360° Smart
Panorama Camera

RC360Pro

360° Panoramic View   **AI-assisted Features**   **PoE**   **Detachable Speaker**   **All-in-One**

The RC360 PRO is designed for small to medium conference rooms. It features a 360° video capture system comprising four ultra-wide-angle lenses for meeting scenarios. It integrates an omnidirectional microphone and a full-range speaker system for a simplified and convenient conferencing process. Equipped with multiple AI audio-visual algorithms, it delivers an immersive visual experience.

Seamless 360° Panoramic View

Panoramic View

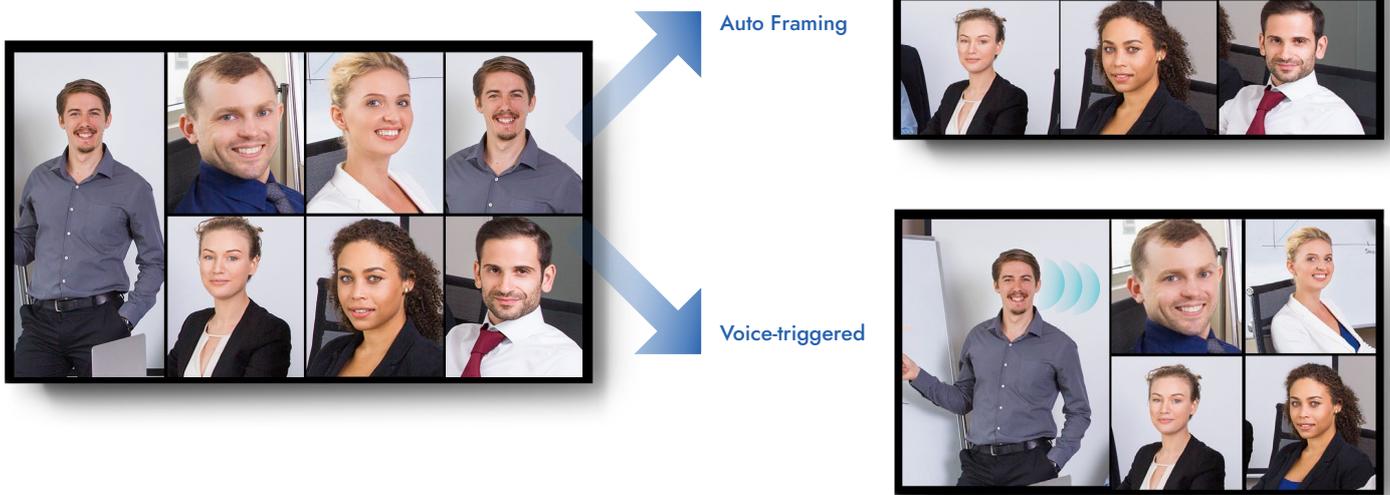2*180° Split Screen

Smart Gallery View

Speaker Layout

The camera utilizes four sets of wide-angle lenses to create a 360° video system. It can switch between a 360° panoramic view, a 2*180° split screen, a speaker layout, a smart gallery, and more. This enables it to display panoramic views, equally divided individual close-ups, and speaker close-ups, improving the efficiency of the meeting.
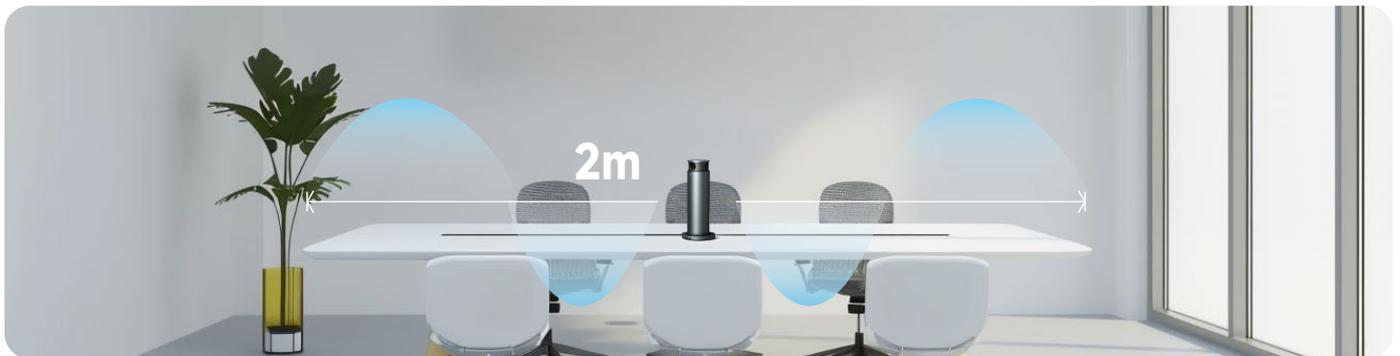
4K UHD

The system is equipped with four cameras, each featuring a 1/2.8-inch high-quality UHD CMOS sensor with 8.29 million pixels. It supports 4K UHD (3840x2160)@30fps images and uses video stitching algorithms to achieve a 16K*2K panoramic video display, ensuring clear and delicate images.

AI-Assisted Features

Auto Framing

Voice-triggered

The function uses AI algorithms to automatically switch to multi-split screen layouts based on the number of participants, arranging close-ups of each participant. It also includes voice activation to switch between a panoramic view and a close-up of the speaker, providing an efficient communication experience.

PoE

2m

The camera supports PoE for connecting two devices and provides better video and audio quality. It also features 7 beamforming microphones to achieve 2m clear audio pickup.

RC360 Pro SPECIFICATIONS

▼ CAMERA

Video Resolution	4K@30fps, 1080P@30fps, 720P@30fps, etc.
Sensor	Four 1/2.8 inch CMOS Sensors, Effective Pixels Per Lens: 8.29 Million
Optical Lens	Four sets of 135° (HFOV) fixed-focus lenses
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Signal-to-Noise Ratio	≥ 55dB
BLC	Support

▼ INPUT AND OUTPUT INTERFACE

USB 3.0	1 × USB 3.0, type-C, Support audio/video transmission and firmware upgrade
Network Port	1 × RJ45, connect to network expansion microphone or cascade RC360 Pro, support PSE power supply
	1 × RJ45, 10/100/1000M adaptive Ethernet port, supports network transmission of audio and video, supports POE power supply
Power Interface	DC 12V

▼ AUDIO

Microphone Array	A 7-unit beamforming digital microphone array, 2m pickup distance
Extended MIC	Supports the expansion of digital array microphones through a PoE

▼ OTHER

Installation	Support desktop placement
Standard Cables	USB cable
Security	Anti-theft lock socket

▼ USB FEATURES

Connection Type	USB 3.0, backward compatible with USB2.0
Color Space/Compression	MJPEG / YUY2
USB Audio	48K sampling rate, support UAC1.0
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support

▼ GENERAL SPECIFICATIONS

Power Supply	DC 12V, 2A (MAX)
Operating Temperature	0℃ ~ 40℃
Stored Temperature	-40℃ ~ 60℃
Dimensions	Body dimensions: 281.5mm(H) x 83.8mm(Φ) Base dimensions: 33.5mm(H) x 180mm(Φ)
Net Weight	1.5Kg

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17 YEARS

Independent Research and Development

Localized Audio and Video Technology

For 17 years since its establishment, Rocware has adhered to independent research, development and innovation, continuously invested in improvement, and fully mastered the core algorithm technology in the field of audio and video. The entire product line is independently controllable, safe, reliable, and highly competitive.

Own Factory

Complete Self-owned Supply Chain

Rocware has its own factory, it can independently complete part of the mold design and manufacturing, CNC processing, plastic injection molding and other basic material production. It also has an internationally advanced high-speed double-sided PCB SMT line, precision equipment assembly and testing line, to ensure product quality and stable supply.

800-416-1895

Well-developed After-sales Support System

Rocware has set up five major marketing centers around the world, with more than 30 after-sales service outlets. It provides 7*12 hour customer service telephone support, as well as various online and offline technical support and after-sales services to comprehensively ensure the user experience.