

ROCWARE[®]
Valuable & Professional

Huddle Room Solution



The solution (built on a Windows conferencing mainframe) is designed for meeting rooms of up to 30 m². It comprises a three-in-one (camera, microphone, speaker) UHD USB audio and video all-in-one unit, along with a conference host and room controller. With high integration, it requires minimal space and simple wiring, ensuring an efficient remote communication and collaboration experience.

Intelligent Conference

4K Images



The camera features a 1/2.5" 4K UHD CMOS sensor with 8.51 million effective pixels. It also includes a 121° ultra-wide-angle lens with $\pm 15^\circ$ PTZ, ensuring a wider shooting range and clear images of the entire conference room.

AI-Assisted Functions



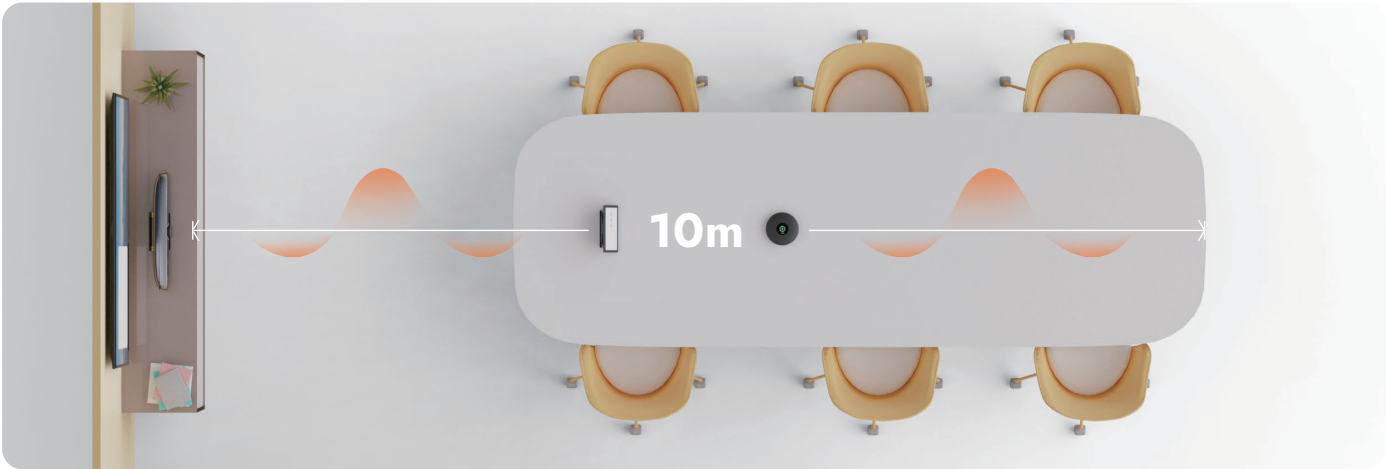
The camera includes built-in recognition algorithms to identify the number of participants and track their movements. It automatically adjusts the lens angle for optimal framing and arranges close-ups of each participant equally on the screen to facilitate realistic collaboration and communication.

Speaker Tracking



The camera features a built-in sound source positioning algorithm to locate the speaker precisely. When someone speaks, the camera automatically focuses on them, presenting a close-up view at the center of the screen. If there's no speech for a few seconds, it returns to the panoramic view without manual intervention.

Internal-External Audio Collaboration



The camera has a built-in array of four microphone groups with beamforming and audio 3A algorithms, allowing 6m pickup distance. It supports PoE cascading with 1-2 omnidirectional microphones RM702, extending the pickup range to 10m, suitable for medium to small meeting rooms.

High Compatibility



Compatible with video conferencing platforms like Webex, Google Meet, Microsoft Teams, and Zoom, no driver installation needed. With the pre-installed meeting Rooms client control app, easily manage all meeting operations with just one click.

Simple Setup

- HDMI Cable ———
- USB Cable ———
- Audio Cable ———
- Network Cable ———



Conference Room Deployment

Kit Components and Optional Accessories



RC10 4K UHD All-in-One USB Camera

All-in-One
4K@30fps Resolution
AI Algorithms



RT10 Rooms Controller

10.1" IPS Touch Screen
Pre-installed Room Controller
Support PoE Power Supply



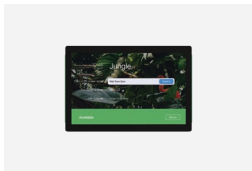
RP1S/RP13 Video Conferencing PC

Compact Size
Multiple Displays
Pre-installed Conference Rooms



RM702 (Optional) Cascading Omnidirectional Digital Array Microphone

360° Omnidirectional Pickup
Single Unit 3m Pickup
Maximum Support 3 PoE Cascade



RT10 Scheduling Panel

10.1" IPS Touch Screen
Meeting Schedule Reminder
Meeting Status Query



5/10m USB Cable

High-fidelity Transmission
Durable PVC Material
Stable and Interference Resistant
Transmission



Wall Mounting Bracket

One-piece Design for Stability
Sturdy and Durable
Enhanced Load-bearing Capacity



TV Mounting Bracket

One-piece Design for Stability
Sturdy and Durable
Enhanced Load-bearing
Capacity

Technical Specifications

RC10 4K All-in-One USB Video Bar

- Video Resolution 4K@30fps, 1080@30fps, etc.
- Sensor: 1/2.5 inch, CMOS, effective pixels: 8.51 million
- Optical Lens: 121° (DFOV), 110° (HFOV), 5x zoom, horizontal/vertical ±15
- PTZ: Mechanical PTZ (MPT) + Electronic PTZ (EPT)
- Digital Noise Reduction: 2D&3D digital noise reduction
- Full-range Speaker: 96 dB SPL at 0.5 meters
- USB Interface: 1 x USB3.0, Type C
1 x USB2.0, Type A
- Network Interface: 1 x RJ45, 10M/100M adaptive Ethernet
- Wireless: Bluetooth data communication (Bluetooth 5.0)
- Installation Method: Support desktop placement, wall mounting and other

RT10 Rooms Controller

- Android 9.0
- 10.1-inch IPS touch screen
- 4G RAM + 16GB ROM
- Resolution: 1920 x 1200
- VFOV: 170°
- USB Port: 1 x USB2.0 Type-A
- Network Port: 1 x RJ45: 10/100 Base-T
1 x WiFi

RP1S/RP3 Video Conferencing PC

- CPU: 11th Generation Intel® Core™ i5-11300H (RP1S)
Eight-core 64-bit domestic flagship SoC processor (RP3)
- Operating System: Windows 10 (RP1S)
Android 12.0 (RP3)
- Video Output: 2 Channels (RP3)
3 Channels (RP1S)
- Conference Software (optional): Tencent Conference Rooms, Lark Rooms, Zoom Rooms

ROCWARE®



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.

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