

ROCWARE[®]
Valuable & Professional

Large Meeting Room Solution



The solution is designed for large conference rooms of 60m²-120m². It includes 4K conferencing cameras, cascading digital array microphones, a conference host, conference speakers, and a room controller. The solution delivers UHD video and supports up to 6 PoE cascade microphones, suitable for different conference room setups. With high-power speakers, it provides a more professional and immersive audio-visual experience.

Intelligent Conference

4K UHD



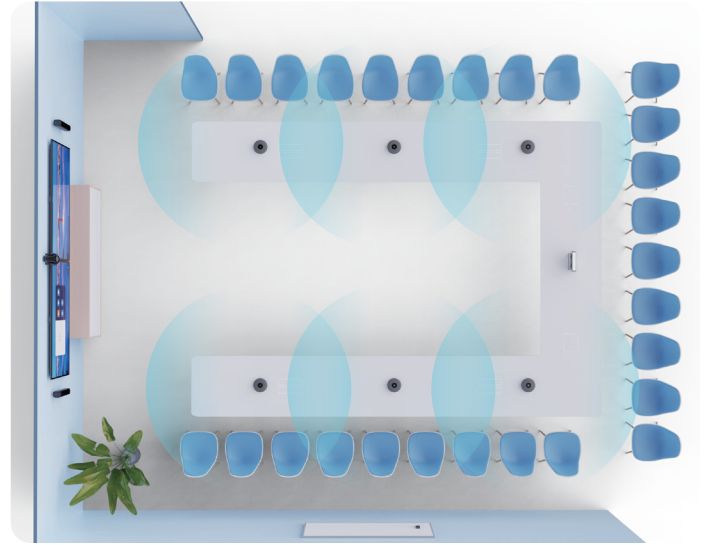
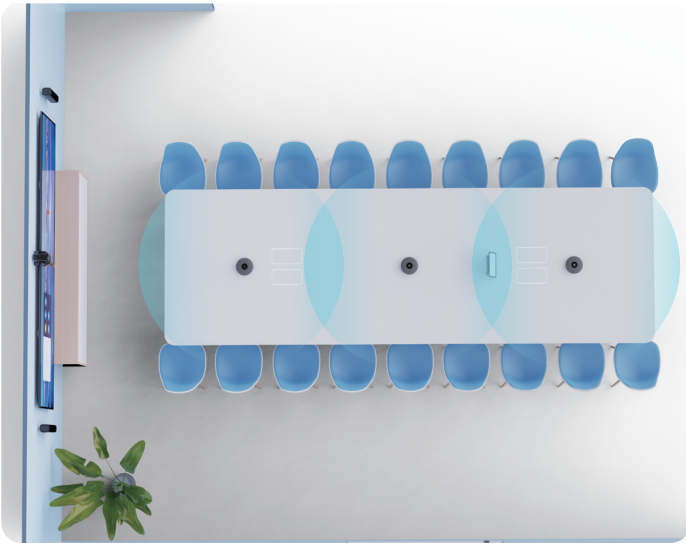
The camera uses Sony's new UHD CMOS sensors for 4K ultra-high resolution video. It has an 80.8° wide-angle lens and a 12x optical zoom lens to clearly capture meeting details.

AI-Assisted Functions



With built-in facial and humanoid recognition, as well as auto-framing algorithms, the camera identifies changes in participants' number and position and adjusts its angle to capture the best view. It also features ReID technology, allowing the camera to automatically track and keep the speaker in the center when they move.

Cascade Microphones



The solution features a 360° omnidirectional digital microphone with beamforming and audio 3A algorithms, providing a single pickup distance of 3m. It supports up to 6 microphones in a PoE cable cascade, covering up to 150 square meters, making it adaptable to various conference rooms.

High-fidelity Balanced Amplification



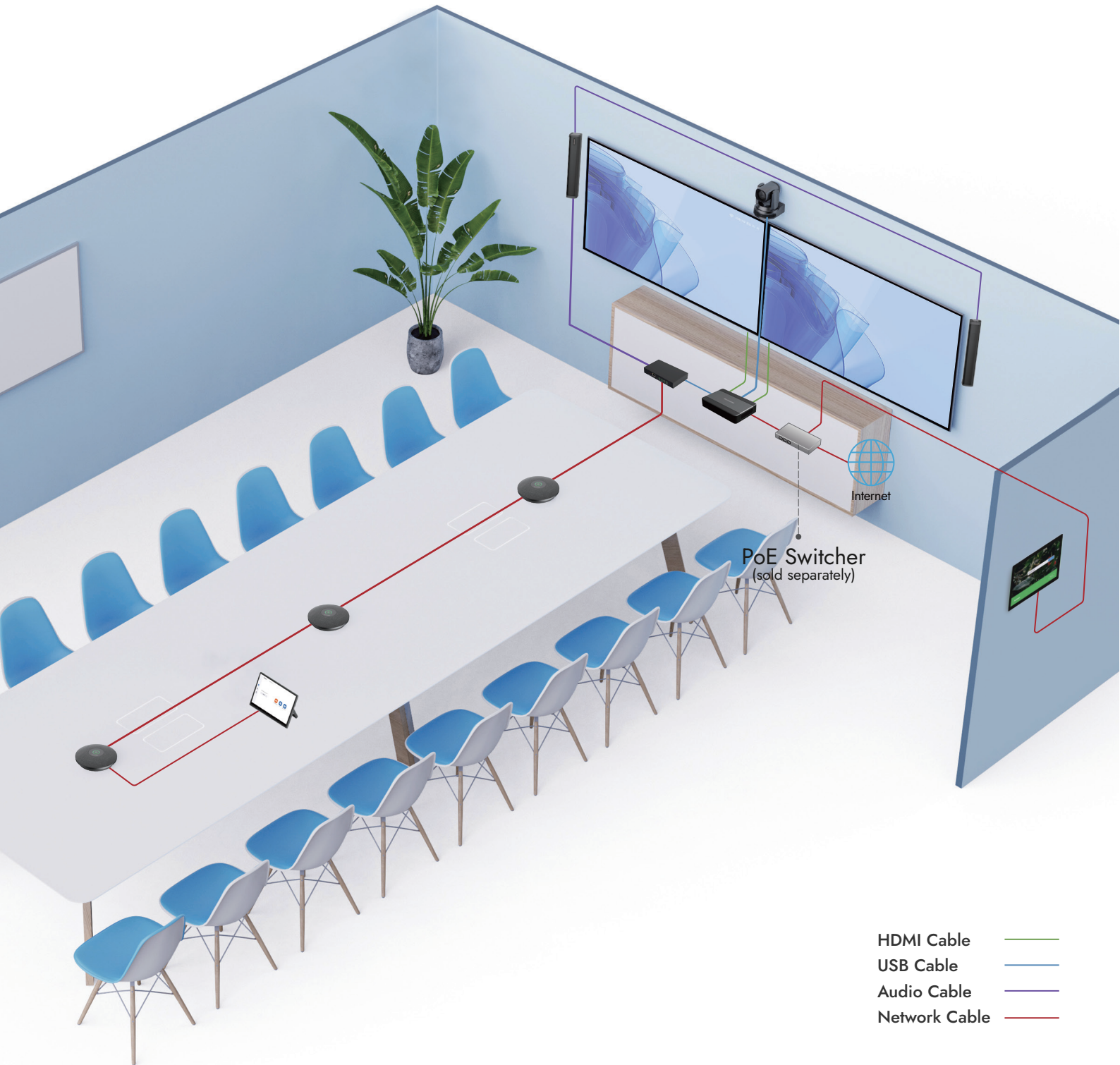
The solution includes two built-in high-power stereo speakers, ensuring clear sound reaches every corner of the conference room. Additional audio amplifiers can be added to accommodate larger venues.

High Compatibility



Compatible with mainstream conferencing platforms such as Webex, Google Meet, Microsoft Teams, and Zoom, etc, plug and play. With the room controller pre-installed with the Rooms client control APP, you can complete various conference operations with one click.

Simple Setup



Conference Room Deployment

Kit Components and Optional Accessories



RC841U

4K Video Conferencing
PTZ Camera

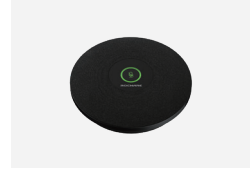
4K@30fps
80.8° Horizontal Field of View
12x Optical Zoom + 16x Digital Zoom



RT10

Rooms Controller

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



RM702 (Optional)

Cascading Omnidirectional
Digital Array Microphone

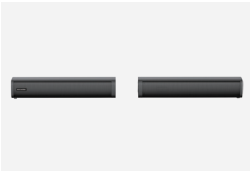
360° Omnidirectional Pickup
Single Unit 3m Pickup
Maximum Support 3 PoE Cascade



RP1S/RP13

Video Conferencing PC

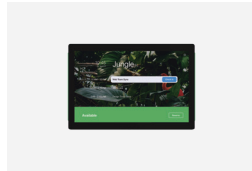
Compact Size
Multiple Displays
Pre-installed Rooms



S22

Hi-Fi Speaker

5.1 Channel Mode
Dual Speaker Design
Professional Tuning



RT13

Scheduling Panel

10.1" IPS Touch Screen
Meeting Schedule Reminder
Meeting Status Query



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

RC841U

4K Video Conferencing PTZ Camera

- Sensor: 1/2.5 inch, CMOS, effective pixels: 8.51 million
- Optical Zoom: 12x
- Digital Zoom: 16x
- Digital Noise Reduction: 2D & 3D digital noise reduction
- Horizontal Field of View: 80.8° ~ 7.5°
- Vertical Field of View: 49.9° ~ 4.3°

RP1S/RP13

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

RM702

Cascading Omnidirectional
Digital Array Microphone

- Microphone Type: omnidirectional microphone
- Microphone Array: six high SNR microphone ring array
- Pickup Range: 360° omnidirectional pickup
- Pickup Distance: 3m
- Maximum Number of Cascades: 6 units
- Cascade Method: POE network cable
- Installation Method: desktop flat, ceiling mounted

RT13

Schedule Panel

- 10.1-inch IPS touch screen
- Resolution: 1920 x 1200
- Real-time display of conference status
- Support PoE power supply and management
- USB Port: 1 x USB2.0 Type-C
- Network Port: 1 x RJ45: 10/100 Base-T 1 x WiFi

RT10

Rooms Controller

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

S22

Hi-Fi Speaker

- Speaker Power: 10W+15W
- Speaker Impedance: 4Ω
- SNR: ≥65dB
- Audio Input: 1 channel, Line In, 3.5mm audio interface
- Input Voltage: DC 18V
- Input Current: 2A

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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