

ROCWARE[®]

Mid-size Meeting Room Solution

Valuable & Professional



This video conferencing solution is designed for medium and large conference room scenarios. It consists of a high-definition video conferencing camera, an intelligent conference microphone speaker, and a conference room controller. It incorporates Rocware's self-developed AI audio and video algorithm technology to provide a more efficient and intelligent collaboration experience.

Immersive Audiovisual Experience

HD Images



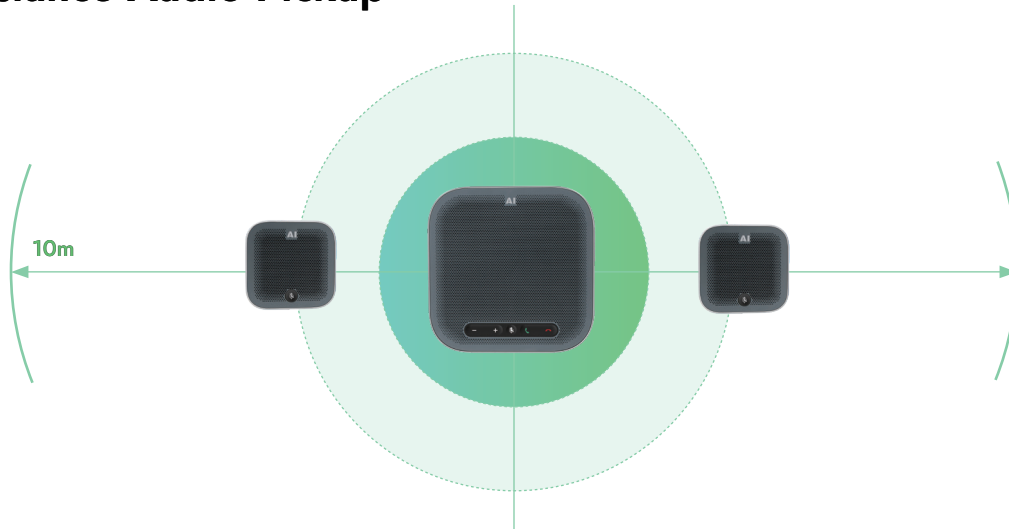
The camera has an HD CMOS high-quality sensor to achieve 1920x1080 image quality and an output frame rate of up to 60fps at 1080P. It is equipped with a 72.5° FoV and 12x optical zoom lens, and with a wide-range PTZ, it clearly captures the entire conference room.

AI-Assisted Function



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.

Long Distance Audio Pickup



The solution uses a two-in-one smart microphone speaker. The main microphone has 4 high-SNR digital microphone arrays to achieve 360° omnidirectional pickup. It can be expanded with 2 satellite microphones, allowing for 10m pickup distance. It also supports an automatic gain algorithm that identifies speakers at any location.

AI Noise Reduction



Equipped with AI noise reduction, echo cancellation, and reverberation suppression algorithms, it can effectively suppress venue noises, eliminate echoes, background noise, and voice reverberation, output high-quality sound quality, and make the human voice more natural.

High Compatibility



The solution is compatible with popular video conferencing platforms like Zoom, Microsoft Teams, Webex, and Google Meet. No driver installation is needed. Using a terminal controller with a pre-installed client control app, you can easily perform various conference operations with just one click.

Immersive Audiovisual Experience

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



Conference Room Deployment

*No need to connect this line in wireless mode

Kit Components and Optional Accessories



RC821U HD Video Conferencing Camera

1080P@60fps
72.5° FoV
12x Optical Zoom + 16x Digital Zoom



A10 AI Conference Microphone with Speaker

Pickup + Speaker All In One
AI Audio Processing Algorithm
Standard USB Interface



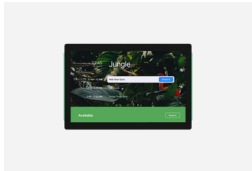
RT10 Rooms Controller

10.1" IPS Touch Screen
Pre-installed Room Controller
PoE



RP1S Video Conferencing PC

Compact Size
Multi-screen Display
Pre-installed Rooms



RT13 Schedule 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

RC821U HD Video Conferencing Camera

- Signal System: 1080P60,1080P50,1080P30,etc.
- Sensor: 1/2.8 inch,CMOS,2.07 million effective pixels
- Optical Zoom: 12x
- Digital Noise Reduction: 2D&3D digital noise reduction
- Horizontal FoV: 72.5°~6.9°
- Vertical FoV: 44.8°~3.9°
- Supported Operating Systems: Windows 10, Linux, Android, etc.

A10 AI Conference Microphone with Speaker

- Microphone Type: high signal-to-noise ratio digital silicon microphone
- Microphone Array: built-in 4 MEMS microphones
- Microphone Range: 360° omnidirectional sound pickup
- Pickup Distance: 6m without extension microphones
- Speaker Type: high and low frequency speaker combination high-fidelity acoustic design

RT10 Rooms Controller

- Android 9.0
- 10.1-inch IPS touch screen
- 4G RAN + 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

RP1S Video Conferencing PC

- CPU: Intel® Core™ i5-11300H Processor
- Operating System: Windows 10
- Video Output: 3-way
- Conference Software (optional): Tencent Conference Rooms , Lark Rooms, Zoom Rooms

RT13 Schedule Panel

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

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.



support@rocware.com

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 support, as well as various online and offline technical support and after-sales services to comprehensively ensure the user experience.

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