



Multi Conferencing Unit

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AdonisAV Multi Conferencing Unit support WebRTC, H.323 and SIP communication protocol, support H.263, H.264, H.264HP, H.261, VP8 enabling industry's highest level meeting experience.

System Architecture

Multipoint conference function, protocol gateway function, GK calls control and effective network resource management.

Protocols

Ability to connect the H.323 and SIP and WebRTC video protocol.

Conferencing possibility from Large Halls, Desktop PCs, smart mobile phones, PAD and other terminals.

Conference Management and Scheduling

Depending upon free resources of meeting room, conference room layout, the number of meeting staff to make an appointment and scheduling. Video terminal and MCU timed automatic video conference.

Highlights and Features

- Browser WebRTC Client Dial in
- H.323/SIP dial in, or dial out from Web server
- Standalone or using Gatekeeper
- Up to 25 Continuous Presence
- Automatic Layout Selection
- Voice Activated speaker selection
- Floor assignment through web page
- Text identification of sites
- Lecture Mode
- Full HD Business to Business Communication.
- Performance in a sleek, design, featuring Rack Server.
- Investment Protection-High-scale, future-proof platform
- Up to 200 Ports Full HD MCU
- Redundant Power Supply
- Easy, secure access from anywhere – Multitier Web-based management.
- Full High Definition Audio, Video, and Content Sharing.

Specifications

Protocols

Communications:H.323 ,SIP, WebRTC, H.239/BFCP, H.235/TLS/SRTP

Video coding protocols:H.264,H.264HP,H.263, H.261, VP8

Audio encoding protocols:G.711,G.722.1C,G.728, G.722.1C, OPUS

Video resolutions: 4CIF,VGA,720P,1080P

Frames per Second: up to 30FPS

Dual Video

Support H.239, Dual Video, BFCP.

Using H.239, support H.264 video encoding format.

Maximum support up to dual 1080P@30 fps.

Embedded Registration Mechanism

Embedded GK.

Maximum support at the same time register 200 points.

Multi Split Screen Function

Maximum support 25 split screen.

Dynamic split screen mode.

Support CIF, 4CIF, 720p, 1080p and other resolution of the multi screen mode.

Multi screen mode in each sub screen display content can be manually, automatically and in turn three ways to select.

Conference Subtitles

Support static and dynamic text subtitles, you can adjust the color, background, transparency, speed.

Appointments and Notice

Temporary meeting and appointment meeting.

Provide conference template. Make an appointment through the meeting template.

Ability to customize email templates.

Meeting Capability

Support up to 200 points 1080P High Definition Conference.

Support video conference terminal and audio conference terminal to join the same conference.

Support for different rates of terminal access to the same conference.

Support for different audio and video protocols of terminal to join the same conference.

Maximum support the 500 points audio terminal access.

Support conference call bandwidth 64Kbps to 4Mbps.

Support terminal encryption initiation mode.

Device Management

WEB control.

Conference management software control.

FECC

Specify the venue to be controlled to achieve the remote control function.

With the use of multi split screen, so that the process of more natural and convenient.

Can control H.323 endpoints with SIP and Vice versa.

Conference Mode

Support meetings with different protocols, different resolutions and different rates.

Support Lecture Mode, Broadcasting Mode, Conference Mode.

All or the designated venue mute function.

Support for automatic reconnect.

Voice Conference Access

Support voice terminal to join the conference.

Support SIP phone to join the conference.

Conference Management Software(Optional Module)

Meeting room and conference time reservation.

Participants telephone.

Recording

Automatic and Manual recording at the server.

Other Functions

Support system log function, CDR reports, Port use history, Resource usage, record system operation information, active meetings, users, minutes used, no of meeting held etc.

Support Diffserv, TOS and IP priority QoS functions.

Media Stream Stats.

MCU Cluster Service(Optional Module)

It can support 300+ HD1080P calls in one conference or different conferences.

Redundancy support, Load Balance.

Failover recovery, Auto Cascade.

Unified Communication Features

Screen sharing

Document Sharing

Whiteboard.

Private/Public Chatting.