



InstaVC Pro MCU

Seamless Scalability for multi-party Collaboration with **InstaVC Pro MCU**

InstaVC Pro MCU

InstaVC Pro Multi Control Unit support th WebRTC,H.323 and SIP communication protocol, support H.263, H.264, H.264HP, H.261, VP8 and a variety of video compression algorithm, with strong throughout the fully complete solution capabilities, excellent functions of conference management, to the user provides the industry's highest level meeting experience.

Design description

InstaVC Pro MCU Provide multipoint conference function, protocol gateway function, GK call control and effective network resource management.

Connection ability

InstaVC Pro MCU has the ability to connect the H.323 and SIP and WebRTC video protocol, can be connected to the conference room, desktop PC, smart mobilephone, PAD and other terminals.

Fully complete solution ability

InstaVC Pro MCU has the ability to fully complete solution.

Conference management function

Conference room reservation: according to the free resources of meeting room, conference room layout, the number of meeting staff to make an appointment and scheduling.

Equipment booking: video terminal and MCU timed automatic video conference.

Product Features

- Browser WebRTC Client Dial in (Chrome, Firefox, Safari and Opera)
- H.323/SIP dial in, or dial out from Web server
- Standalone or using Gatekeeper
- Advanced Continuous Presence
- Automatic selection of best layout
- Video layout selection using remote control or web pages
- Over 10+ custom layouts
- Active speaker selection using remote control or voice activated
- 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 50 Ports Full HD MCU
- Power redundancy
- Easy, secure access from anywhere – Multitier Web-based management
- Anytime, on demand conferencing – Always-on virtual meeting rooms
- PeopleLink InstaVC Pro series- Full High Definition video, audio, and content sharing.

Product 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
- FPs:1080P 60FPS

Dual Video

- Support H.239,Dual Video,BFCP.
- Using H.239, support H.264 video encoding format.
- Maximum support dual 1080P60 video.

Embedded registration mechanism

- Embedded GK.
- Maximum support at the same time register 200 points.

Multi split screen function

- Maximum support 25 split screen, also supports 1,2, 3, 4+1, 5 + 1,7+1,9, 12+1,16, 20, 25 split screen.
- Can switch a variety of 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 inturn three ways to select.

Conference subtitles

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

Product Specifications

Appointments and notice

- Supports two kinds of definitions of temporary meeting and appointment meeting.
- Provide conference template, you can make an appointment through the meeting template.

Meeting capability :

- Support the 10/16/20/24/30/50 points 1080P HD 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 50 points audio terminal access.
- Support conference call bandwidth 64Kbps to 8Mbps.
- Support terminal encryption initiation mode.

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 Viceversa.

Device management :

- WEB control.
- Conference management software control.

Conference mode :

- Support meetings with different protocols, different resolutions and different rates.
- Support Lecture Mode, Broadcasting Mode, Conference Mode.
- Inturn mode, main venue can browse the various sub fields in real time.
- 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)

- Meeting room and conference time reservation.
- Participants telephone,

Recording :

- Automatic and Manual recording at the server end.

Other functions :

- Support system log function, CDR reports, Port use history, Resource usage, record system operation information.
- Support Diffserv, TOS and IP priority QoS functions
- Media Stream Stats

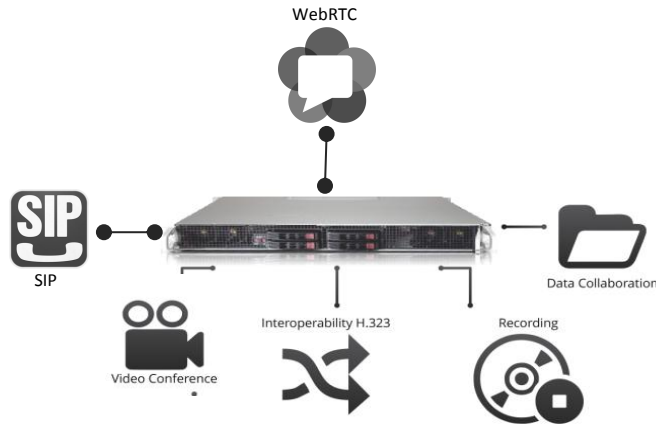
MCU cluster service: (Optional)

- It can support 300+2M HD1080P calls in one conference or different conferences.
- Redundency support,
- Load Balance.
- Failover recovery
- Auto Cascade

Data Collaboration :

- screen sharing
- Whiteboard(webRTC)
- Chatting (WebRTC)

MCU Capability



Ordering Information

Product Name

InstaVC Pro MCU

Part Code

InstaVC Pro MCU (10 Ports)	-	IVC-MPC-MCU-10P
InstaVC Pro MCU (16 Ports)	-	IVC-MPC-MCU-16P
InstaVC Pro MCU (20 Ports)	-	IVC-MPC-MCU-20P
InstaVC Pro MCU (24 Ports)	-	IVC-MPC-MCU-24P
InstaVC Pro MCU (30 Ports)	-	IVC-MPC-MCU-30P
InstaVC Pro MCU (50 Ports)	-	IVC-MPC-MCU-50P
InstaVC Pro MCU (100 Ports)	-	IVC-MPC-MCU-100P

GLOBAL HEADQUARTERS

Q3-A3, 10th Floor, Cyber Towers, Hitech City,
Madhapur, Hyderabad - 500 081 (India)
Phone: +91 (40) 66903959 / 60
Email: vc@peoplelinkvc.com

INTERNATIONAL CONTACT NUMBERS

USA : +1-321-2163070
UK : +44-20-35190197

Africa : +27-10-5001977
Australia: +61-29-0988367

Canada : +1-647-4964195
Middle East : +973-1-6199342

Follow us:  www.peoplelinkvc.com/social-presence

DISCLAIMER: PeopleLink Unified Communications Pvt. Ltd. All rights reserved. All third party trademarks / products mentioned (if any) are the property of their respective owners. Product Images are for illustration purpose only. Actual product may vary due to product enhancements. All specifications are subject to change without notice; system specifics may vary.

PeopleLink Public Document | PeopleLink Unified Communications Pvt. Ltd. | ISO 9001:2015 & ISO/IEC 27001:2013 Certified Company.