Grandstream IPVT10 Enterprise Video Conferencing Server



Product Name: Grandstream IPVT10 Enterprise Video Conferencing Server
Manufacturer: -
Model Number: IPVT10-BASE

Please Note: This product has been discontinued. For an alternative, please see the other Grandstream Products.

Grandstream IPVT10 Enterprise Video Conferencing Server
The Grandstream IPVT10 Enterprise Video Conferencing Server is a powerful on-premise video conferencing server designed for modern enterprise collaborations. The IPVT10 offers a state-of-the-art collaboration platform that provides a superior user experience and rich collaboration features including audio/video conferencing, screen/application sharing, and group/private chats. This enterprise video conferencing server features advanced meeting control tools, flexible customisation options, and supports access from a variety of devices including video conferencing room systems, video phones, PC/ Mac, Android/iOS mobile devices, PSTN trunk lines, and SIP PBXs.
Grandstream IPVT10 Key Features

ï¿½ Supports up to 300 participants
ï¿½ 10 simultaneous conference sessions
ï¿½ Audio, video, charts & reports recording capabilities with 500GB local storage
ï¿½ 1080p 30fps H.264/VP8 for real-time video and screen sharing
ï¿½ Up to 120 video feeds and 300 participants per single conference session
ï¿½ Live broadcast using Facebook/YouTube Live features
ï¿½ Advanced meeting control, flexible scheduling, customizable registration, invitation, follow-ups & reports
ï¿½ Advanced anti-jitter algorithm to sustain smooth audio & video against up to 30% packet loss
ï¿½ Access from PC/Mac, mobile devices, video conferencing systems, video phones, PSTN trunk, or SIP PBX
ï¿½ HTTPS and WSS/DTLSSRTP encryption for WebRTC, TLS/SRTP encryption for SIP

IPVT10 provides a centralised and scalable solution to manage an entire businesses’ conferencing needs. It is ideal for enterprises with multiple locations who require an excellent visual communication experience that integrates remote employees, external customers or anyone off-site in an easy-to-use fashion.
Grandstream IPVT10 Technical Specification
Application Functions

ï¿½ Built-in Video MCU, SIP Registrar Server, NAT Traversal Server, Enterprise Collaboration Server, Contacts Manager, Recording/Storage Server, WebRTC Server

Conference Capacity

ï¿½ Up to 120-way 1080p 30fps H.264 video/audio MCU
ï¿½ Up to 300 participants (aggregate) with 2-way audio and 1-way 1080p 30fps H.264/VP8 video streaming, supports H.323 gateway
ï¿½ Up to 10 meeting rooms simultaneously
ï¿½ Supports up to 50 meetings of two parties, or 10 meetings of three parties

Video Support

ï¿½ H.264 BP/MP/HP, VP8, and HEVC/H.265 with up to 1080p 30fps resolution and 6Mbps bit

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rate per stream

Audio Support

ï¿½ Opus, G.722, G.711a/u, up to 48KHz wide-band audio mixing

Network Jitter Resilience

ï¿½ Advanced anti-jitter algorithms to sustain high quality audio/video against up to 30% packet loss
ï¿½ Smart adaptation to dynamically adjust bandwidth between 64Kbps and 6Mbps based on network condition

Security

ï¿½ Support HTTPS and WSS/DTLS-SRTP encryption for WebRTC, and TLS/SRTP encryption for SIP
ï¿½ Supports static defense settings including Ping Defense, SYN-Flood Defense, Ping-of-Death Defense, and Fail2Ban

Video Display

ï¿½ Support 2x2/3x3/4x4/5x5/6x6/7x7 Tile Video Layout, or 1 Primary + N Secondary (up to 7 secondary) Video Layout
ï¿½ New Features: one meeting can be customized in 3 layouts. WebRTC Host can set different layouts for different participants

Active Speaker Highlight

ï¿½ Automated active speaker detection and highlight

Meeting Management

ï¿½ Support Immediate or Scheduled meetings/Webinars, multiple hosts/panelists, audio/video ON/OFF control
ï¿½ Desktop/application sharing, group or private chat, Q&A, forced attendee Mute/Camera-Off/Exit by host
ï¿½ Customisable content for meeting invitation/registration/reminder/post-meeting reports and follow-up
ï¿½ Customised video screen banner subtitle with customisable display settings

Live Streaming

ï¿½ Support live streaming with Facebook and Youtube, and other live streaming platforms via RTMP push

Supported Devices

ï¿½ Grandstream GVC series video conference systems, GXV series video phones PC/Mac using WebRTC browsers, Android/iOS based mobile devices using Grandstream IPVideoTalk Mobile app
ï¿½ Audio calling from PSTN SIP trunk or SIP based IPPBX, 3rd party SIP based video conference systems and video phones

Meeting Recording

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ï¿½ Support up to 500GB local storage of audio/video/chats recording, meeting reports, etc

Deployment Scalability

ï¿½ Scalable architecture to support multi-server configuration with load-balancing and redundancy for large deployments
ï¿½ Added docking NAS Storage supporting NFS mount feature

Multi-Language

ï¿½ English, German, French, Spanish, Chinese, Japanese, Arabic, etc

Power Supply

ï¿½ Redundant 550W power supplies

Network Interfaces

ï¿½ 2x Gigabit network ports, 1x RJ45 IPMI network port

Auxiliary Interfaces

ï¿½ 3x USB 3.0 ports, 3x USB 2.0 ports, and 1x VGA port

Physical Dimension

ï¿½ 430mm (W) x 650mm (L) x 88mm (H)
ï¿½ 2U rack design suitable for 19-inch cabinet and guide rail

Temperature & Humidity

ï¿½ Operations 0°C to 45°C
ï¿½ Humidity 10%-90% Non-condensing

Compliance

ï¿½ FCC, CE, RCM

Price: £8,691.20