



Huawei MCU VP9620 Series

Full HD multiparty conferencing, performance and flexibility.

Huawei MCU VP9620 series employ the latest technology to create unified HD videoconferencing experience between all major vendor's endpoints. Embedded, web-based management and GK, universal transcoding, ad-hoc conference call, audio and video IVR...all these great technologies are integrated into an easy-to-expand cabinet.



Design Features

- Based on standard and compatible with all major vendor's endpoints
- The latest chipset and media processing DSP
- Maximum 36 HD ports at 1080p or 720p.
- Start from 12 ports and expandable to 36 ports.
- Maximum 256 registered endpoints
- Tiered permission levels
- 19 inch, 5U, rack mountable

Service Features

- Embedded web-based management and GK
- Ad-hoc conference call
- Audio and video IVR
- Full CP for each conference call
- Personal high definition Continuous Presence
- Network bridge
- Conference special service number
- Super error concealment
- Intelligent rate control
- Context sensitive help

Performance Features

- 720p and 1080p
- AAC-LD
- 4Mbps per port
- Universal transcoding
- SXGA (1280 x 1024) content sharing
- VideoIntensifier™
- ViewProcess™

MCU VP9620 Series



Do more with less. Huawei MCU VP9620 series helps you reduce cost and improve productivity.

VP9620 specifications

High Definition Performance

- Up to H.264 1080p 30fps 4Mbps
- Comprehensive HD audio
- Standard H.239 Dual Stream

Video Standards

- H.264 , H.263 , H.263+, H.261

Video Resolution

- People Video Resolution: 1080p , 720p , 4CIF , 2CIF , CIF , QCIF
- Content Video Resolution :
 - SXGA (1280x1024)
 - XGA (1024x768)
 - SVGA (800x600)
 - VGA (640x480)

Video Frame

- 25fps (PAL) , 30fps (NTSC)
- 50fps (PAL) , 60fps (NTSC)

Audio Standards

- AAC-LD/LC, HWA-LD
- G.711, G.722, G.728, G.729A, G.729AB

Protocol

- H.323, SIP, H.235 (AES)
- H.239 (dual video)
- FTP, RTP, HTTP, HTTPS
- RFC2833 DTMF, H.281 FECC

Bandwidth

- IP, 64k-4M

Universal Transcoding

- Combined HD and SD codec within the same conference by the different rates, video resolutions and audio standards.

MCU Feature

- Site Call™: Holding multi-point conference via endpoint
- Ad hoc: Support Ad hoc conference , including via MCU UI , via Dial-In to Meeting Room , via Dial-In to Lobby/Meeting Select , via Dial-In to Lobby/Create Meeting , Blast Dial , Scheduled Via MCU UI
- Schedule conference via WEB
- Administrator and User authorization
- Support Voice Activated Switching
- Support endpoint control via DTMF
- Create or join conference via video/audio IVR
- Personal high definition Continuous Presence
- URI conference call and E-mail notification
- Message overlay
- H.460 network traversal
- Microsoft OCS/Lync interworking
- Soap API for 3rd party conference schedule
- Support video/audio IVR

Embedded WEB Server

- Control MCU and conference via IE browser

Embedded GK

- Registration of MCU , endpoint, Gateway
- Support network address book
- Support pre-define and dynamic registration
- Up to 256 device register

Maintenance

- Support telnet
- Support embedded Web
- Support embedded capture
- Support remote upgrade
- Support resource Statistic
- Support hardware status diagnose
- Support CDR
- Support MCU information export and import

IP QoS

- Adaptability Intelligent rate control (IRC)
- Super error concealment (SEC)
- Auto adaptation enabling
- Priority settings of QoS

Security and Stability Feature

- HTTPS
- AES and H.235
- TLS/SRTP
- Conference password
- Network Interface backup
- Chipset backup

Localization and Customization

- Languages: English, French, German, Spanish, Chinese

Network Interface

- 10/100/1000Base-T , RJ-45

Operating Environment

- Operating temperature: 0 °C - 45 °C
- Relative humidity: 5%-90% Rh
- Air pressure: 70-106KPa

Physical dimensions

- Height: 5U, 19-inch standard chassis
- Weight: <35Kg
- Power: 90-260V AC ±10%, 50/60Hz; 750 W max power
- MTBF: 80000 Hours
- MTTR: 0.5 Hours

Approval and Compliance

- CE
- RoHS
- UL
- WEEE

Model	Capacity
VP9620-12	12x720P 12x1080P
VP9620-24	24x720P 24x1080P
VP9620-36	36x720P 36x1080P