

HUAWEI VP9000 Series

HD Detached Video Conferencing Endpoint



HUAWEI VP9000 series video conferencing endpoint brings you HD video communication and content sharing experience in the best quality of its class. The standards-based design fits videoconferencing rooms of all sizes and preserves the legacy investment.

In today's fast-paced global economy, business is being made between companies and partners distributed around the world, day and night. It is obvious that he who is acting fast upon the market demand will win the game.

HUAWEI VP9000 series brings people together in a best ever virtual meeting experience, immediately and enjoyably. Synergy between people creates value, reduces cost and helps you stay ahead of competition.

With a re-designed and trendy remote control GUI(Graphical User Interface), HUAWEI VP9000 series enables users to operate easily and efficiently, which helps Huawei stay ahead of competition. You will love it.

HD video is nice, but sound effect is more essential during a conference call. By employing AAC-LD, HWA-LD and other standard-based wide band audio technology, HUAWEI VP9000 series can deliver best of the breed sound experience to make people feel being there.

IP technology is evolving, but there are always times that the live video quality is undermined due to QoS issues. With Huawei SEC (super error concealment) and IRC (intelligent rate control) technology, HUAWEI VP9000 series is able to keep producing good video quality even if there are significant packet loss, latency and jitter over the network.

Worrying about security of your videoconference call? HUAWEI VP9000 series adopts standard-based H.235 and AES encryption techniques to ensure that your videoconference call is well protected from malicious hacking and sniffing. The device configuration and setup is locked by admin password to avoid any misplay.

To facilitate system integration, HUAWEI VP9000 series is rack-mountable and equipped with multiple video and audio connections, making it an ideal choice for system integrators.

HUAWEI VP9000 Series Specifications

Video Standards & Protocols	
H.264, H.263, H.263+, H.263++ , H.261	
H.239, BFCP	
VME(Video Motion Enhancement)	
Audio Standards & Protocols	
AAC-LD Stereo, G.722, G.722.1*, G.722.1C*, G.711, G.728, G.729A	
HWA-LD Stereo : HUAWEI Audio broadband Low Delay Stereo	
Acoustic Echo Cancellation (AEC)	
Acoustic Noise Suppression (ANS) 12 dB	
Automatic Gain Control (AGC) ±6 dB	
VoiceClear	
AudioEnhancer	
Other Standards	
H.221, H.225, H.230, H.231, H.233, H.234, H.235, H.241, H.242, H.243, H.245, H.281, H.283, H.350, H.460, T.140	
Network	
Standards and protocols: ITU-T H.323/H.320, IETF SIP	
Network standards: TCP/IP, FTP, FTPS, DHCP, SNMP, Telnet, SSH, HTTP, HTTPS, PPPoE, RTP, RTCP	
Interface: 2-port IP, 10/100 Base-T, RJ45 connectors	
1-port E1 (Optional) (H.320), RJ45 connector	
4-port 4E1 (Optional) (G.703, G.704), RJ45 connectors	
2-USB port to access wireless network (WCDMA, CDMA2000 EV-DO) by HUAWEI dongle	
User Interface	
Languages: Simplified Chinese, Traditional Chinese, English, German, Spanish, French, Norwegian, Italian, Polish, Russian, Portuguese, Hungarian, Finnish, Romanian, Czech, Swedish, Arabic, Turkish, Greek, Thai	
Control mode: Remote control, Telnet, Web, Wireless touch panel (Optional)	
Security	
H.235 signaling and media stream encryption	
AES media stream encryption	
Conference access password	
Conference control password	
Administrator password	
H.323 ID and number binding	
IP address and number binding	
Digital Caption	
Caption banner, body text and information bar	
Rolling display mode of the speech draft	
What-you-see-is-what-you-get (WYSIWYG) caption editing	
64 optional colors	
Modifiable and optional front background color	
Modifiable caption size and transparency	
Caption rolling mode setting	
Site name display and position shift	
Text input by using the remote control	
External character generator	
Powerful caption SMS function enhances the communications among sites and facilitates your use.	

Special Features	
Integration with Microsoft Lync2010™ and OCS2007R2	
Hybrid with IMS Network	
Power-on picture	
Picture-in-picture: 1/16 picture size, optional position	
16:9 and 4:3 mixed display	
Split output: Bi-screen and tri-screen display	
Active caption	
Group function	
SiteCall (HD dual stream)	
Call record	
Network address book	
SNP traversal between the public network and private network	
Intelligent rate control (IRC)	
Super error concealment (SEC)	
LDAP	
API for integration	
Maintenance Management	
Local and remote loopback	
Test signals: providing test sound and standard test stripes	
Volume input indication	
IP network test	
Telnet/SSH: command line mode; providing user-level and administrator-level login accounts	
Support for Huawei service management center	
Local and remote software upgrades	
Embedded web server, GUI interface	
Indication for network package loss	
Event log record	
Default settings restoration	
Approval and Compliance	
CE, RoHS, WEEE, REACH, UL, FCC, CCC	
Electrical	
Working voltage: 100–240V AC	
Working frequency: 50–60Hz	
Power consumption: 100W	
Environmental Specification	
Operating Temperature: 0-40°C	
Operating Humidity: 10-80%	
Non-Operating Temperature: -40°-85° C	
Non-Operating Humidity (Non-condensing): 0-95%	
Peripheral noise: < 46 dBA SPL	
Lowest illuminance: 15 lux	
Recommended illuminance: > 300 lux	
Physical Characteristics	
Codec dimensions (LxWxH): 422mmx225 mmx60.5 mm	
Package dimensions (LxWxH): 485mmx278mmx178mm	
Net weight: 4 kg	
Gross weight: 7kg	

	ViewPoint 9030	VP9035A	VP9036S	ViewPoint 9039S	ViewPoint 9039S-M	VP9039A
Scenarios	small-sized conference rooms	Middle and small-sized conference rooms	Middle and small-sized conference rooms	Large and middle-sized conference rooms	Large and middle-sized conference rooms	Large-sized conference rooms
People Video Resolution	1080p 30fps(Optional)	1080p 30fps(Optional)	1080p 60fps	1080p 30fps	1080p 30fps	1080p 60fps
Live Dual Stream	720p30 and 720p30	720p30 and 720p30	1080p30 and 1080p30	720p30 and 720p30	1080p30 and 1080p30	1080p30 and 1080p30
Embedded MCU	4HD+3A, 8M total bandwidth, Optional	4HD+3A, 8M total bandwidth, Optional	4HD+3A, 8M total bandwidth	-	6HD+3A, 12M total bandwidth	-
Video Inputs	2xDVI-I/YPbPr/VGA	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS 1xHD-SDI	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS 1xHD-SDI	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS 1xHD-SDI
Video Outputs	2xDVI-I/YPbPr/VGA	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS 1xHD-SDI	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS 1xHD-SDI	2xDVI-I/YPbPr/VGA 1xS-Video/CVBS 1xHD-SDI
Audio Inputs	1xXLR 2xRCA 1xRJ45 (Connects to microphone array)	2xXLR 2xRCA 1xRJ45 (Connects to microphone array)	2xXLR 2xRCA 1xRJ45 (Connects to microphone array)	2xXLR 2xRCA 1xRJ45 (Connects to microphone array)	2xXLR 2xRCA 1xRJ45 (Connects to microphone array)	2xXLR 2xRCA 1xRJ45 (Connects to microphone array)
Audio Outputs	4xRCA	4xRCA	4xRCA	4xRCA	4xRCA	4xRCA
Bandwidth	64kbps ~ 4Mbps	64kbps ~ 4Mbps	64kbps ~ 4Mbps	64kbps ~ 8Mbps	64kbps ~ 8Mbps	64kbps ~ 8Mbps

*: G.722.1/G.722.1C, licensed from Polycom®