



Huawei VP9039A

Ultimate HD video communications, maximum quality and features.



Huawei VP9039A is bringing ultimate, unbeatable HD video communication and content sharing experience to your conference room.

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 VP9039A brings people together in a best ever virtual meeting experience, immediately and enjoyable. Synergy between people creates value, reduce cost and help you stay ahead of competition.

Easy of use is a long time obstacle for videoconference industry and people hate that complicated and dull remote control. With a re-designed innovative remote, trendy, neat and well organized GUI, Huawei VP9039A is standing out 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 VP9039A 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 VP9039A is able to keep producing good video quality even if there are significant packet loss, latency and jitter over the network link.

Worrying about security of your videoconference call? Huawei VP9039A 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 VP9039A is rack-mountable and equipped with multiple video and audio connections, making it an ideal choice for system integrators.

Huawei VP9039A Key Features

Video Quality High Definition Standard-based
1920x1080 - 60fps
1280x720 - 60fps

Content Quality SXGA: 1280x1024

HD Monitors 

HD Cameras Pan-Tilt-Zoom (PTZ) 

HD Audio 

External Audio, Video Input/Output Audio: 5 in,4 out
Video: 4 in,4 out

Point-to-Point HD video Communications 

VP9039A Specifications

Models

- VP9039A

Video Standards & Protocols

- H.264, H.263, H.263+, H.261
- H.239
- VME(Video Motion Enhancement)

People Video Resolution

- 1080p, 1080i, 720p, 4CIF, CIF
- 1080p(50/60fps), 1080p(30fps), 1080i(50/60fps), 720p(50/60fps), 720p(30fps)
- 512kbps for 720p 30fps
- 768kbps for 720p 50/60fps
- 1Mbps for 1080p 30fps
- 3Mbps for 1080p 50/60fps
- VideoIntensifier
- ViewProcessing

Content Video Resolution

- SXGA (1280x1024), XGA (1024x768), SVGA (800x600), VGA (640x480)
- Support for multiple dual Live stream mode:
 - 1080p(30fps) and 1080p(30fps)
 - 1080i(50/60fps) and 1080i(50/60fps)
 - 720p(50/60fps) and 720p(50/60fps)
 - 720p(30fps) and 720p(30fps)

Audio Standards & Protocols

- AAC-LD Stereo, G.722, G.711, G.728
- 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 ITU-Supported 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

- Communication standards: ITU-T H.323/H.320, IETF SIP
- Network standards: TCP/IP,FTP,DHCP, SNMP, Telnet, HTTP, PPPoE, RTP, RTCP
- Interface
 - 2-port IP, 10/100 Base-T, RJ45 connectors
 - 1-port E1 (H.320), RJ45 connectors
 - 4-port 4E1 (G.703, G.704), RJ45 connectors
 - 2-port wireless (WCDMA, CDMA2000 EV-DO), USB connectors
- Bandwidth
 - IP : 64 Kbps~8 Mbps
 - E1: 64 Kbps~2 Mbps
 - 4E1: 64 Kbps~8 Mbps

Interfaces

- Camera control interface: 2xRS232/422
- Video Input Interfaces
 - 2xDVI/YPrPb/VGA
 - 1xHD-SDI
 - 1xS-video/CVBS
- Video Output Interfaces
 - 2xDVI/YPrPb/VGA
 - 1xHD-SDI
 - 1xS-video/CVBS
- Audio Input Interfaces
 - 2xXLR (Connects to analog microphone)
 - 2xRCA (Stereo,connects to tuning console or VCR)
 - 1xRJ45 (Stereo, connects to microphone array)
- Audio Output Interfaces
 - 2xRCA (Stereo, connects to video recorder)
 - 2xRCA (Stereo, connects to the audio input interface on TV set)

User Interface

- Languages: Simplified Chinese, Traditional Chinese, English, German, Spanish, French, Norwegian, Italian, Polish, Russian, Portuguese, Hungarian, Finnish, Romanian, Czechic, Swedish, Arabic, Turkish, Greek
- Control mode: Remote control, Telnet, Web

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
- 16 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

- 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: command line mode; providing user-level and administrator-level login accounts
- 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
- UL
- FCC

Electrical

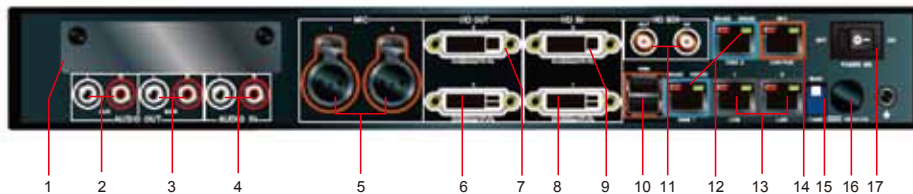
- Working voltage: 100-240V AC
- Working frequency: 50-60Hz
- Power consumption: 100W

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):422mmx225mmx60.5mm
- Package Dimensions(LxWxH):485mmx278mmx178mm
- Weight: 4 kg



1	Interface board slot	8	HD input 1 (DVI/SXGA/YPbPr)	15	Update switch
2	Audio output Aux	9	HD input 2 (DVI/SXGA/YPbPr) & SD input 1 (S-video/CVBS)	16	Power input
3	Audio output main	10	USB	17	Power switch
4	Audio input RCA	11	HD-SDI input & output		
5	Balanced audio input	12	Serial RS-232/RS-422		
6	HD output 1 (DVI/SXGA/YPbPr)	13	Ethernet port 1 & 2		
7	HD output 2 (DVI/SXGA/YPbPr) & SD output 1 (S-video/CVBS)	14	Lan-PoE MIC array		



Huawei VP9039S

Full HD video communications, mainstream and easy-to-use like never before.



Huawei VP9039S

Huawei VP9039S is bringing full HD video communication and content sharing experience to your conference room in the best quality of its class.

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 VP9039S brings people together in a Full HD virtual meeting experience, immediately and enjoyable. Synergy between people creates value, reduce cost and help you stay ahead of competition.

Easy of use is a long time obstacle for videoconference industry and people hate that complicated and dull remote control. With a re-designed innovative remote, trendy, neat and well organized GUI, Huawei VP9039S is standing out 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 VP9039S 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 VP9039S is able to keep producing good video quality even if there are significant packet loss, latency and jitter over the network link.

Worrying about security of your videoconference call? Huawei VP9039S 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 VP9039S is rack-mountable and equipped with multiple video and audio connections, making it an ideal choice for system integrators.

Huawei VP9039S Key Features

Video Quality High Definition Standard-based
1920x1080 - 30fps
1280x720 - 60fps

Content Quality SXGA: 1280x1024

HD Monitors 

HD Cameras Pan-Tilt-Zoom (PTZ) 

HD Audio 

External Audio, Video Input/Output Audio: 5 in,4 out
Video: 4 in,4 out

Point-to-Point HD video Communications 

VP9039S Specifications

Models

- VP9039S

Video Standards & Protocols

- H.264, H.263, H.263+, H.261
- H.239
- VME(Video Motion Enhancement)

People Video Resolution

- 1080p, 1080i, 720p, 4CIF, CIF
- 1080p(30fps), 1080i(50/60fps), 720p(50/60fps), 720p(30fps)
- 1Mbps for 1080p 30fps
- 768kbps for 720p 50/60fps
- 512kbps for 720p 30fps
- VideoIntensifier
- ViewProcessing

Content Video Resolution

- SXGA (1280x1024), XGA (1024x768), SVGA (800x600), VGA (640x480)
- Support for dual Live stream mode: -720p(30fps) and 720p(30fps)

Audio Standards & Protocols

- AAC-LD Stereo, G.722, G.711, G.728
- 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 ITU-Supported 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

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 - 4-port 4E1 (G.703,G.704),RJ45 connectors
 - 2-port wireless (WCDMA, CDMA2000 EV-DO), USB connectors
- Bandwidth
 - IP : 64 Kbps~8 Mbps
 - E1: 64 Kbps~2 Mbps
 - 4E1: 64 Kbps~8 Mbps

Interfaces

- Camera control interface: 2xRS232/422
- Video Input Interfaces
 - 2xDVI/YPrPb/VGA
 - 1xHD-SDI
 - 1xS-video/CVBS
- Video Output Interfaces
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- Audio Input Interfaces
 - 2xXLR (Connects to analog microphone)
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- Languages: Simplified Chinese, Traditional Chinese, English, German, Spanish, French, Norwegian, Italian, Polish, Russian, Portuguese, Hungarian, Finnish, Romanian, Czechic, Swedish, Arabic, Turkish, Greek
- Control mode: Remote control, Telnet, Web

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
- 16 optional colors
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- External character generator
- Powerful caption SMS function enhances the communications among sites and facilitates your use.

Special Features

- 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: command line mode; providing user-level and administrator-level login accounts
- 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

Electrical

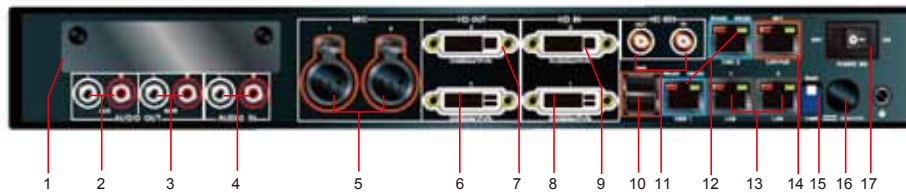
- Working voltage: 100-240V AC
- Working frequency: 50-60Hz
- Power consumption: 100W

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 mmx60.5mm
- Package Dimensions(LxWxH):485mmx278mmx178mm
- Weight: 4 kg



1	Interface board slot	8	HD input 1 (DVI/SXGA/YPrPb)	15	Update switch
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3	Audio output main	10	USB	17	Power switch
4	Audio input RCA	11	HD-SDI input & output		
5	Balanced audio input	12	Serial RS-232/RS-422		
6	HD output 1 (DVI/SXGA/YPrPb)	13	Ethernet port 1 & 2		
7	HD output 2 (DVI/SXGA/YPrPb) & SD output 1 (S-video/CVBS)	14	Lan-PoE MIC array		



Huawei VP9039SM

Full HD video communications with 6-site embedded MCU.



Huawei VP9039SM is bringing multi-site, full HD video communication and content sharing experience for your working group.

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.

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Easy of use is a long time obstacle for videoconference industry and people hate that complicated and dull remote control. With a re-designed innovative remote, trendy, neat and well organized GUI, Huawei VP9039SM is standing out 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 VP9039SM 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 VP9039SM is able to keep producing good video quality even if there are significant packet loss, latency and jitter over the network link.

Worrying about security of your videoconference call? Huawei VP9039SM 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 VP9039SM is rack-mountable and equipped with multiple video and audio connections, making it an ideal choice for system integrators.

Huawei VP9039SM Key Features

Video Quality High Definition Standard-based
1920x1080 - 30fps
1280x720 - 60fps

Content Quality SXGA: 1280x1024

HD Monitors

HD Cameras Pan-Tilt-Zoom (PTZ)

HD Audio

External Audio, Video Input/Output Audio: 5 in,4 out
Video: 4 in,4 out

Point-to-Point Full HD video Communications

Embedded Continuous Presence HD Multipoint

VP9039SM Specifications

Models

- VP 9039SM

Embedded MCU

- up to 6 HD video endpoints + 3 voice terminals to join the conference.
- 4 sites CP per port
- The embedded MCU supports CP, voice activation, camera control, and chairman token.
- two lever cascading
- Mixed H.323 and SIP

Video Standards & Protocols

- H.264, H.263, H.263+, H.261
- H.239
- VME(Video Motion Enhancement)

People Video Resolution

- 1080p, 1080i, 720p, 4CIF, CIF
- 1080p(30fps), 1080i(50/60fps), 720p(50/60fps), 720p(30fps)
- 1Mbps for 1080p 30fps
- 768kbps for 720p 50/60fps
- 512kbps for 720p 30fps
- VideoIntensifier
- ViewProcessing

Content Video Resolution

- SXGA (1280×1024), XGA (1024×768), SVGA (800×600), VGA (640×480)
- Support for dual Live stream mode: -720p(30fps) and 720p(30fps)

Audio Standards & Protocols

- AAC-LD Stereo, G.722, G.722.1, G.711, G.711 a/u, G.728
- HWA-LD Stereo : Huawei Audio broadband Low Delay Stereo, frequency range 20-22K Hz
- Acoustic Echo Cancellation (AEC)
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Other ITU-Supported Standards

- H.221, H.225, H.230, H.231, H.233, H.234, H.235 V2/V3, H.241, H.242, H.243, H.245 DTMF, H.281, H.283, H.350, H.460, T.140

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- Communication standards: ITU-T H.323/H.320, IETF SIP
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 - 1-port E1 (H.320), RJ45 connectors
 - 4-port 4E1 (G.703, G.704), RJ45 connectors
 - 2-port wireless (WCDMA, CDMA2000 EV-DO), USB connectors
- Bandwidth
 - IP : 64 Kbps~8 Mbps
 - IP: Total 12Mbps (VP 9039SM available: Supports up to 6 HD video endpoints + 3 voice terminals to join the conference)
 - E1 : 64 Kbps~2 Mbps
 - 4E1 : 64 Kbps~8 Mbps

Interfaces

- Camera control interface: 2×RS232/422
- Video Input Interfaces
 - 2×DVI/YPrPb/VGA
 - 1×HD-SDI
 - 1×S-video/CVBS
- Video Output Interfaces
 - 2×DVI/YPrPb/VGA
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- Call record
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- 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: command line mode; providing user-level and administrator-level login accounts
- Local and remote software upgrades
- WebServer, Web maintenance management
- Event log record
- Default settings restoration

Approval and Compliance

- CE
- RoHS
- UL

Electrical

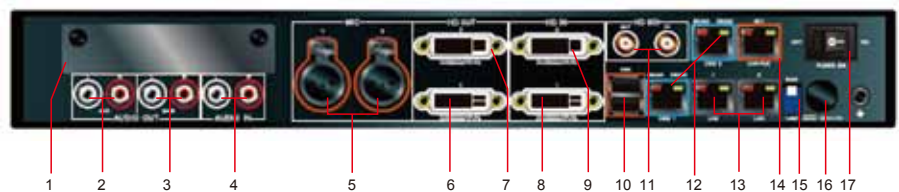
- Working voltage: 100-240V AC
- Working frequency: 50-60Hz
- Power consumption: 150W

Environmental Specification

- Operating Temperature: 0-40°C
- Operating Humidity: 10-80%
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