

AVer HVC series

HD Quality Video Conferencing System

Smart, Efficient, Economical

- 1 to 4 sites connection
- 5M PTZ, 7X Optical Zoom camera
- Wireless content sharing via PC
- Snapshot sharing & VC control via Smartphone
- Live recording (HVC330 only)
- Advanced daisy chain MIC support



Product Specifications & Features (HVC series)

Camera

- 5-megapixel CMOS camera
- 7X Optical Zoom
- PTZ function
- F = 3.325 ~ 3.675; fl = 6 ~ 60 mm
- 30 cm MOD
- 62 Degree FOV

Display

- Supports XGA (4:3 RGB) / HD720p (16:9 RGB)
- Supports Single and Dual Monitor display
- Multiple layout styles
- User-friendly OSD (supports 19 languages: English, Traditional Chinese, Simplified Chinese, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese-Brazil, Russian, Spanish, Swedish, Thai)
- Display / Edit site name

Communication

- H.323 and SIP standard
- 128Kbps ~ 4Mbps
- 1xRJ-45 network LAN (10/100Mbps)
- Manual bandwidth settings

Video Standard

- H.264, H.263, H.263+, H.261
- H.239 dual video streams

Audio Standard

- G.711, G.722, G.722.1, G.728, G.722.1C

Other ITU-Supported Standards

- H.224 / H.281 far-site camera control
- H.225, H.245
- H.323 Annex Q far-site camera control
- H.239 Dual Stream / Content Sharing
- H.460 NAT / firewall traversal

Video Feature

- Video conferencing resolution:
 - QSIF (176x120), QCIF (176x144)
 - SIF (352x240), CIF (352x288)
 - 4SIF (704x480), 4CIF (704x576)
 - HD720p (1280x720)
- Content sharing resolution:
 - VGA (640x480)
 - SVGA (800x600)
 - XGA (1024x768)
 - SXGA (1280x1024)
- Supports Rate Control mechanism
- Supports H.239 content stream shared from local or remote side

Video Input

- PTZ Camera Input
- S-Video input
- VGA Input (For dual stream content)

Video Output

- HDMI Output
- VGA Output

Audio Feature

- Echo cancellation
- Auto Gain Control (AGC)
- Noise suppression

Audio Input

- AVer MIC In
- Aux. MIC in from mini XLR connector
- RCA Audio In

Audio Output

- HDMI Audio Out
- RCA Audio Out

Security

- Restricted access to Webtool and System Settings
- AES (Advanced Encryption Standard) Function

Web Management Tool

- Remote management through Web
- Live monitoring function from Web
- Remote control App on iOS & Android
- RS-232 interface for API
- Phonebook download / upload / edit
- Firmware update via Ethernet / Internet
- Save system settings

Other Features

- Firmware update via Ethernet or USB flash drive
- Screensaver and Auto Power Off mode

Dimensions and Weight

- Package: 7.6kg (16.7lbs)
- Main System: 320 x 259.6 x 27 mm
- Camera: 160 x 141 x 89.5 mm
- Microphone: 118 x 116 x 21 mm

Environment

- Operation Temperature: 0 - 40 °C
- Operation Humidity: 20% - 80%
- Storage Temperature: -20 - 60 °C
- Storage Humidity: 20% - 80%

Package Content

- Main System unit
- HD PTZ camera
- Microphone (HVC330 x 2 / HVC130 x 1)
- IR remote control (w/ batteries)
- Manual CD
- L-Bracket (camera stand)
- VGA cable (6M)
- Phone to RCA cable
- S-Video to RCA converter
- 26-Pin D-Sub cable (Camera cable, 1.5M)
- RJ-45 cable
- MIC cable (10M)
- MIC cable (5M, only in HVC330)
- Mini XLR converter
- Power adapter
- Power cord

Power Supply

- AC 100V to 240V, 50/60 Hz
- Consumption: DC19V, 3.42A

Warranty

- 2-year parts and labor (return to factory)

Product Specifications & Features (HVC330 only)

Multi-Site Feature

- H.323 Standard
- MCU up to 4 sites
- Content sharing capability from all sites

Meeting Recording

- In meeting and off-meeting recording
- Supports screen re-layout during playback

Snapshot Sharing

- Capture 5M image for live sharing
- Zoom / Pan the captured image
- Snapshot images can be saved to USB flash drive
- Snapshot images can be shared from your smartphone

Minimum Bandwidth Requirement

Resolution	Bandwidth	MCU with 3 Sites
4CIF (704x576) / 4SIF (704x480)	256Kbps	768Kbps
HD720p30fps (1280x720)	1Mbps (Point to Point Only)	

Meeting Recording Time (P2P Mode)

Connection Bitrate Capacity	128Kbit	256Kbit	512Kbit	1Mbit	2Mbit	4Mbit
1GB	8h 32m	4h 16m	2h 08m	1h 04m	32m	16m
2GB	17h 04m	8h 32m	4h 16m	2h 08m	1h 04m	32m
4GB	1d 10h 08m	17h 04m	8h 32m	4h 16m	2h 08m	1h 04m
8GB	2d 20h 16m	1d 10h 08m	17h 04m	8h 32m	4h 16m	2h 08m
16GB	5d 16h 32m	2d 20h 16m	1d 10h 08m	17h 04m	8h 32m	4h 16m
32GB	11d 9h 04m	5d 16h 32m	2d 20h 16m	1d 10h 08m	17h 04m	8h 32m

Software

VCplayer

System Requirements

- Intel® Pentium® 4 or AMD Athlon® XP or higher processor; 2.4GHz Pentium® 4 or Intel® Core™ 2 Duo or above
- Windows® XP (SP2) or later
- 512MB RAM or above
- 50MB of available hard-disk space
- For file converter function, you will need Intel® Core™ 2 Duo 2.8GHz and 1G RAM or above

ScreenShare

System Requirements

- Intel® Atom 1.6GHz or above.
- Windows® XP (SP2) or later
- 1G RAM or above

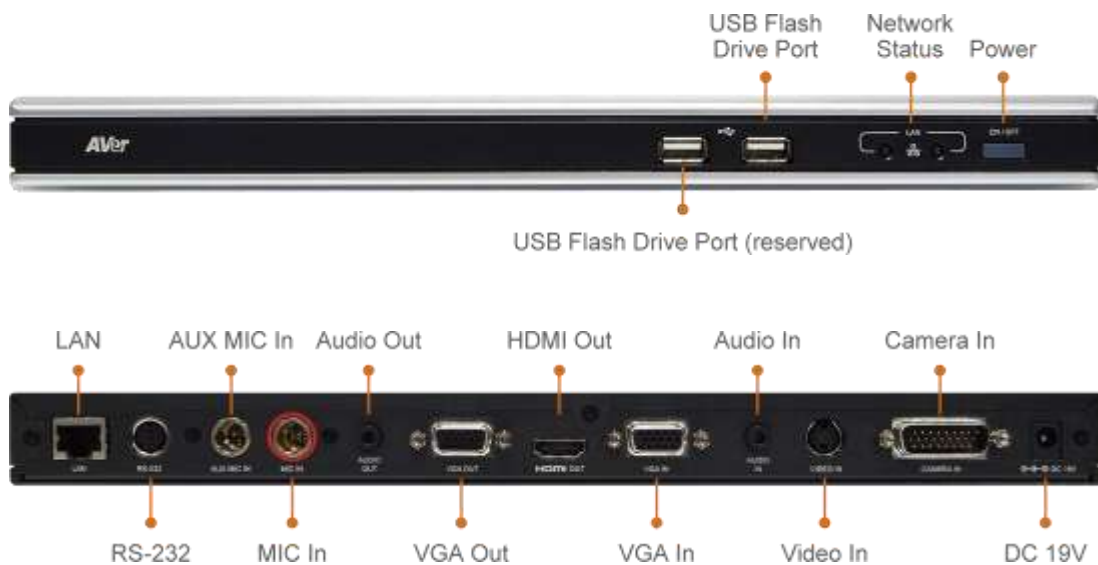
VCLink for Smartphone

System Requirements

VCLink Android : Android 1.5 or above

VCLink iPhone : iOS 4.2.1 and iPhone 3Gs or above

Main System



Camera



Microphone



Remote Control



L-Bracket

