AVer H series

HD Quality Video Conferencing System

Easy, Efficient, Economical

- 1 to 4 sites connection
- 5M pixel PTZ, 7X Optical Zoom camera
- Content Sharing
- Snapshot Sharing (H300 only)
- Meeting Recording (H300 only)



Product Specifications & Features (H series)

Camera
- 5M pixel PTZ camera
- 7X Optical Zoom
- PTZ function (±25° up/down; ±100° left/right)
- F = 3.325 ~ 3.675; fl = 6 ~ 60 mm
- 30 cm MOD
- 62° FOV

Display
- Supports NTSC / PAL / XGA (4:3 RGB) / HD720p (16:9 RGB)
- Supports Single and Dual Monitor display
- Multiple layout styles
- User-friendly OSD (supports 20 languages: English, Traditional Chinese, Simplified Chinese, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese-Brazil, Russian, Spanish, Swedish, Thai)
- Display / Edit site name

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

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

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

Video Output
- VGA Output x 2
- Composite Video (RCA) Output
- S-Video Output

AVer Web Management Tool (WebTool)
- Remote management through Web
- Live monitoring function from Web
- Phonebook download / upload / edit
- Firmware update via Ethernet / Internet
- Save system settings

Security
- Restricted access to Webtool and System Settings

Other Features
- Embedded 10W speaker
- Firmware update via Ethernet or USB flash drive
- Screensaver and Auto Power Off mode
- Remote control App on iOS & Android

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Environment
- Operation Temperature: 0˚C ~ 40˚C
- Operation Humidity: 20% ~ 80%
- Storage Temperature: -20˚C ~ 60 ˚C
- Storage Humidity: 20% ~ 80%

Dimensions and Weight
- Package: 8.9kg (19.58 lbs)
- Main System (W x H x D): 320 x 27 x 259.6 mm
- Camera (W x H x D): 141 x 160 x 89.5 mm
- Table Hub (W x H x D): 205 x 65 x 183 mm
- Microphone (W x H x D): 75 x 60 x 75 mm

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

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

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

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

Audio Input
- RCA Audio Input

Audio Output
- RCA Audio Output

Package Content
- Main System unit
- HD PTZ camera
- Table Hub
- Microphone (omnidirectional)
- IR remote control (w/ batteries)
- Manual CD
- L-Bracket (camera stand)
- VGA cable
- RCA cable
- Phone to RCA cable
- S-Video cable
- 26-Pin D-Sub cable x 2 (Hub and Camera Cable)
- RJ-45 cable
- 6P4C cable (3 meters)
- Power adapter
- Power cord

Product Specifications & Features (H300 only)

Multi-Site Feature
- H.323, SIP Standard
- MCU up to 4 sites
- Content sharing capability from all sites

Meeting Recording
- In meeting and offline recording directly to a USB flash drive
- Supports screen re-layout during playback

Snapshot Sharing
- Capture 5M image for live sharing
- Zoom (2X) / Pan the captured image

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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

AVer VCPlayer Software

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

VCLink for Mobile Devices

System Requirements

- VCLink Android : Android 1.5 or above
- VCLink iPhone : iOS 4.2.1 and iPhone 3Gs or above

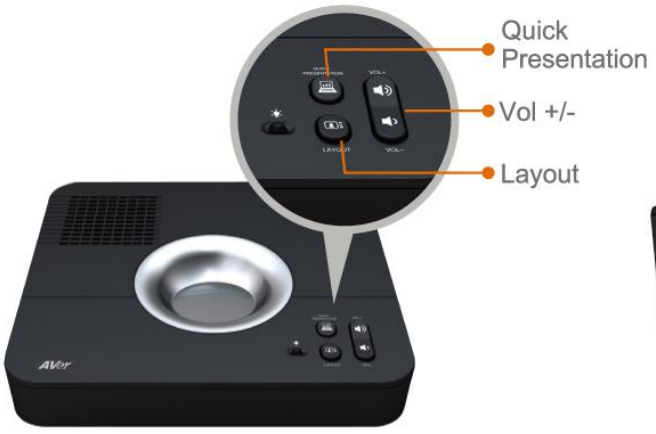
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Main System





Table Hub





Camera



Microphone



Remote Control



L-Bracket



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