

# AVer HVC330

## 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 mobile devices
- Live recording
- Advanced daisy chain MIC support



### Product Specifications & Features

#### 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 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 and SIP standard
- 128Kbps ~ 4Mbps
- 1xRJ-45 network LAN (10/100Mbps)
- Manual bandwidth settings
- MCU up to 4 sites
- Content sharing capability from all sites

#### 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

**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 and live images can be shared from your mobile device

**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 x 2
- 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)
- Mini XLR converter
- Power adapter
- Power cord

**Power Supply**

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

**Warranty**

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

**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 Capacity \ Bitrate	128Kbit	256Kbit	512Kbit	1Mbit	2Mbit	4Mbit
1GB	8h 32m	4h 16m	<b>2h 08m</b>	1h 04m	32m	16m
2GB	17h 04m	8h 32m	<b>4h 16m</b>	2h 08m	1h 04m	32m
4GB	1d 10h 08m	17h 04m	<b>8h 32m</b>	4h 16m	2h 08m	1h 04m
8GB	2d 20h 16m	1d 10h 08m	<b>17h 04m</b>	8h 32m	4h 16m	2h 08m
16GB	5d 16h 32m	2d 20h 16m	<b>1d 10h 08m</b>	17h 04m	8h 32m	4h 16m
32GB	11d 9h 04m	5d 16h 32m	<b>2d 20h 16m</b>	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 for PC

#### System Requirements

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

### VCLink for mobile devices

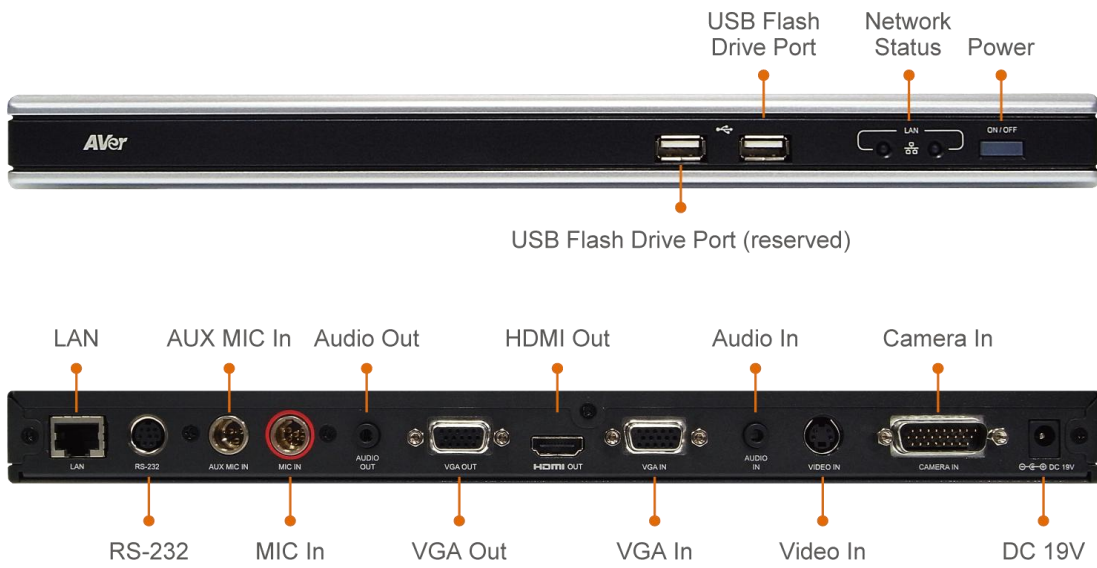
#### System Requirements

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

