



H300 4-site MCU HD Video Conferencing System

The H300 provides an outstandingly cost-effective way to conduct 4-way H.323 video conferences. This "All-in-One" solution comes with everything you need to start video conferencing right out of the box, so there are no costly upgrades or installation fees. The H300 features a unique table hub design to take the hassle and clutter out of conferencing, a 5-megapixel PTZ camera, 7X optical zoom and HD720p resolution at 30fps. You can record meetings directly to a USB flash drive to prevent post-meeting information loss and easily lead a presentation from anywhere using content sharing. With great functionality and a price that's almost too good to be true, the H300 is simply the smart choice for room-based video conferencing.



All in One

Out-of-the-box solution

Avoid the costly nightmare of purchasing and installing a traditional video conferencing system with the H300. Camera, codec, MIC and speaker are all yours for less than a round-trip business class ticket from London to Shanghai.

One-touch recording

Record your video conferences - video, audio and shared content - directly to a USB flash drive, turning them into video archives that help avoid post-meeting information loss. Playback recorded meetings using your H300 system or on your PC using AVer's VCPlayer software.

5M

5M camera with snapshot function

Enjoy crystal clear images from H300's 5-megapixel PTZ camera that make users at every site feel like everyone's in the same room. Take a 5-megapixel snapshot at any time and instantly present it to everyone in the call for enhanced discussions.

Innovative table hub design

Avoid the normal mess of wires seen with other video conferencing systems through H300's unique table hub design with handy presentation buttons, easily accessible VGA ports and an embedded 10W speaker that eliminates the need for external speakers.

Intelligent technical support

Access the camera and codec from a remote site using WebTool, AVer's web-based management platform. This handy tool lets your organization's technical support staff to configure your system and troubleshoot issues in real-time using any major web browser.

Free Software Add-ons



VCLink mobile application

With the VCLink mobile application, any authorized user can turn an iPad, iPhone or Android mobile device into a second remote control for simplified operation.



VCPlayer playback software

Not only can you adjust the screen layout of recorded meetings at your leisure with VCPlayer, but also convert recorded meetings for playback in other media players.

H300 4-site MCU

HD Video Conferencing System



Product specifications

Camera

- 5M Pixels CMOS camera
- 7X optical zoom
- PTZ function ($\pm 25^\circ$ up/down; $\pm 100^\circ$ left/right)
- $F = 3.325 \sim 3.675$; $f_l = 6 \sim 60$ mm
- 30cm MOD
- 62° FOV

Display

- Supports XGA (4:3 RGB) / HD720p (16:9 RGB)
- Supports single and dual monitor display
- Multiple layout styles
- User-friendly OSD (supports 21 languages: English, Traditional Chinese, Simplified Chinese, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese-Brazil, Romanian, Russian, Spanish, Swedish, Thai)
- Display / edit site name

Communication

- H.323, SIP standard
- 128Kbps ~ 4Mbps
- RJ45 network LAN (10/100Mbps)
- Manual bandwidth settings
- MCU up to 4 sites
- Content sharing capability from all sites

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 resolutions:
 - QSIF (176 x 120), QCIF (176 x 144)
 - SIF (352 x 240), CIF (352 x 288)
 - 4SIF (704 x 480), 4CIF (704 x 576)
 - HD720p (1280 x 720)
- Content sharing resolutions:
 - VGA (640 x 480)
 - SVGA (800 x 600)
 - XGA (1024 x 768)
 - SXGA (1280 x 1024)
- Supports rate control mechanism
- Supports H.239 content stream shared from local / far site

* For detailed warranty information, please visit our website.

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

Audio feature

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

Audio standard

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

MIC input

- AVer MIC input (omnidirectional)
- MIC input (3.5mm)

Audio input

- Audio input (3.5mm)

Audio output

- Audio output (3.5mm)

Meeting recording

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

Security

- Restricted access to WebTool and system settings
- AES (Advanced Encryption Standard) function

Web management tool

- Remote management through the Internet
- Live monitoring function from the Internet
- Remote control app on iOS & Android
- Phonebook download / upload / edit
- Firmware update via Ethernet / Internet
- Save system settings

Other features

- Embedded 10W speaker
- Firmware update via Ethernet or USB flash drive
- Screensaver and Auto Power Off mode

Dimensions and weight

- Package: 8.9kg (19.58lbs)
- Main system: 320 x 259.6 x 27 mm
- Camera: 160 x 141 x 89.5 mm
- Table Hub: 205 x 183 x 65 mm
- Microphone: 75 x 75 x 60 mm

Power supply

- AC 100 ~ 240V, 50/60 Hz
- Consumption: DC 19V, 3.42A

Environment

- Operation temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$
- Operation humidity: 20% ~ 80%
- Storage temperature: $-20^\circ\text{C} \sim 60^\circ\text{C}$
- Storage humidity: 20% ~ 0%

Warranty

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

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 (Table Hub and camera)
- RJ45 cable
- 6P4C cable
- Power adapter
- Power cord

Hardware specifications



Distributor/Dealer:



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