

AVer EVC300 HD Multipoint Conferencing System



Product Name: AVer EVC300 HD Multipoint Conferencing System

Manufacturer: AVer

Model Number: EVC300

AVer EVC300 HD Multipoint Conferencing System

The AVer EVC300 HD Multipoint Conferencing System is suitable for any budget, offering small to medium-size organizations the perfect full HD video conferencing solution. The 4-site, high performance MCU video conferencing system features real-time full HD 1080p video streaming and content sharing coupled with a full HD 16X PTZ camera, microphone array, sleek UI and compact system design. The EVC300's 3-year standard warranty gives users peace of mind and the EZMeetup mobility software allow users to connect to desktops, laptops, tablets and mobile phones, ensuring no conferences are missed.

AVer EVC300 HD Key Features

- 4 points embedded MCU suitable for local and international business needs
- automatically detects main speaker and enlarges their layout thus reducing accidental interruptions
- record everything on the screen directly to a flash drive even when you're not in a call
- connect up to 4 MICs into 1 daisy chain for excellent audio reception in larger rooms
- configure your system and troubleshoot issues in real-time from a remote site
- enjoy peace of mind with EVC300's industry-leading 3-year warranty
- achieve smooth audio and video streaming under erratic network conditions through AVer's exclusive High Efficiency Lost Packet Recovery mechanism (HELPeR™)
- achieve fast and simple integration with your pre-existing audio-visual equipment setup and universal controllers via telnet (API)
- playback recorded meetings in the original .vc file format, or convert them into .mov files with the latest version of VCPlayer
- capture every expression clearly with the EVC300's full HD1080p resolution at 2M/2M bandwidth
- experience 30fps video conferencing resulting in a crystal clear, lag-free video feed
- share and receive content from laptops, visualizers (document cameras) and similar devices while still displaying the live video feed at full HD1080p 30fps
- connect with any far-site device supporting the H.323 protocol, and the H.239 protocol for content sharing
- built in SIP server and registrar to allow SIP-based devices to join in the meeting
- enjoy video conferencing on desktops, laptops, mobile phones and tablets by downloading AVer's mobility software EZMeetup

AVer EVC300 HD - Technical Specifications

package contents

- main system unit (codec)
- eCam PTZ camera
- EVC microphone array
- IR remote control
- power supply
- cables
- warranty card
- quick guide

communications

- H.323 and SIP standards
- 64Kbps~4Mbps
- RJ45 network LAN (10/100/1000)

AVer EVC300 HD Multipoint Conferencing System

- manual bandwidth settings

camera

- eCam PTZ:
- pan/tilt/zoom camera
- 2-megapixel CMOS sensor
- 16X optical zoom
- $\pm 100^\circ$ pan; $\pm 25^\circ$ tilt
- 67° FOV (diagonal)

people video resolutions

- HD1080p (1920 x 1080)
- HD720p (1280 x 720)
- 480p (848 x 480)
- CIF (352 x 288)
- all resolutions at 30fps

content video resolutions

- supported resolutions: - HD1080p (1920 x 1080) - WSXGA+ (1680 x 1050) - SXGA (1280 x 1024) - WXGA (1280 x 768) - HD720p (1280 x 720) - XGA (1024 x 768) - SVGA (800 x 600) - D1 (720 x 480) - VGA (640 x 480)
- output resolutions: - HD1080p (1920 x 1080) up to 30fps

video standards

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

video inputs

- EVC eCam camera
- VGA
- DVI (HDMI)

video outputs

- HDMI
- VGA

audio standards

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

Audio features

- automatic gain control (AGC)
- advanced noise reduction
- acoustic echo cancellation (AEC)

audio inputs

- EVC microphone array

AVer EVC300 HD Multipoint Conferencing System

- DVI (HDMI)

audio outputs

- HDMI
- line-out (3.5 mm)
- line-in (3.5 mm)

other supported standards

- H.224, H.225, H.245, H.281, H.323 Annex Q, H.460

video standards

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

user interface

- multiple layout styles
- user-friendly OSD (supports 22 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, Turkish) display / edit site name

network

- 10/100/1000Mbps
- NAT / firewall traversal
- High Efficiency Lost Packet Recovery (HELPeR™)
- API support via Telnet
- Wake-on-LAN (WOL) support
- IPv4 and IPv6 support
- Network Test
- QoS

security

- AES (Advanced Encryption Standard) function (128-bit)
- password protection for system settings
- password protection for remote system management

web management tool

- remote management through the Web
- live monitoring via the Web
- firmware update via Ethernet / Internet
- phonebook download / upload / edit
- restore system settings

value-added features

- meeting recording - in meeting and offline recording - save directly to USB flash drive - supports screen re-layout during playback - playback and file conversion via VCPlayer software (.mov format)

AVer EVC300 HD Multipoint Conferencing System

- speed dialing via hot keys (10 sets)
- camera presets (10 positions)
- Network Time Protocol (NTP)

power supply

- AC 100V~240V, 50/60Hz
- consumption: EIAJ 12V, 4A

environmental data

- operation temperature: 0°C~40°C
- operation humidity: 20%~80%
- storage temperature: -20°C~60°C

physical characteristics

- package dimensions: 378 x 297 x 224 mm
- package weight: 5.98kg (13.19lbs)
- main system (codec): 320 x 262.7 x 37.2 mm
- eCam PTZcamera: 122.3 x 122.3 x 159.5 mm
- EVC microphone array: 131.9 x 118.6 x 25.5 mm

mobility software – EZMeetup (optional)

- connect with H.264 video codec
- PC version for windows®
- resolution up to VGA 30fps
- compatible with EVC900/EVC300

warranty

- 3-year standard warranty*
- storage humidity: 20%~80%

Price: £3,999.00
