



EVC900

Full HD Video Conferencing System

AVer's EVC900 is the perfect video conferencing solution for big conference rooms and auditoriums. It offers a cost-effective way for up to 10 sites to connect and enjoy full HD video and content sharing, resulting in an unbeatable return on investment. The EVC900 provides a 10-way video connection that bridges it with other devices, for example, desktops, laptops, tablets and mobile phones through AVer EZMeetup software. The EVC900 is simple to set up, easy to operate and offers great interoperability across all devices and brands. The EVC900 allows users to enjoy smooth, clear multisite conferencing under low bandwidth conditions, making it ideal for areas with insufficient telecommunications infrastructure.



HDMI™



10 points embedded MCU

Our EVC900 supports conferencing on up to 10 different locations at full HD1080p resolution. The cost-effective embedded MCU offering smooth video streaming is the ideal solution for those who want to start conferencing today.



16X
optical zoom

PTZ with 16X optical zoom camera

The EVC900's impressive full HD PTZ camera with 16X optical zoom accompanied with +/-100° pan and +/-25° tilt, allows for clear close-ups of participants in large conference rooms.



Voice activated layout switch

The voice activated layout switch feature allows the dominant speakers screen to be automatically enlarged. This function makes the video conference more natural by making it clear who is speaking and avoids the problem of participants inadvertently interrupting each other.



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 EVC900 system or on your PC or laptop using AVer's VCPlayer software.



Built in SIP server and registrar

The EVC900 provides conferencing for up to 10 different sites and allows AVer and non-AVer systems and any SIP-based devices, app, and software to communicate. The EVC900 is the ideal solution for businesses that want smooth video streaming from a cost-effective device.



Connect anywhere & anyplace

The EVC900 allows you to connect up to 10 sites no matter where they are. Download AVer's mobility software EZMeetup to enjoy video conferencing on PC, laptop, mobile phone and tablet. Enjoy clear images and sound with EVC900 to ensure that those important people can join in those important conferences wherever they are.

EVC900

10-site MCU

Full HD Video Conferencing System

Product specifications

Package contents

- Main system unit (codec)
- EVC eCam PTZ camera
- EVC microphone array
- IR remote control
- Power supply
- Cables
- Warranty card
- Quick guide

Communications

- H.323, SIP standards, SIP TLS
- 64Kbps~4Mbps
- RJ45 network LAN (10/100/1000)
- Manual bandwidth settings

Camera

- eCam PTZ:
 - pan/tilt/zoom camera
 - 2-megapixel CMOS sensor
 - 16X optical zoom
 - +/- 100° pan; +/- 25° tilt
 - FOV 61° (H); 35° (V); 67° (Diagonal)

People video resolutions

- HD1080p (1920 x 1080)
- HD720p (1280 x 720)
- 480p (848 x 480)
- 4CIF (704 x 576)
- CIF (352 x 288)
- SIF (352 x 240)
- 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.264 HP, H.264 SVC, H.263+, H.263, H.261
- H.239 dual video streams
- BFCP content sharing

Video features

- 3D Denoise

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 daisy chain up to 4
- DVI (HDMI)
- Line-in (3.5 mm)

Audio outputs

- HDMI
- Line-out (3.5 mm)

Other supported standards

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

User interface

- Multiple layout styles
- User-friendly OSD (22 supported 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
- Live monitoring
- Firmware update
- 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/.mp4 format)
- Speed dialing via hot keys (10 sets)
- Camera presets (10 positions)
- Network Time Protocol (NTP)
- License upgrade to 6, 8, 10 points
- ScreenShare support
- VCLink support
- SnapShot support
- Group Calling

Power supply

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

Environmental data

- Operation temperature: 0~40°C
- Operation humidity: 20%~80%
- Storage temperature: -20~60°C
- Storage humidity: 20%~80%

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 PTZ camera:
122.3 x 122.3 x 159.5 mm
- EVC microphone array:
131.9 x 118.6 x 25.5 mm

Mobility Software - EZMeetup (free App)

- Support Windows®, Mac®, iOS and Android devices
- 30-day free trial for licensed PC version
- Connect with H.264 video codec
- Receive resolution up to HD 720p at 30fps
- Transmit resolution up to VGA (640x480) at 30fps
- Compatible with firmware later than v10.06
- Support content sharing, capture and recording

Collaborative Software - EZDraw (free App)

- Compatible with firmware later than v10.12 (BOOM)
- Import .JPG, .PNG, .GIF and .BMP files
- Export .PNG files
- A maximum of 10 tablets can be connected

Warranty

- 3-year standard warranty*

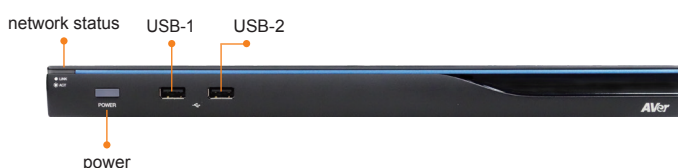
Optional accessories



* For detailed warranty information, please contact an AVer representative.

Hardware specifications

Front panel



Back panel

