

AVer EVC300

Full HD 4-point MCU



Package contents

- Main system unit (codec)
- EVC eCam PTZ camera
- EVC microphone array
- IR remote control with batteries
- 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

EVC eCam PTZ camera

- 2-megapixel CMOS sensor
- 16X optical zoom
- $\pm 100^\circ$ pan; $\pm 25^\circ$ tilt
- 61° FOV (H); 35° FOV (V); 67° FOV (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

VGA Supported resolutions:

- WSXGA+ (1680 x 1050)
- WXGA (1280 x 768)
- SXGA (1280 x 1024)
- XGA (1024 x 768)
- SVGA (800 x 600)
- VGA (640 x 480)

DVI (digital) Supported resolutions:

- 1080p (1920 x 1080)
- 720p (1280 x 720)
- D1 (720 x 480)
- SXGA (1280 x 1024)
- XGA (1024 x 768)
- SVGA (800 x 600)
- VGA (640 x 480)

Output resolutions:

- Up to HD1080p (1920 x 1080) at 30 fps

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 PTZ camera
- VGA
- DVI

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
- Line-in (3.5 mm)

Audio outputs

- Digital audio on HDMI cable
- Line-out (3.5 mm)

Other supported standards

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

User interface

- Multiple layout styles
- User-friendly OSD (23 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, Vietnamese)
- Display/edit site name

Network

- 10/100/1000Mbps
- NAT/firewall traversal (H.460)
- High Efficiency Lost Packet Recovery (HELPeR™)
- API support via Telnet
- Wake-on-LAN (WOL) support
- IPv4 and IPv6 support
- Network test
- Quality of service (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
- Export call history

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 and .mp4 format)
- EZMeetup software/App
 - 30-day for free trial
 - Connect with H.264 video codec
 - Receive resolution up to Full HD 1080p 30fps
 - Transmit resolution up to Full HD 1080p 30fps
 - Support content sharing, capture and recording
- EZDraw App
 - Import .JPG, .PNG, .GIF and .BMP files
 - Export .PNG files
 - A maximum of 10 devices can be connected
- Dual monitor support
- Speed dialing via hot keys (10 sets)
- Camera presets (100 positions)
- Firmware update via USB flash drive
- Screensaver and auto power off mode
- Two front USB 2.0 ports

- Network Time Protocol (NTP)
- ScreenShare
- VCLink
- Snapshot
- Group calling
- Support SIP voice calls

Power supply

- AC 100V~240V, 50/60Hz
- Consumption: EIAJ 12V, 5A

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: 5.985kg (13.194lbs)
- Main system (codec): 320 x 262.7 x 37.2mm
- eCam PTZ camera: 122.3 x 122.3 x 159.5 mm
- EVC microphone array: 131.9 x 118.6 x 25.5 mm

Optional accessories

- Additional microphone
- Camera mount
- Replacement eCam PTZ camera

Warranty

- 3+2 years*

* Please register online to receive free 2 year warranty extension. For detailed warranty information, please contact an AVer representative.

Hardware specifications

Front panel



Back panel

