Product Datasheet

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
- ±100° pan; ±25° 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

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 (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

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- 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 HD 720p at 30fps
  - Transmit resolution up to VGA (640x480) at 30fp
  - Compatible with firmware later than v10.06
  - Support content sharing, capture and recording
- EZDraw App
  - Compatible with firmware later than v10.12 (BOOM)
  - 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 (10 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

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: 5.985kg (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-year standard warranty

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

Hardware specifications

Front panel



Back panel



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