

# AVer EVC170

Full HD Endpoint with Built-in Meeting Server



## Package contents

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

## Communications

- . H.323, SIP standards, SIP TLS
- . WebRTC (License Required)
- . Call-Quality bandwidth 64Kbps ~ 8Mbps
- . RJ45 network LAN (10/100/1000)
- . Manual max. bandwidth settings

## Camera

- . eCam PTZ IV camera
- . 2-megapixel CMOS sensor
- . 18X total zoom (12X optical + 1.5X digital)
- . ±130° pan; +90°/-25° tilt
- . 72° FOV (H); 43° FOV (V); 82° FOV (diagonal)

## People video resolutions

- . HD 1080p (1920 x 1080), up to 60fps
- . HD 720p (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

- . HDMI-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) up to 60fps

## Video standards

- . H.264, H.264 HP, H.264 SVC, H.263+, H.263
- . H.239 dual-video streams
- . BFCP content sharing

## Video features

- . 3D denoise

## Video inputs

- . Main camera eCam PTZ IV
- . HDMI/VGA for presentation

## Video outputs

- . HDMI x 2
- . VGA

## Audio standards

- . G.711, G.722, G.722.1, G.728, G.722.1C, AAC-LD, G729

## Audio features

- . Automatic gain control (AGC)
- . Advanced noise reduction (NR)
- . Acoustic echo cancellation (AEC)

## Audio inputs

- . EVC microphone daisy chain up to 4
- . HDMI
- . Line-in (3.5 mm)

## Audio outputs

- . HDMI x 2
- . Line-out (3.5 mm)

## Other supported standards

- . H.224, H.225, H.245, H.281, H.323 Annex Q, H.460
- . RTP, RTCP, H.350, SRTP, H.235, HTTP, HTTPs, Telnet, DHCP, DNS

## User interface

- . Single/dual-monitor 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
- . Packet Loss Recovery (PLR)
- . Wake-on-LAN (WOL) support
- . IPv4 and IPv6 support
- . Network test
- . Quality of service (QoS)
- . VLAN (802.1Q / 802.1P)
- . EAP 802.1x

## Security

- . AES (Advanced Encryption Standard) function (128-bit) and H.235
- . 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
- . HTTP and HTTPs

## 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 / EZMeetup Plus software/App
  - 30-day for free trial
  - Connect with H.264 and H.264 HP video codecs
  - Receive resolution up to full HD 1080p at 30fps
  - Transmit resolution up to full HD 1080p at 30fps
  - Support content sharing, capturing and recording
- . EZDraw App
  - Import .JPG, .PNG, .GIF and .BMP files
  - Export .PNG files
  - Connect up to 10 devices
- . ScreenShare software (Wirelessly share content)
- . VCLink software (control and sharing in smartphone)
- . Dual-monitor support output (video and content sharing)
- . Speed dialing via hot keys (10 sets)
- . Camera presets (100 positions)

- . Firmware updates via USB flash drive
- . Screensaver and auto power-off mode
- . Network Time Protocol (NTP)
- . SnapShot
- . Supports SIP voice calls
- . iSCSI storage device settings
- . Built-in meeting server
- . Supports AVer Register Server (ARS)
- . Far-end Camera Control
- . Meeting ID method

#### Power supply

- . AC 100V ~240V, 50/60 Hz
- . 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: 376 x 300 x 243 mm
- . Package weight: 6.99kg (15.41lbs)
- . Main system (codec): 320 x 262.7 x 37.2 mm
- . eCam PTZ IV: 180 x 144 x 184 mm
- . EVC microphone array: 131.9 x 118.6 x 25.5 mm

#### Optional accessories

- . Additional microphone
- . Camera mount
- . USB-to-RS232 converter

#### Software options

- . WebRTC License

#### Warranty\*

- . Camera/Codec/Microphone: 3+2 year
- . Accessories: 1 year

\*G.722.1/G.722.1C, licensed from Polycom®

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

\*\*Specifications may vary depending on countries and are subject to change without notice.

## Hardware specifications

eCam PTZ IV



Front panel



Back panel

