Product specifications

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 HD 1080p (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

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 formats)
EZMeetup / EZMeetup Plus software/App
-30-day 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
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
ScreenShare software (Wirelessly share content)
VCLink software (Control and Sharing in smartphone)
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

Security
AES (Advanced Encryption Standard)
function (128-bit) and H.235
Password protection for system settings
Password protection for remote system management

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

Web management tool
Remote management
Live monitoring
Firmware update
Phonebook download/upload/edit
Restore system settings
Export call history
HTTP and HTTPs

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

Environmental data
Operation temperature: 0 ~ 40℃
Operation humidity: 20 ~ 80%
Storage temperature: -20 ~ 60℃
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
3+2 year warranty
* G.722.1/G.722.1C, licensed from Polycom®
* Please register online to receive a free, two-year warranty.
  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

Power   USB   USB

Back panel

LAN   Mic in   VGA in   Audio out   HDMI out   DC in
  Camera in   HDMI in   Audio in   HDMI out   VGA out

Distributor/Dealer

www.aver.com

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201911

EVC170

Full HD Endpoint with a Built-In Meeting Server

The EVC170

delivers the best price–performance ratio in video conferencing. Its built-in meeting server that offers optimal unified video communication for medium-to-large meeting rooms.

HDMI

Full HD 1080P

PTZ

18X Total Zoom

Advancing Video Communication with a Built-In Meeting Server

Equipped with a built-in server, the EVC170 supports NAT Traversal, SIP Registrar, and Meeting ID for full compatibility with SIP, H.323, and WebRTC, providing users diverse and easy-to-use collaboration possibilities.

Superior Detail from 18X Total Zoom

The EVC170 features superior 18X total zoom, bringing a new level of clarity to video conferencing. Maximize your team's collaboration with the EVC170's simple, easy, and efficient video communication capability.

Focus Your Meeting with AVer SmartFrame

The EVC170 comes with AVer SmartFrame, which maximizes the viewable field with a one-click solution that quickly and effortlessly puts everyone into frame. No more complex settings or time-wasting controls.

Web Real-Time Communication (WebRTC)

The EVC170 supports instant real-time communication over web browsers (Chrome or Firefox) with WebRTC integration. Use WebRTC to share slides or set up live customer support without an expensive third-party service (license upgrade required).

Free Software Support

AVer's free software allows users to experience unlimited communication. Software options include EZMeetup, EZDraw , VCLink , VCPlayer , ScreenShare, and VCUtility.