AVer EVC150

Full HD Video Conferencing Endpoint

Package contents
- Main system unit (codec)
- eCam PTZ II Camera
- EVC microphone array
- IR remote control with batteries
- Power supply
- Cables
- Warranty card
- Quick guide

Communications
- H.323, SIP standards, SIP TLS
- Bandwidth from 64Kbps to 4Mbps (H.323/SIP)
- Minimum bandwidth 64Kbps (audio+video)
- Manual bandwidth selection (64, 128, 192, 256, 384, 512, 768, 1024, 1152, 1472, 1536, 1920, 2048, 3072, 4096 Kbps)
- RJ45 network LAN (10/100/1000)

Camera
eCam PTZ II:
- Pan/Tilt/Zoom camera
- 2-mega pixel CMOS sensor
- 18X total zoom (12X optical + 1.5X digital zoom)
- Autofocus lenses, with selectable zoom level
- ±130° pan; +90°/-25° tilt
- 72° FOV (H); 43° FOV (V); 82° FOV (diagonal)
- Operated by remote controller or remote application.
- Supports FAR/NEAR camera control

People video resolutions
- HD1080p (1920 x 1080)
- HD720p (1280 x 720)
- 480p (848 x 480)
- 4CIF (704 x 576)
- 4SIF (704 x 480)
- 360p (640 x 360)
- W288p (512 x 288)
- CIF (352 x 288)
- SIF (352 x 240)
- All resolutions at 30fps

Content video resolutions
Supported resolutions:
- WSXGA (1440 x 900)
- HD (1360 x 768)
- SXGA (1280 x 1024)
- QVGA (1280 x 960)
- WXGA (1280 x 800)
- XGA (1024 x 768)
- SVGA (800 x 600)

- VGA (640 x 480)

Output resolutions:
- HD720p (1280 x 720) 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 feature
- Upside-down (camera invert), White balance

Video inputs
- eCam PTZ II
- VGA

Video outputs
- HDMI
- VGA

Audio standards
- G.711, G.722, G.728, G.722.1, G.722.1C, AAC-LD

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

Audio inputs
- EVC microphone daisy chain up to 4 mics (with cable)
- 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, H.235, HTTP, HTTPs, Telnet, DHCP, DNS

User interface
- Multiple layout styles
- 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)

Product Datasheet

- Packet Loss Recovery (PLR)
- API support via Telnet
- Wake-on-LAN (WOL) support
- IPv4 and IPv6 support
- Quality of Service (QoS)
- Network test
- 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)
- Dual monitor support output (people video and content sharing)
- Speed dialing via hot keys (10 sets)
- Camera presets (100 positions)
- Network Time Protocol (NTP)
- Firmware update via USB flash driver
- Screensaver and auto power off mode
- Telnet access for management (control API)
- ScreenShare software (PC and MAC content sharing

via wifi/network infrastructure)
- VCLink software (APP for remote management and sharing)
- LDAP directory
- Supports SIP voice calls
- SnapShot save
- iSCSI storage device settings

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: 376 x 300 x 243mm
- Package weight: 6.49kg (14.31lbs)
- Main system (codec): 260 x 158.7 x 33mm
- eCam PTZ II: 180 x 144 x 184mm
- EVC microphone array: 131.9 x 118.6 x 25.5mm

Optional accessories

- Additional microphone
- Camera mount
- Replacement eCam PTZ camera
- USB-to-RS232 converter

Warranty

- 3+2 year warranty*

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

eCam PTZ II

Hardware specifications

Front panel

Back panel

Software Add-ons

VCLink

Video Conferencing Control and Sharing for your smartphone.

VCLink is a free app that transforms your mobile device into a fully functional remote control for your AVer Video Conference solution. Initiate a call, share content, pan, tilt, zoom, control far systems, set meetings to record, take snapshots and more right from your smart phone from anywhere in the world your service allows. Find "VCLink" from Apple or Android app store.

ScreenShare

Video Conferencing wirelessly share content

ScreenShare is a free download for Windows and Mac, AVer ScreenShare allows users to wirelessly share content from their laptop directly into a live meeting without having to connect a VGA cable. Presentations, images, videos and more can be shared to the meeting from anywhere in the room. Download "ScreenShare" from AVer's add-on software download center.

VCPlayer

Easily playback on PCs and notebooks, and convert files to .mp4 and .mov

View and manipulate recorded conferences of this specially designed video playback software. Watch video files recorded using AVer's exclusive one-touch recording feature and even change the layout during playback to catch details you might have otherwise missed. If you need to view the video using another media player, just convert the video from its original format to the more widely used .mov format.

WebTool

Manage the system via any browsers

With WebTool, select staff can use the Internet to access their AVer video conferencing systems. WebTool's camera control feature gives technical support staff the means to remotely access the camera / codec, and monitor what's happening in the call, to troubleshoot issues as quick and effectively as if they were in the meeting room. WebTool's remote monitoring feature supports video only.