

AVer EVC310

18x PTZ Video Conferencing Endpoint with 4 way Full HD MCU

Specifications

Communications

H.323 and SIP standards
128Kbps – 4Mbps per connection (up to 12Mbps for 4 way call)
RJ45 network LAN (10/100/1000)
Manual bandwidth settings
720p 30fps @ 512K and 1080p 30fps @ 1M with H.264HP

Camera

EVC PTZ camera II
- 2-megapixel CMOS camera
- Pan/tilt with 18x Total Zoom (12x optical, 1.5x digital)
- 72° FOV (Horizontal)
- ±130° pan; +90° -25° tilt

People video resolutions

HD1080p (1920 x 1080)
HD720p (1280 x 720)
480p (848 x 480)
QVGA(320 x 240)
CIF (352 x 288)
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/BFCP dual video streams

Video inputs

HD camera
VGA
DVI

Video outputs

HDMI x 2
VGA

Audio standards

G.711, G.722, G.722.1, G.728, G.722.1C

Audio features

Auto Gain Control (AGC)
Advanced noise reduction
Acoustic echo cancellation(AEC)
(can be disabled when use 3rd party microphone)

Audio inputs

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

Audio outputs

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

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%

Network

NAT / firewall traversal (H.460/SIP)
API support via Telnet
Wake-on-LAN (WOL) support
IPv4 and IPv6 support
Quality of service (QoS)
High Efficiency Lost Packet Recovery (HELPeR™)

Security

AES (Advanced Encryption Standard)
SRTP
Password protection for system settings
Password protection for remote system management

Web management tool

Remote management through the Web
Firmware update via Ethernet / Internet
Phonebook download / upload / edit
Restore system settings

Others supported standards

H.224, H.225, H.245, H.281, H.323 Annex Q, H.460

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

Package contents

Main system unit (codec)
EVC PTZ camera II
EVC microphone array
IR remote control with batteries
Power supply
Cables

Accessory (Standard)

Remote Control: IR type x 1
Mic Cable: Mini din 8pin; 5m x 1
HDMI: HDMI cable 1.5m x 1
Network: RJ45 cable 3m x 1
Camera cable: 6pin camera cable 3m x 1
Power: Power code 1.8m x 1; Power adapter x 1
VGA: VGA cable 1.8m x 1
DVI to HDMI adapter

Other features

Dual monitor support
Speed dialing via hot keys
Firmware update via Ethernet or USB flash drive
Screensaver and Auto Power Off mode
Front USB 2.0 ports
Integrated HD MCU connecting to 3 H.323/SIP sites

Software license upgradable to 10 ways

Recording offline event or meetings to USB flash drive
Auto dial up to 3 parties from phonebook
EZMeetup and EZDraw support
RS232 with optional adapter

Physical characteristics

Package dimensions: 376 x 300 x 243 mm
Package weight: 6.99kg (15.41 lbs)
Main system (codec): 320 x 262.7 x 37.2mm
EVC PTZ camera II: 170 x 145 x 180 mm
EVC microphone array: 131.9 x 118.6 x 25.5 mm

Warranty

3-year† parts and labor (return to factory, USA)

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*H.323 and SIP compatibility list available on averusa.com

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

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