

# 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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