

# AVer EVC300

16x PTZ Video Conferencing Endpoint with 4 way 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

### Camera

HD PTZ camera  
- 2-megapixel CMOS camera  
- Pan/tilt with 16X optical zoom  
- 67° FOV

### 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.263+, H.263  
H.239 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  
Advanced echo cancellation(AEC)

### Audio inputs

EVC microphone array  
Line-in (3.5 mm)

### 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) function  
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 (21 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)  
Display / edit site name

### Package contents

Main system unit (codec)  
HD PTZ camera  
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  
Recording offline event or meetings to USB flash drive

### Physical characteristics

Package dimensions: 378 x 297 x 224 mm  
Package weight: 5.985kg (13.194lbs)  
Main system (codec): 320 x 262.7 x 37.2mm  
eCam PTZ camera: 122.3 x 122.3 x 159.5 mm  
EVC microphone array: 131.9 x 118.6 x 25.5 mm

### Warranty

3-year<sup>†</sup> parts and labor (return to factory, USA)



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