EVC100
HD Video Conferencing System

The EVC100 is a highly cost-effective HD video conferencing solution, featuring real-time HD720p video streaming and content sharing, a wide-angle HD camera, microphone array, sleek UI and compact system design. In addition, EVC100's 3-year standard warranty and remarkably low total cost of ownership (TCO) translate into astounding ROI and great savings on large-scale projects.

HDMI™   3 YEAR WARRANTY

HD video & content sharing

Experience natural, real-time video communication on one monitor, transmitting and receiving video up to HD720p at 30fps, while sharing presentation files, animation, visualizer images and more at HD720p at 30fps on the other, creating a smooth, interactive video conferencing experience.

Wide-angle HD camera

88° wide angle

The high-definition fixed focus camera available standard with the EVC100 offers unparalleled wide-angle (88° FOV) capabilities, plus pan (±100°) and tilt (±25°) functionality, to ensure everyone in the meeting is seen as well as heard.

All-new microphone array

no ECHO

The sophisticated audio processing technology employed in EVC100's all-new microphone array and HD codec, like advanced noise reduction, automatic gain control and echo cancellation, produce crisp, true-to-life sound like no AVer video conferencing system before it.

Advanced network technology

HELPeR™

AVer's exclusive High Efficiency Lost Packet Recovery mechanism, or HELPeR™, ensures smooth audio and video streaming by calibrating call bandwidth and resolution, providing users with the best possible conferencing experience at any given time.

Handy integration & remote access tools

Access EVC100 remotely and troubleshoot issues in real-time using WebTool, AVer's web-based management platform. Leverage wake-on-LAN (WOL) to remotely power on EVC100 via a local network, or Telnet to integrate EVC100 with audio-visual equipment via LAN or the Internet.

EVC100 `Point-to-Point`
HD Video Conferencing Systems

Product specifications

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

Communications
- H.323 and SIP standards
- 64Kbps~4Mbps
- RJ45 network LAN (10/100/1000)
- Manual bandwidth settings

Camera
- Support for single camera
- EVC100 eCam Focus:
  - fixed focus pan/tilt camera
  - 2-megapixel CMOS sensor
  - 4X digital zoom
  - ±100° pan; ±25° tilt
  - 88° FOV (diagonal)

People video resolutions
- HD720p (1280 x 720)
- 480p (848 x 480)
- 4CIF (704 x 576)
- W288p (512 x 288)
- CIF (352 x 288)
- All resolutions at 30fps

Content video resolutions
- Supported resolutions:
  - WSXGA (1440 x 900)
  - HD (1360 x 768)
  - SXGA (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.263, H.263+, H.261
- H.239 dual video streams

Video inputs
- EVC eCam Focus camera
- VGA

Video outputs
- HDMI
- VGA

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

Audio features
- Automatic gain control (AGC)
- Advanced noise reduction
- Acoustic 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)

Other 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

Network
- 10/100/1000Mbps
- NAT/firewall traversal
- High Efficiency Lost Packet Recovery (HELPeR™)

- API support via Telnet
- Wake-on-LAN (WOL) support
- IPv4 and IPv6 support
- QoS

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

Web management tool
- Remote management through the Web
- Live monitoring via the Web
- Firmware update via Ethernet/Internet
- Phonebook download/upload/edit
- Restore system settings
- Network Test

Value-added features
- Speed dialing via hot keys (10 sets)
- Camera presets (10 positions)
- Network Time Protocol (NTP)

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%

Physical characteristics
- Package dimensions:
  330 x 230 x 265 mm
- Package weight:
  3.7kg (8.15lbs)
- Main system (codec):
  260 x 158.7 x 33 mm
- EVC100 eCam Focus camera:
  137.7 x 122.3 x 130 mm
- EVC microphone array:
  131.9 x 118.6 x 25.5 mm

Optional accessories
- Additional microphone
- eCam camera mount
- Replacement eCam Focus camera

Warranty
- 3-year standard warranty

* Only one camera can be used at a time.

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

Hardware specifications

Front panel
network status   USB

power

Back panel
DC 12V   camera in   audio out   VGA in   MIC in

USB   VGA out   HDMI out   audio in   network

Distributor/Dealer:

See the Video

www.aver.com