

## Product specifications

### Package contents

- Main system unit (codec)
- The New eCam PTZ III camera
- SVC microphone array
- IR remote control with batteries
- Power supply
- Cables
- Warranty card
- Quick guide

### Communications

- H.323, SIP standards, SIP TLS
- Microsoft Lync 2013, Skype for Business 2015
- Mixed protocols between H.323, SIP, Microsoft Lync 2013, Skype for Business 2015
- Bandwidth 64Kbps ~4Mbps
- R45 network LAN (10/100/1000)
- Manual bandwidth settings

### Camera

- eCam PTZ III camera
- 2-megapixel CMOS sensor
- 18X total zoom
- ±110° pan; +25°/-25° tilt
- 72° FOV (H); 43° FOV (V); 82° FOV (diagonal)

### People video resolutions

- HD1080p (1920 x 1080), up to 60fps
- HD720p (1280 x 720)
- 480p (848 x 480)
- 4CIF (704 x 576)
- CIF (352 x 288)
- SIF (352 x 240)
- All resolutions at 30fps

### Content video resolutions

- HDMI 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)
- 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) up to 60fps

### Video standards

- H.264, H.264 HP, H.264 SVC, H.263+, H.263, H.261
- H.239 dual video streams
- BFCP content sharing
- RTMP for live video streaming

### Video features

- 3D denoise

### Video inputs

- Main camera eCam PTZ III
- HDMI for 2nd camera
- DVI-I/VGA for presentation
- HDMI for presentation

### Video outputs

- HDMI x 2

### Audio standards

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

### Audio features

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

### Audio inputs

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

### Audio outputs

- HDMI x 2
- 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

### User interface

- Single/dual monitor 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

### Network

- Network
- 10/100/1000Mbps
- NAT/firewall traversal (H.460)
- High Efficiency Lost Packet Recovery (HELPeR™)
- API support via Telnet
- Wake-on-LAN (WOL) support
- IPv4 and IPv6 support
- Network test
- Quality of service (QoS)
- VLAN (802.1Q / 802.1P)
- EAP 802.1x

### Security

- AES (Advanced Encryption Standard) function (128-bit)
- 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

### 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)
- EZMeetup software/App

- 30-day for free trial
- Connect with H.264 video codec
- Receive resolution up to full HD 1080p at 30fps
- Transmit resolution up to full HD 1080p at 30fps
- Support content sharing, capture and recording

### EZDraw App

- Import .JPG, .PNG, .GIF and .BMP files
- Export .PNG files
- A maximum of 10 devices can be connected

### Dual monitor support

- Speed dialing via hot keys (10 sets)
- Camera presets (100 positions)
- Firmware update via USB flash drive
- Screensaver and auto power off mode
- Network Time Protocol (NTP)

### SnapShot

- Group calling
- Supports SIP voice calls
- ScreenShare software
- VCLink software
- Side by side of dual camera image
- iSCSI storage device settings

### Power supply

- AC 100V ~240V, 50/60Hz
- Consumption: EIAJ 12V, 6.25A

### Environmental data

- Operation temperature: 0 ~40°C
- Operation humidity: 20% ~80%
- Storage temperature: -20 ~60°C
- Storage humidity: 20% ~80%

### Physical characteristics

- Package dimensions: 422 x 336 x 374mm
- Package weight: 8.88kg
- Main system (codec): 320 x 267.4 x 37.3mm
- eCam PTZ III: 205 x 205 x 195mm
- SVC microphone array: 144.8 x 128.45 x 27.8mm

### Optional accessories

- Additional microphone
- Camera mount
- USB-to-RS232 converter

### Software options

- 2,4,6,8,10 multipoint license for up to maximum 16 sites

### Warranty

- 3+2 year standard warranty\*

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

\*\* Built-in 32G recording storage capacity (actual formatted capacity may be less).

# Orbit Series SVC100/SVC500

Full HD Endpoint / 6 Sites Video Conferencing System



## Hardware specifications

### Front panel



### Back panel



Distributor/Dealer

Exclusive multipoint  
Skype for Business connections

Exclusive multipoint connections  
between three protocols



### Brand New Future ID Design

The SVC series was endowed with a futuristic design; the stylish "orbit" theme can be seen on the camera, codec, microphone, and even the user interface. The SVC series conveys our product concept perfectly; it is the best choice for next-gen work space.



### RTMP for Live Video Streaming

Live streaming functionality is ready in SVC series. You could live stream video conferencing, presentation, speech, lecture, etc. with an easy setup. Furthermore, SVC series thinks one step ahead; the vital recording function is also just a click away.

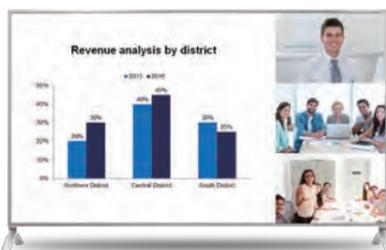


### H.323, SIP, and Skype for Business Support

The SVC series can receive and share content as well as live videos; The integrated Skype for Business provides endless collaborative communication possibilities. In addition, H.323 and SIP protocols are also integrated to empower the SVC series' multi-communication capabilities.

### Built-in 32G Recording Storage Capacity

No more fumbling around for a USB drive when you need to record a meeting; the SVC series is equipped with 32 GB of internal storage. In addition, iSCSI functionality is also available for cloud upload. You will never have to miss another event!



### Supports Dual-Camera/Dual-Presentation

More options are available on the SVC series. Now, you can choose to show the 1st camera, the 2nd camera, or both. The SVC series can also accept input from multiple sources. With two input sources available on the codec, users can choose to use HDMI, DVI/VGA, or both at the same time. The SVC series is capable of providing an unparalleled video conferencing experience!

### Supports License Upgrade up to 16 Sites

SVC series users can take advantage of our license upgrade program to expand from 1 point communication to up to 16 points. The system can be expanded easily to meet your company's growing communication needs.

