



STARVIEW
TECHNOLOGIES
Infinite Possibilities



STARVIEW SA-C360

STARVIEW VIDEO CONFERENCE SYSTEM

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DESCRIPTION

Video conferencing is an online technology that allows users in different locations to hold face-to-face meetings without having to move to a single location together. This technology is particularly convenient for business users in different cities or even different countries because it saves time, expenses, and hassles associated with business travel.

The Starview Video Conference System SA-C360 are complete solutions for organizations looking to easily convert any room into a video collaboration center. This high performance video systems provide everything you need to start collaborating and are customizable to meet the needs of any collaboration space from boardrooms, meeting rooms, offices and classrooms across all industries. Quick and stress-free installation so you can easily deploy these systems throughout the globe for a similar look and feel throughout the organization.

FEATURE

- The Starview Video Conference System SA-C360 is uses unique Avaya Collaboration Unit technology. It is also fully integrated with Avaya Cloud Office®, the cloud-based team collaboration and meeting tool.
- The Starview Video Conference System SA-C360 integrates a video conference system with full components: Codec, Camera PTZ, Omnidirectional Microphone.

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- The Starview Video Conference System SA-C360 is a complete turnkey solution for simplicity of ordering, shipping and installation: One part number for the entire integrated system.
- Sophisticated, innovative, stylish design: Solutions for the boardroom, meeting room or classroom,...etc.
- Quick, simple setup: Allows you to efficiently expand your communication possibilities.

CODEC SPECIFICATION

• Communications

- IP: H.323, SIP (RFC 3261)
- Bit rate: H.323, SIP: up to 4Mbps
- MCU compatibility: H.243, H.231
- XMPP Presence Server support

• Video Features

- 2 simultaneous channels: camera + content

• Video Protocols

- H.264, H.264 High Profile, SVC (Scalable Video Coding), H.263 + is supported with resolutions up to 4CIF@ 15fps.
- Only RFC2429 is supported. User-defined formats and attachments are not supported. Dual: H.239 (H.323); BFCP (SIP)

• Live-Video

- 1920 x 1080p at 25, 30fps
- 1280 x 720p at 25, 30fps
- 1024 x 576p at 25, 30fps: w576p
- 848 x 480p at 25, 30fps: w480p
- 768 x 448p at 25, 30fps: w448p
- 704 x 576p at 25, 30fps: 4CIF
- 704 x 480p at 25, 30fps: 4SIF
- 624 x 352p at 25, 30fps: w352p
- 576 x 336p at 25, 30fps
- 512 x 288p at 25, 30fps: wCIF
- 416 x 240p at 25, 30fps: w240p
- 400 x 224p at 25, 30fps
- 352 x 288p at 25, 30fps: CIF
- 352 x 240p at 25, 30fps: SIF

• Video Input

- Live video from built in camera up to 1920 x 1080 at 30fps
- Live video from additional IP RTSP Camera (including native PTZ) up to 1080p30
- Live video from additional USB cameras supported on USB A (including native PTZ), up to 720p30 resolution

• Video Output

- 1x HDMI at 3840 x 2160 at 25, 30fps; 1920 x 1080 at 25, 30fps; 1280 x 720 at 25, 30fps
- 1x HDMI via USB type C self-powered adapter 1920 x 1080 at 25, 30fps; 1280 x 720 at 25, 30fps

• Audio Features

- Acoustic echo cancellation
- Audio error concealment
- Automatic Gain Control (AGC)
- Automatic noise suppression

• Audio Protocols

- G.711
- G.719
- G.728 and G.729 A/B
- G.722, G.722.1, G.722.1 Annex C
- Opus

• Audio Inputs

- Bluetooth
- Mini-Jack Line-in and HDMI via the optional A/V grabber accessory
- USB Speaker-phone or headset

• Audio Outputs

- 1 x HDMI
- Bluetooth
- USB Speaker-phone or headset

• Content Sharing/ Web Collaboration Features

- Wireless presentation with Screen Link or Wi-Fi
- Display (Miracast), up to 1080p at 15 fps
- Present content using Android™ Apps and USB key
- Share content up to 1080p15fps through HDMI using the optional AV grabber connected to the USB port
- Supported laptop resolutions are as follows:
 - + 1920 x 1080 at 30, 50, 60fps
 - + 1680 x 1050 at 60fps
 - + 1280 x 1024 at 60fps
 - + 1280 x 720 at 50, 60fps
 - + 1024 x 768 at 60fps
 - + 800 x 600 at 60fps

• Collaboration Protocols

- Dual video: H.239 (H.323); BFCP (SIP)

• USB Ports

- 1 x USB-C
- 1 x USB3

• Network Features

- IPv4 and IPv6 simultaneous support Auto Gate-keeper discovery
- QoS support: IP Precedence, IP Type of Service (ToS), Differentiated Services (diffserv)

• IP Adaptive Packet Management

- Flow control
- Packet Loss based down-speeding
- Packet Loss recovery policies

• Network Protocols

- DHCP, DNS, HTTP, HTTPS, RTP/RTCP, RTMP/s, RTSP, NTP, STUN, TCP/IP, TELNET, TFTP, 802.1q/p/x

• Network Interfaces

- 10/100/1000 Base-T full-duplex (RJ-45) Wi-Fi (802.11 a/b/g/n, 802.11ac, Hotspot)

• User Interface

- 25 language on-screen user interface
- Infrared remote control
- API for endpoint control

• Directory Service & Address Book

- LDAP Client (H.350)

• Firewall Traversal

- Auto NAT discovery HTTP and STUN H.460.18, H.460.19
- “Keep Alive” packet time configurable

• Security Features

- Embedded encryption
- H.323 security - H.235v3/ Annex D
- SIP security - SRTP and TLS 1.2, enciphering up to AES-256
- SIP “Digest” authentication (MD5)
- RTP media enciphering with AES-256
- Public-Key including Diffie-Hellman (2048 bits), RSA (up to 4096 bits)
- Cryptographic hash(up to SHA-512)
- Web access via HTTPS
- Selective enable / disable of IP features
- White list support

• Meeting Recording

- Recording on USB key / disk
- Feature supported in call and out of a call
- Supported disks with file system FAT32, EXT2, EXT3, EXT4
- Recorded file resolution 720p25
- Control API commands available to transfer the recorded file to a remote FTP server
- Recording not supported when streaming
- Digital signature for recorded files

• Web Management

- Configuration, call, diagnostics and management functions are accessible with Internet Explorer 8.0+, Firefox 3.6+, Safari 5.0+, Chrome 11.0+, Opera 11+
- Automatic Firmware Upgrade through Cloud (OTA)

• Power Supply

- 100-240VAC, 50-60Hz, 2.5A max.
- Optional: PoE+ IEEE 802.3at. Isolated PoE splitter with output DC voltage +5,25V@3A (15,75W)

• Physical Characteristics

- 28.0cm (11.0") L x 5.5cm (2.2") W x 6.5cm (2.6") H

• Interoperability

- Calendar integration for third party cloud like Zoom, BlueJeans, Webex, Pexip
- Support to DingTalk SIP cloud service
- Support for Pexip Provisioning
- Run natively on the device Android™ apps such as Cisco Webex, Google Meet, Jitsi Meet8x8, Rainbow Alcatel, Avaya Spaces, Microsoft Teams, PEXIP, Zoom, Skype free IM & video calls, Skype for Business, Ring Central, Ring Central Meetings, Google Hangouts, StarLeaf, BlueJeans, GotoMeeting, Lifesize, Avaya Cloud Office® Rooms

CAMERA SC-C12HDB SPECIFICATION

- **Image Sensor:** 1/2.8" SONY CMOS
- **Effective Pixels:** 3.5 Megapixels
- **Video Output:** USB 3.0, RJ-45, HDMI
- **Video Format:** 1920x1080
- **Horizontal Field of View:** 72.5°
- **Focal Length:** f=3.9mm(W) - 46.8mm(F)
- **Optical Zoom:** 12x Zoom
- **Focus Mode:** Auto/ Manual
- **SNR:** ≥50db
- **White Balance:** Auto/ Indoor/ Outdoor/ Manual
- **Gain:** Auto/ Manual
- **Shutter Speed:** 1/1 ~ 1/10,000s
- **Signal System:** PAL/ NTSC
- **Image Effect:** Full color/ Black and white/ Image flip S/N
- **Pan:** ±177.5° (max speed: 80°/s)
- **Tilt:** 30° ~ -30° (max speed: 60°/s)
- **Exposure:** Auto
- **Control Protocol:** SONY VISCA PELCO P/D
- **Control Mode:** RS-232C, RS-422/485
- **Power:** 12V DC (10.8 ~ 13.0V DC)
- **Preset Position:** 9 preset positions by IR Remote, 255 preset positions by Keyboard



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MICROPHONE SC-MBT31 SPECIFICATION

- **Coverage:** Omni-directional Bluetooth microphone
- **Connection:** Bluetooth, USB 2.0
- **SNR:** ≥65dB
- **Sensitivity:** -38dB
- **Frequency Response:** 100 ~ 16,000 Hz
- **Noise level:** <48dBA
- **Maximum SPL:** 94dB
- **Echo cancellation:** Yes
- **Speaker:** 4Ω 5W
- **Sound Pick-up range:** Max 3 Meter, recommend: 2 Meter
- **Microphone output impedance:** ≤2.2kΩ
- **Input Voltage:** DC 5V
- **OS Compatibility:** Windows 7/ 8/ 10, XP, macOS x 10.7 or above, Android, etc.
- **Weight:** 252g



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