Highlights

- Efficient Full HD Performance

- Outstanding Value

- Intuitive and Easy-to-Use

- Embedded Multi-party Conferencing

- All-in-one Solution

Avaya Scopia® XT4300 Room System

Cost-Effective HD Video Collaboration

The Avaya Scopia® XT4300 offers outstanding value and cost-effective full HD video collaboration specifically designed for the needs of small and mid-size conference rooms as well as users that don't require all the features offered in Scopia advanced room system solutions. The Scopia XT4300 system is incredibly powerful and includes many features often found with costly upgrades in other vendor offerings.

The Scopia XT4300 is well equipped and includes dual HD 1080p/60fps live video and content, HD audio, H.264 High Profile and Scalable Video Coding (SVC), along with a wide-angle PTZ camera. A range of affordable options is available including an embedded four participant MCU delivering continuous presence multi-party conferencing, Scopia Desktop and Mobile collaboration, dual display support, and control via an Apple iPad device for enhanced meeting management. The Scopia XT4300 is a natural fit for today's businesses with a user interface built for simplicity and a modern design to complement any conference room.

deployment. A range of affordable options to enhance the system is also available.

Intuitive and Easy-to-Use

The Scopia XT4300 has been designed with the end user in mind. It delivers instant, intuitive and effective meeting control with little or no training required. With Microsoft Exchange calendar support, users can join meetings directly from the integrated system calendar. The advanced on-screen participants list gives leaders full meeting moderation. And to further extend its user functionality, the system is available with optional control via an Apple iPad device.

Embedded Multi-party Conferencing

The Scopia XT4300 offers optional embedded multi-party conferencing with support for up to four participants. This dedicated multipoint collaboration capability is always at the ready for impromptu group meetings in today's fast-paced business environment.

All-in-one Solution

The Scopia XT4300 is also offered as a unique all-in-one video conferencing solution combining its room system capabilities with embedded four-way multi-party conferencing, Scopia Desktop and Mobile for remote participants and bring your own device (BYOD) initiatives, along with firewall traversal into an easily deployed all-in-one video conferencing and collaboration solution.

With more than 100 years as a leader in communications, Avaya can help your company maximize productivity with the communications solutions specific to the needs of your workforce.

Efficient Full HD Performance

The Scopia XT4300 delivers efficient full HD performance featuring H.264 High Profile for bandwidth efficiency and H.264 SVC for high quality images, even in unpredictable network environments. The XT4300 also offers dual 1080p 60fps live HD video and HD content, HD audio and optional Apple iPad Multi-Touch control.

Outstanding Value

The Scopia XT4300 offers outstanding value including a comprehensive set of features that can be costly upgrades in other vendor offerings. Dual 1080p 60fps full HD video, H.264 High Profile, H.264 SVC, and a wide angle PTZ camera are all included for cost-effective video communications

Scopia XT4300 Specifications

Communications
- IP: H.323, SIP (RFC 3261)
- ISDN[1] Supported through Scopia Gateway
- Bit rate: H.323, SIP: up to 4/12[1] Mbps
- H.320: up to 2 Mbps
- MCU compatibility: H.243, H.231

Video
- 2 simultaneous 1080p 60fps channels: camera + content
- H.263, H.263+, H.263++, H.264, H.264 High Profile, H.264 SVC
- Dual: H.239 (H.323); BFCP (SIP)
- **HDMI input formats**
  1920 x 1080p @ 25, 30, 50, 60fps
  1280 x 720p @ 25, 30, 50, 60fps
  720 x 576p @ 50fps
  720 x 480p @ 60fps
  640 x 480p @ 60fps
- **Live video encoding formats**
  1920 x 1080p @ 25, 30, 50, 60fps
  1280 x 720p @ 25, 30, 50, 60fps
  1024 x 576p @ 25, 30fps: w576p
  848 x 480p @ 25, 30fps: w480p
  768 x 448p @ 25, 30fps: w448p
  704 x 576p @ 25, 30fps: 4CIF
  704 x 480p @ 25, 30fps: 4SIF
  624 x 352p @ 25, 30fps: w352p
  576 x 336p @ 25, 30fps
  512 x 288p @ 25, 30fps: wCIF
  416 x 240p @ 25, 30fps: w240p
  400 x 224p @ 25, 30fps
  352 x 288p @ 25, 30fps: CIF
  352 x 240p @ 25, 30fps: SIF
- **DVI input formats**
  1920 x 1080p @ 60fps
  1600 x 900p @ 60fps (digital only)
  1440 x 900p @ 60fps: WSXGA
  1280 x 1024p @ 60, 75fps: SXGA
  1280 x 960p @ 60, 85fps: SXGA

  1280 x 768p @ 60fps: WXGA
  1280 x 800p @ 60fps: WXGA
  1280 x 720p @ 60fps
  1024 x 768p @ 60, 70, 75 fps: XGA
  800 x 600p @ 60, 72, 75fps: SVGA
  640 x 480p @ 72, 75fps: VGA
- **PC content encoding formats:**
  Up to 1080p @ 60fps
- **HDMI output formats**
  1920 x 1080 @ 25, 30, 50, 60fps
  1280 x 720 @ 50, 60fps

Camera
- Resolution: 1080p 60fps
- Presets: 122
- Field of View (H): 16° - 70°
- PAN / Tilt: ± 100° / ± 25°
- Zoom (standard): 5x (optical)
- Zoom (optional): 5x optical, 3x digital, 15x total
- Far End Control: H.224, H.281

Recording[1]
- Recording on USB key / disk (with dual display systems, both displays show the same images while recording), not available with encrypted call
- USB disk formats: FAT32, EXT2, EXT3, EXT4
- Recording formats: MP4 file

Audio
- Acoustic echo cancellation
- Adaptive post filtering
- Audio error concealment
- Automatic Gain Control (AGC)
- Automatic noise suppression
- **Frequency response:**
  G.711: 300 – 3,400 Hz
  G.728: 50 – 3,400 Hz[1]
  G.729A: 50 – 3,400 Hz[1]

  G.722, G.722.1: 50 – 7,000 Hz
  G.722.1 Annex C: 50 – 14,000 Hz
  AAC-LD: 50 – 14,000 Hz
  AAC-LC: 50 – 14,000 Hz
  G.719: 50 – 20,000 Hz

Microphone
- 180° range
- Frequency response: 50 – 22,000 Hz

Audio/Video Interfaces
- **Video inputs**:
  1 x HDMI
  1 x DVI-I
- **Video outputs:**
  1 x HDMI for main display
  1 x HDMI for second display[1]
- **Audio inputs:**
  1 x HDMI
  1 x Microphone Array Pod (RJ-11)
  1 x 3.5 mm (1/8") line in jack for audio source (analog / digital with mini-TOSLINK adapter)
- **Audio outputs**:
  2 x HDMI (second output optional)
  1 x 3.5 mm (1/8") line out jack (analog / digital with mini-TOSLINK adapter)

USB Ports[2]
- 1 x USB2
- 1 x USB3

Network Features
- IPv4 and IPv6 simultaneous support
- Auto Gatekeeper discovery
- QoS support: IP Precedence, IP Type of Service (ToS), Differentiated Services (diffserv)
- Avaya NetSense bandwidth adaptation for high quality over unmanaged networks
- DTMF tones: H.245, RFC2833
- SNTP date and time synchronization
- **IP adaptive packet management**
  Flow control
  Packet Loss based down-speeding
  Packet Loss recovery policies

Network Protocols
- DHCP, DNS, HTTP, HTTPS, RTP/RTCP, SNTP, STUN, TCP/IP, TELNET, TFTP, 802.1Q, 802.1X

Network Interfaces
- 2 x 10/100/1000 Base-T full-duplex (RJ-45) (2nd GLAN is optional)

Scopia XT4300 Options
15x Zoom Upgrade (5x Optical, 3x Digital)
Second HD Display Support
4 Port Embedded 1080p30 MCU
Scopia Desktop & Mobile Support
Digital Microphone Array Pod
Recording on USB Key / Disk
Scopia Control Application for Apple iPad device
2nd GLAN Enable
Extended IP Bit Rate: Multipoint = 12 Mbps, P2P = 10/8 Mbps (SIP/H.323)
Advanced Audio Codec Pack (G.728 and G.729A)

Scopia XT4300 Specifications (cont.)

Firewall Traversal
- Auto NAT discovery HTTP and STUN
- H.460.18, H.460.19
- "Keep Alive" packet time configurable

Camera Interface
- VISCA RS232 for PTZ control (Mini-DIN 8-pin)

User Interface
- 24 language on-screen user interface
- Infrared remote control
- API for endpoint control
- Scopia Control application for Apple iPad device[1]
- Microsoft Exchange calendar integration

Directory Service & Address Book
- LDAP Client (H.350)
- Receive global address book from LDAP Server including Scopia Management

Multipoint Control Unit[1]
- H.323 and SIP mixed mode
- 4 HD continuous presence participants
- Support for Scopia Desktop and Mobile[1]
- Dial-in / Dial-out capabilities
- Encryption[3]
- Automatic continuous presence layouts
- Dual-video from any site

Security Features
- Embedded encryption[3]
- H.323 security per H.235v3/Annex D
- SIP security per SRTP and TLS, enciphering up to AES-256
- SIP "Digest" authentication (MD5)
- RTP media enciphering with AES-128
- Public-Key including Diffie-Hellman (1024 bits), RSA (up to 4096 bits)
- Cryptographic hash (up to SHA-512)
- Web access via HTTP
- API access via SSH
- Selective enable / disable of IP features

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+

Power Supply
- 100-240 VAC, 50-60 Hz, 2.5 A Max.

Physical Characteristics
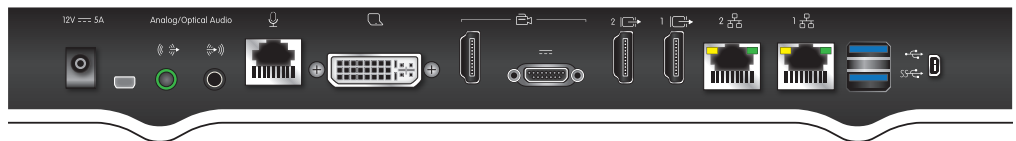- **Horizontal / Vertical Mounting:**
  W: 29.0 cm (11.4'')
  D: 16.5 cm (6.5'')
  H: 4.0 cm (1.6'')
  Weight: 2.4 kg (5.3 lb)
- **Camera**
  W: 26.7 cm (10.5'')
  H: 15.6 cm (6.1'')
  D: 12.4 cm (4.8'')
  Weight: 1.3 kg (2.8 lb)
- **Microphone Pod:**
  W: 12.0 cm (4.7")
  Weight: 0.4 kg (0.9 lb)

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[1] Optional.

[2] USB supports recording, firmware upgrade, USB to serial adapter for control, limited headsets and cameras (USB2 camera support).

[3] Encryption is subject to local regulations and in some countries is restricted or limited. Please contact your Avaya representative for details.

Learn More

To learn more and to obtain additional information such as white papers and case studies about the Avaya Scopia XT4300 Room System, please contact your Avaya Account Manager or Authorized Partner or visit us at **www.avaya.com**.

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