

# AVAYA

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## Avaya Scopia® XT4300 Room System

Cost-Effective HD Video Collaboration

### Highlights

- Efficient Full HD Performance
- Outstanding Value
- Intuitive and Easy-to-Use
- Embedded Multi-party Conferencing
- All-in-one Solution



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, dual display support, 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, 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.





communications 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, dual display support, H.264 High Profile, H.264 SVC, and a wide angle PTZ camera are all included for cost-effective video

# Scopia XT4300 Specifications

## Communications

- IP: H.323, SIP (RFC 3261)
- ISDN<sup>1</sup> Supported through Scopia Gateway
- Bit rate: H.323, SIP: up to 4/12<sup>1</sup> 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, 8x digital, 40x total
- Far End Control: H.224, H.281
- Ceiling mount and image vertical flip supported

## Recording<sup>1</sup>

- Recording on USB key / disk (with dual display systems, both displays show the same images while recording)
- 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<sup>1</sup>
  - G.729A: 50 - 3,400 Hz<sup>1</sup>

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

### • 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  
1 x 3.5 mm (1/8") line out jack (analog / digital with mini-TOSLINK adapter)

## USB Ports<sup>2</sup>

- 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

- 40x Zoom Upgrade (5x Optical, 8x Digital)
- 4 Port Embedded 1080p30 MCU
- Scopia Desktop & Mobile Support
- Scopia XT 3-way Microphone Array Pod
- Scopia Premium XT 3-way 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)

