



The Power of We™

Avaya Scopia® XT4200 Room System

Cost-Effective HD Video Collaboration

Highlights

- Efficient HD Performance
- Outstanding Value
- Intuitive and Easy-to-Use
- Sleek and Elegant Design
- Integrated Total Solution



The Avaya Scopia® XT4200 offers outstanding value and cost-effective HD video collaboration specifically designed for the needs of smaller and mid-sized conference rooms as well as customers who don't require all the high-end features offered in the Scopia XT5000. The system is nonetheless incredibly powerful with many features often found with costly upgrades in other vendor offerings.

The Scopia XT4200 is well equipped and includes dual 720p/60fps live video and content, HD audio, H.264 High Profile and Scalable Video Coding (SVC), dual display support and a wide-angle PTZ camera. The user interface is designed for simplicity along with optional Multi-Touch control via the Apple iPad device for enhanced capabilities.





Intuitive and Easy-to-Use

The Scopia XT4200 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 the Apple iPad device.

Sleek and Elegant Design

The Scopia XT4200 is a natural fit for today's businesses, not only for its ease of use, but also its modern design that complements a conference room. Finally a powerful business system to put on display and not keep hidden in the closet.

Integrated Total Solution

The Scopia XT4200 room system complements the total Avaya video conferencing and collaboration solution including the Scopia XT Executive 240 premium desktop system, Scopia Desktop and Scopia Mobile applications for users on-the-go, Scopia Elite delivering multi-party communications and Scopia Management for administration of the entire deployment. Scopia solutions also offer integration with UC solutions from Avaya and others.

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 HD Performance

The Scopia XT4200 delivers efficient HD performance featuring H.264 High Profile for bandwidth efficiency and H.264 SVC for high quality images, even in unpredictable network environments. The XT4200 also offers dual 720p 60fps live HD video and HD content, HD audio and optional Apple iPad Multi-Touch control.

Outstanding Value

The Scopia XT4200 is well-equipped and offers outstanding value including many features that can be costly upgrades in other vendor offerings. Dual 720p 60fps HD video, H.264 High Profile, H.264 SVC, dual display support, and a wide angle PTZ camera are all included for cost-effective video communications deployment.

Scopia XT4200 Specifications

Communications

- IP: H.323, SIP (RFC 3261)
- ISDN¹ Supported through Scopia Gateway
- Bit rate: H.323, SIP: up to 4/6¹ Mbps
- H.320: up to 2 Mbps
- MCU compatibility: H.243, H.231

Video

- 2 simultaneous 720p 60fps channels: camera + content
- H.263, H.263+, H.263++, H.264, H.264 High Profile, H.264 SVC
- Dual video: 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**
1280 x 720p @ 25, 30, 50, 60fps
1024 x 576p @ 25, 30fps: w576p
768 x 448p @ 25, 30fps: w448p
704 x 576p @ 25, 30fps: 4CIF
704 x 480p @ 25, 30fps: 4SIF
576 x 336p @ 25, 30fps
512 x 288p @ 25, 30fps: wCIF
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 DVI input formats @ 60fps (scaled to 720p 60fps when exceeding such resolution)
- **HDMI output formats**
1280 x 720 @ 50, 60fps

Camera

- Resolution: 720p 60fps
- Presets: 122
- Field of View (H): 16° - 70°
- PAN / Tilt: ± 100° / ± 25°
- Zoom (standard): 5x (optical)
- Zoom (optional): 10x optical, 4x digital, 40x total
- Far End Control: H.224, H.281

Recording¹

- 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 Hz¹
G.729A: 50 - 3,400 Hz¹
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:**
2 x HDMI for dual 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 Ports²

- 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 XT4200 Options
40x Zoom upgrade (10x Optical, 4x Digital)
Scopia Control Application for Apple iPad
2nd GLAN Enable
6 Mbps Extended IP Bit Rate
Advanced Audio Codec Pack (G.728 and G.729A)
Digital Microphone Array Pod
Recording on USB Key / Disk

Support Services

Avaya offers a full set of services to help maximize a video investment. Strategic and technical consulting along with deployment and customization services help ensure that video collaboration rollouts are successful and aligned to business requirements.

Avaya Video Support Services maximizes up time with software updates, upgrades, remote maintenance and expert repairs.

Video Managed Services enable organizations to enjoy a predictable, high-quality video collaboration experience that drives optimal levels of user adoption on any size deployment.

About Avaya

Avaya is a global provider of business collaboration and communications solutions, providing unified communications, contact centers, networking and related services to companies of all sizes around the world. For more information please visit www.avaya.com.

Scopia XT4200 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 device¹
- Microsoft Exchange calendar integration

Directory Service & Address Book

- LDAP Client (H.350)
- Receive global address book from LDAP Server including Scopia Management

Security Features

- Embedded encryption³
- 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 2048 bits)
- Cryptographic hash (up to SHA-512)
- Web and console access HTTPS, SSH
- Selective enable / disable of IP features

Web Management

- Configuration, call, diagnostics and management functions are accessible with Internet Explorer 7.0+, Firefox 3.0+, Safari 3.0+, Chrome 16.0+

Power Supply

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

Physical Characteristics

• Horizontal / Vertical Mounting:

- W: 29 cm (11.4”)
- D: 16.5 cm (6.5”)
- H: 4 cm (1.6”)
- Weight: 2.4 kg (5.3 lb)

• Camera

- W: 25.0 cm (9.8”)
- H: 15.2 cm (6.0”)
- D: 13.5 cm (5.3”)
- Weight: 1.6 kg (3.5 lb)

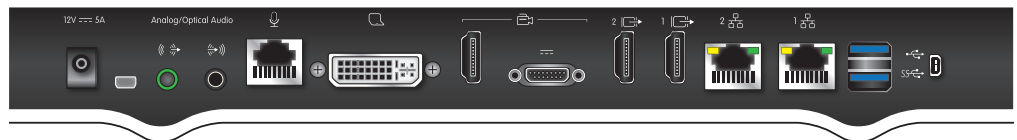
• Microphone Pod:

- W: 12.0 cm (4.7”)
- Weight: 0.4 kg (0.9 lb)

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 XT4200 Room System, please contact your Avaya Account Manager or Authorized Partner or visit us at www.avaya.com.

