



The Power of We™

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 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 that can be 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 for enhanced capabilities.





Intuitive and Easy-to-Use

The Scopia XT4200 user interface is designed to deliver a simplified end-user experience. It leverages design principles of Avaya's award-winning iPad and iPhone applications and enables instant, intuitive and effective control - with minimal training required. For an enhanced user experience, the XT4200 is available with optional Multi-Touch control via the Apple iPad.

Sleek and Elegant Design

The Scopia XT4200's refinement and polish go beyond the user experience to the sleek and elegant hardware design of the system. The 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 hide in the closet.

Integrated Total Solution

The Scopia XT4200 room system complements Avaya's total video conferencing and collaboration solution including the 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 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, wide angle PTZ camera - are all included for cost-effective video communications deployment.

Scopia XT4200 Specifications

Communications

- IP: H.323, SIP (RFC 3261)
- ISDN (1) Supported through Scopia Gateway
- Bit rate: H.323, SIP: up to 4/6(1) 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 (both using Baseline and High Profile)
- 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:

- Same as 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

Recording (1)

- Meeting recording on USB key / disk (with dual display systems, both displays show the same images while recording)

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: 50 - 7,000 Hz
- G.722.1: 50 - 7,000 Hz
- G.722.1 Annex C: 50 - 14,000 Hz
- AAC-LD: 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
- 1 x USB2 (2)

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:

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

Network Features

- IPv4 and IPv6 simultaneous support
- Auto Gatekeeper discovery
- QoS support: IP Precedence, IP Type of Service (ToS), Differentiated Services (diffserv)
- **IP adaptive packet management including:**
 - Flow control
 - Packet Loss based down-speeding
 - Packet Loss recovery policies
- DTMF tones: H.245, RFC2833
- SNTP date and time synchronization

Network Protocols

- TCP/IP, TELNET, HTTP, HTTPS, DNS, DHCP, RTP/RTCP, STUN, SNTP, TFTP

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

