

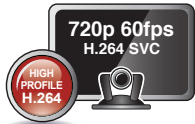
# SCOPIA XT4200

*Cost-Effective HD Video Communication*



## 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 are either unavailable or 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.



## Intuitive and Easy-to-Use

The SCOPIA XT4200 user interface is designed to deliver a simplified end-user experience. It leverages design principles of RADVISION's award-winning iPad and iPhone applications and enables instant, intuitive and effective control - no 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 RADVISION's total video conferencing solution including the VC240 executive HD desktop system, SCOPIA Desktop and SCOPIA Mobile for users on-the-go, SCOPIA Elite for multi-party communications and SCOPIA iVIEW Management Suite. SCOPIA solutions also offer integration with UC solutions from IBM, Microsoft and others.



# SCOPIA XT4200 Specifications

## Communications

- IP: H.323, SIP (RFC 3261)
- ISDN<sup>1</sup> Supported through SCOPIA Gateway
- Bit rate: H.323, SIP: up to 6/12<sup>1</sup> Mbps  
H.320: up to 2 Mbps
- MCU compatibility: H.243, H.231

## Video

- 2 simultaneous 720p 60fps channels: camera + content
- H.263<sup>2</sup>, H.263+<sup>2</sup>, H.263++<sup>2</sup>, H.264, H.264 High Profile, H.264 SVC
- Dual video: H.239 (H.323); BFCP (SIP)

## HDMI input formats

- 1920 x 1080 @ 25, 30, 50, 60fps
- 1280 x 720 @ 25, 30, 50, 60fps
- 720 x 576 @ 50fps
- 720 x 480 @ 60fps
- 640 x 480 @ 60fps

## Live video encoding formats

- 1280 x 720 @ 25, 30, 50, 60fps: HD720p 25, 30, 50, 60fps
- 1024 x 576 @ 25, 30fps: w576p
- 768 x 448 @ 25, 30fps: w448p
- 704 x 576 @ 25, 30fps: 4CIF
- 704 x 480 @ 25, 30fps: 4SIF
- 576 x 336 @ 25, 30fps
- 512 x 288 @ 25, 30fps: wCIF
- 400 x 224 @ 25, 30fps
- 352 x 288 @ 25, 30fps: CIF
- 352 x 240 @ 25, 30fps: SIF

## DVI input formats

- 1920 x 1080 @ 25, 30, 50, 60fps
- 1440 x 900 @ 60fps: WSXGA
- 1280 x 1024 @ 60fps: SXGA
- 1280 x 720 @ 25, 30, 50, 60fps
- 1280 x 768 @ 60fps: WXGA
- 1024 x 768 @ 60fps: XGA
- 800 x 600 @ 60fps: SVGA
- 640 x 480 @ 60fps: 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 @ 25, 30, 50, 60fps

## Camera

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

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

## Microphone

- 180° range
- Frequency response: 50 – 20,000 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 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)

## 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

- 21 language on-screen user interface
- Infrared remote control
- API for endpoint control
- SCOPIA Control application for Apple iPad<sup>1</sup>

## Directory Service & Address Book

- LDAP Client (H.350)
- Receive global address book from LDAP Server including SCOPIA iVIEW<sup>2</sup>

## Security Features

- Embedded encryption
- Key generation and exchange with Public-Key Cryptography (Diffie-Hellman), (H.323, SIP)
- H.235 AES 128 Confidentiality for RTP media
- H.235 MD5 Authentication
- H.235 Authentication and Integrity (H.235v3/Annex D)
- Digest Authentication
- Microsoft NTLM Authentication and Session Security (SSP)
- 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+

## Options

- SCOPIA Control application for Apple iPad
- 2nd GLAN
- 12 Mbps Extended IP Bit Rate
- G.728 Audio

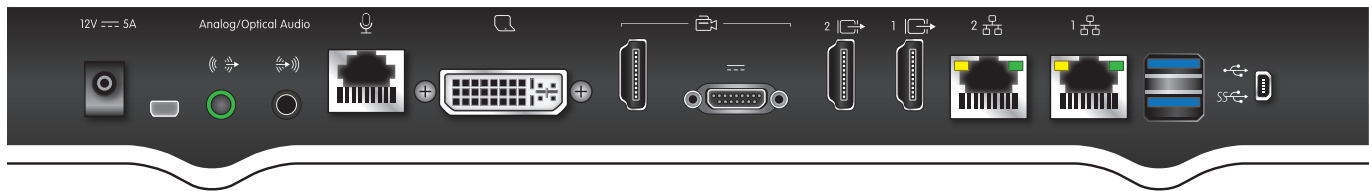
## Power Supply

- 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. Available with future software update



## About Radvision

Radvision, an Avaya company, is a leading provider of video conferencing and telepresence technologies over IP and wireless networks. We offer end-to-end visual communications that help businesses collaborate more efficiently. Together, Radvision and Avaya are propelling the unified communications evolution forward with unique technologies that harness the power of video, voice, and data over any network. [www.radvision.com](http://www.radvision.com)

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\* Images of SCOPIA XT4200 components may vary from the actual product.

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