

# Scopia XT Executive 240

## Premium Performance Desktop



The Scopia XT Executive 240 transforms an individual's office into a high performance multi-party virtual meeting room



### **Integrated Desktop Video Conferencing & PC Display**

The Scopia XT Executive's 24" full HD LED display, HD camera, high fidelity speakers, echo cancelling microphone, and advanced video conferencing platform provide an elegant all-in-one desktop video conferencing system and PC display. The modern design of the XT Executive complements any executive's desktop.



### **Exceptional HD Experience**

HD 1080p for highly detailed content sharing and available simultaneous 1080p video deliver an outstanding experience. H.264 High Profile provides ultimate bandwidth efficiency and H.264 Scalable Video Coding (SVC) offers high performance over congested networks. The XT Executive delivers an exceptional experience for real-world user applications and network conditions.



### **Intuitive and Easy-to-Use**

Making video calls is easy, instant and intuitive with no training required. The XT Executive is fully integrated with PCs and Macs thanks to a simple to use application that provides complete control from a computer. A user friendly wireless remote is also included for traditionalists, and for a Multi-Touch experience, the XT Executive can be enabled for management by the Apple iPad.



### **Embedded Multi-Party Conferencing**

The Scopia XT Executive offers optional embedded multi-party conferencing with support for up to 4 remote 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 Conferencing Solution**

The Scopia XT Executive 240 is also offered as a unique all-in-one video conferencing solution combining the XT Executive's video capabilities with embedded 4-way multi-party conferencing, Scopia Desktop and Mobile conferencing for remote participants and BYOD initiatives, along with firewall traversal into an easily deployed all-in-one video conferencing and collaboration solution.

# Scopia XT Executive 240 Specifications

## Display

- Screen size: 23.6" widescreen
- LED technology
- Native resolution: 1920 x 1080 (16:9, 1080p)
- Viewing angle: 170/160° (typical)
- Brightness: 250cd/m<sup>2</sup> (typical)
- Contrast ratio: 1000:1 (typical)
- Response time: 2ms
- Swivel stand

## 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 channels: 720p camera + 1080p 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 format for auxiliary camera**  
1920 x 1080 @ 25, 30, 50, 60fps<sup>1</sup>  
1280 x 720 @ 25, 30, 50<sup>1</sup>, 60fps<sup>1</sup>  
720 x 576 @ 50fps  
720 x 480 @ 60fps  
640 x 480 @ 60fps
- **Live video encoding formats**  
1920 x 1080 @ 25, 30, 50, 60fps: HD1080p25, 30, 50, 60<sup>1</sup>  
1280 x 720 @ 25, 30, 50, 60fps: HD720p25, 30, 50, 60  
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

## Camera

- Resolution: 720p30 (optional 1080p30)
- Field of View (H): 78°

## 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: 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

## Integrated Microphone

- 180° range
- Frequency response: 50 – 10,000 Hz

## Integrated Speakers

### Audio/Video Interfaces

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

## Auxiliary Camera Interface

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

## User Interface

- Direct control from keyboard and mouse through PC/Mac application
- Control from iPad<sup>1</sup>
- 21 language on-screen user interface
- Infrared remote control
- API for endpoint control

## Far End Camera Control

- H.224, H.281

## Directory Service & Address Book

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

## Embedded HD Multipoint Control Unit<sup>1</sup>

- H.323, SIP and H.320 mixed mode
- 4 HD continuous presence participants
- Support for Scopia Desktop and Mobile<sup>1</sup>
- Dial-in / Dial-out capabilities
- Encryption
- Automatic continuous presence layouts
- Dual-video from any site (H.323, H.320)

## Security Features

- Embedded encryption<sup>2</sup>
- 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

- 4 Port Embedded 720p60 MCU (upgradable to 1080p30 with 1080p upgrade license)
- Support for Scopia Desktop and Mobile
- Scopia Control application for Apple iPad
- Auxiliary Premium 720p60 Camera (upgradable to 1080p60 with 1080p upgrade license)
- 1080p upgrade (30fps with embedded camera, 60fps with optional HDMI camera)
- Digital Microphone Array Pod
- 12 Mbps Extended IP Bit Rate
- Advanced Audio Codec Pack (G.728 and G.729A)
- 2nd GLAN enable

## Power Supply

- 100 - 240VAC, 50 - 60Hz, 1A

## Physical Characteristics

- Height: 49.5 cm (19.5")
- Width: 54.5 cm (21.5")
- Depth: 25 cm (9.9")
- Weight: 10 kg (22.1 lb)

1. Optional

2. Encryption is subject to local regulations and in some countries is restricted or limited. Please contact your Radvision representative for details.

## 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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