

SCOPIA XT1000 Series

Mai più compromessi



Esperienza video di prima classe

Lo SCOPIA XT1000 offre trasmissioni video in full HD (1080 p 30 fps) standard, questo vi consentirà di non dover scendere a compromessi per quanto riguarda la qualità video.

La telecamera PTZ ad alte prestazioni è caratterizzata dallo zoom ottico 10x e dal grandangolo in modo da poter visualizzare sia i dettagli di ripresa che l'intero gruppo presente in sala conferenze. Un'ulteriore telecamera da 1080 p può essere utilizzata per inviare una trasmissione video separata a 1080 p per una completa copertura ambientale.



Percezione di ogni sfumatura audio

Il pod microfonico a tre vie di SCOPIA XT1000 usa la tecnologia "beam forming" per isolare il parlatore attivo da ogni rumore di sottofondo. Due pod microfonici possono essere installati in cascata, per coprire sale riunioni più grandi. È usata la codifica audio a 48 kHz (full band) per assicurare trasmissioni audio di grande chiarezza senza perdita di qualità.



Condivisione dati ad alta velocità

Finalmente, i partecipanti remoti possono vedere i dati condivisi come se si trovassero con voi nella stessa sala riunioni, in tutti i loro dettagli originali. SCOPIA XT1000 supporta la condivisione dati PC a 1080 p 30 fps, consentendo così la condivisione di presentazioni e persino clip video senza alcuna perdita di qualità.



Funzione di multiconferenza HD integrata

La multiconferenza RADVISION è integrata in SCOPIA XT1000. Riunioni in Alta definizione, in continuous presence fino a 9 partecipanti sono ora più che mai possibili utilizzando la MCU integrata in SCOPIA XT1000.



Specifiche tecniche

Communications

- IP: H.323, SIP (RFC 3261)
- ISDN¹ Supported through SCOPIA Gateway "peer-to-peer" automatic mode
- Bit rate: H.323, SIP: up to 4/12¹ Mbps
H.320: up to 2 Mbps
- MCU compatibility: H.243, H.231

Video

- 2 simultaneous 1080p30 channels: camera + auxiliary camera¹ or camera + content
- H.261, H.263, H.263+, H.263++, H.264
- Dual video: H.239 (H.323); BFCP (SIP)
- **HDMI input formats**
1920 x 1080 @ 25, 30fps
1280 x 720 @ 25, 30, 50, 60fps
720 x 576 @ 50fps
720 x 480 @ 60fps
640 x 480 @ 60fps
- **Live video encoding formats**
1920 x 1080 @ 25, 30fps: HD1080p25, 30
1280 x 720 @ 25, 30, 50, 60fps: HD720p25, 30, 50², 60²
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 1200 @ 60fps: WUXGA
1920 x 1080 @ 25, 30, 50, 60fps
1600 x 1200 @ 60fps: UXGA
1440 x 900 @ 60fps: WSXGA
1280 x 1024 @ 60, 75fps: SXGA
1280 x 720 @ 25, 30, 50, 60fps
1280 x 768 @ 60fps: WXGA
1024 x 768 @ 60, 70, 75fps: XGA
800 x 600 @ 56, 60, 72, 75fps: SVGA
640 x 480 @ 60, 67, 72, 75fps: VGA
- **PC content encoding formats:**
Same as DVI input formats @ 30fps
- **HDMI output formats**
1920 x 1080 @ 25, 30fps
1280 x 720 @ 25, 30, 50, 60fps
1920 x 1080 @ 50, 60fps interlaced
(for compatibility with some monitors)

HD Camera

- Resolution: 1920 x 1080
- Presets: 122
- Field of View (H): 8° - 74°
- PAN / Tilt: ± 100° / ± 25°
- Zoom: 10x (optical)
- Far End Camera Control: H.224, H.281
- Support for Sony[®] EVI HD7 Camera^{1,2}

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 Hz
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
AAC-LD: 50 – 14,000 Hz

Digital Microphone Array Pod

- 360° range
- Frequency response: 50 – 22,000 Hz
- Mute button
- Up to 2 cascaded pods

Audio/Video Interfaces

- **Video inputs:**
2 x HDMI (Up to 1080p30)
1 x DVI-I (Up to 1920x1200 WUXGA, includes VGA cable adapter)
- **Video outputs:**
2 x HDMI (Up to 1080p30) for dual display
- **Audio inputs:**
2 x HDMI
1 x SPDIF (RCA)
1 x Microphone Array Pod (RJ-11)
- **Audio outputs:**
2 x HDMI
1 x SPDIF (RCA)

Network Features

- IPv4 and IPv6 simultaneous support
- Auto Gatekeeper discovery
- QoS support: IP Precedence, IP Type of Service (ToS)
- 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

- 1 x 10/100/1000 Base-T full-duplex (RJ-45)
- 1 x 10/100 Base-T full-duplex (RJ-45)¹

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 camera control (Mini-DIN 8-pin)

User Interface

- 21 language on-screen user interface
- Infrared remote control
- API for endpoint control

Directory Service & Address Book

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

Embedded HD Multipoint Control Unit¹

- H.323, SIP and H.320 mixed mode
- 4 / 9 HD Continuous Presence participants
- Support for SCOPIA Desktop Client¹
- Dial-in / Dial-out capabilities
- Encryption
- Automatic Continuous Presence layouts
- Dual-video from any site (H.323, H.320)

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[®]+

Options

- 4 / 9 Port Embedded MCU
- Additional 1080p 30fps Camera
- Support for SCOPIA Desktop Client
- Sony[®] EVI HD7 60fps Camera
- SCOPIA Control application for Apple iPad
- Additional Digital Microphone Array Pod
- 12 Mbps Extended IP Bit Rate
- G.728 Audio
- 1 x 10/100 Base-T full-duplex (RJ-45)

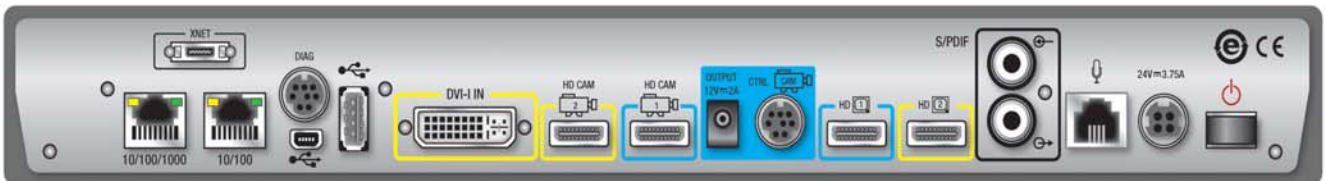
Power Supply

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

Physical Characteristics

- Horizontal / Vertical Mounting:
W: 37.8 cm (14.9") 16.1 cm (6.3")
H: 5.0 cm (2.0") 39.8 cm (15.7")
D: 18.3 cm (7.2") 20.5 cm (8.1")
Weight: 3.3 kg (7.3 lb) 3.9 kg (8.6 lb)
- Camera / 60 fps Optional Camera:
W: 15.3 cm (6.0") 25.0 cm (9.8")
H: 18.0 cm (7.1") 15.2 cm (6.0")
D: 15.6 cm (6.1") 13.5 cm (5.3")
Weight: 1.3 kg (2.9 lb) 1.6 kg (3.5 lb)
- Microphone Pod:
W: 14.0 cm (5.5")
Weight: 0.3 kg (0.7 lb)

1. Optional
2. 720p60 receive standard, transmit requires optional camera



GECOM

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