The Avaya Room System XT4300 offers outstanding value and cost-effective full HD video collaboration specifically designed for the needs of small and mid-size conference rooms. Incredibly powerful, the system includes many features often found with costly upgrades in other vendor offerings.

The XT4300 is well equipped and includes dual HD 1080p 60fps live video and content sharing, dual display support, HD audio, H.264 High Profile and Scalable Video Coding (SVC) for network efficiency and error resiliency, along with a wide-angle PTZ camera for group participation. A range of affordable options is available including an embedded four participant MCU delivering continuous presence multi-party conferencing, desktop and mobile collaboration, and control via an Apple iPad or iPhone for enhanced meeting management. A variety of cameras is also available for flexibility in meeting specific installation requirements.

The XT4300 is a natural fit for today’s businesses with a user interface built for simplicity and a modern design to complement any conference room.

**Efficient Full HD Performance**

The XT4300 delivers efficient full HD performance featuring H.264 High Profile for bandwidth efficiency and H.264 SVC for high quality images, even in unpredictable network environments. The XT4300 also offers dual 1080p 60fps HD video and content sharing, along with HD audio.

**Outstanding Value**

The XT4300 offers outstanding value including a comprehensive set of features that can be costly upgrades in other vendor offerings. Dual 1080p 60fps full HD video, dual display support, H.264 High Profile, H.264 SVC, and a wide angle PTZ camera are all included for cost-effective video communications. A range of affordable options to enhance the system is also available.
Intuitive, Easy to Use

The XT4300 delivers intuitive meeting control with little or no training required. With Microsoft Exchange calendar support, users can join meetings directly from the integrated calendar. The on-screen participant list gives leaders full meeting moderation, and with Avaya Screen Link, users can wirelessly present content from their laptops. Avaya Mobile Link enables seamless meeting transitions with your Avaya Workplace mobile application, while Apple iPad® or iPhone® control makes the system even easier to use.

Embedded Multi-party Conferencing

The XT4300 offers optional embedded multi-party continuous presence conferencing with support for up to four participants. This dedicated multipoint collaboration capability is always at the ready for impromptu group meetings in today’s fast-paced business environment and requires no external bridging capabilities or services.

All-in-one, Easy to Deploy

The XT4300 is offered as a unique all-in-one video meeting solution combining its room system capabilities with embedded 4-way multiparty conferencing, along with desktop and mobile connectivity for remote participants including firewall traversal. Cascading to additional XT systems enables even larger meetings. The system can also be automatically configured with minimal user intervention. A provisioning code entered at startup configures the XT4300 with a profile created through Avaya Workplace, enabling deployment without technical resources.

Highlights

- Efficient Full HD Performance
- Outstanding Value
- Intuitive, Easy to Use
- Embedded Multi-party Conferencing
- All-in-one, Easy to Deploy
# Available Cameras

<table>
<thead>
<tr>
<th>Camera Model</th>
<th>Advanced Camera II 20x 1080p60</th>
<th>Deluxe Camera 12x 1080p60</th>
<th>Flex Camera 5x 1080p60</th>
<th>HC020 2160p30</th>
<th>HC050 12x 1080p30</th>
<th>Tracking Camera TC220</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Image device</strong></td>
<td>Exmor CMOS 1/2.8&quot;</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>4K@20/25CMOS1/2.5&quot;</td>
<td>CMOS1/3&quot;</td>
<td>CMOS1/2.8&quot;</td>
</tr>
<tr>
<td><strong>Video Formats with laptop</strong></td>
<td></td>
<td></td>
<td></td>
<td>2160p30/25</td>
<td>1080p30/25</td>
<td>-</td>
</tr>
<tr>
<td><strong>Video Formats with XT</strong></td>
<td>1080p60/50/30/25 720p60/50/30/25</td>
<td>1080p60/50/30/25 720p60/50/30/25</td>
<td>1080p30 / 720p30</td>
<td>1080p30 / 720p30</td>
<td>1080p60/50/30/25, 720p60/50</td>
<td></td>
</tr>
<tr>
<td><strong>Video signal</strong></td>
<td>Uncompressed on HDMI</td>
<td>Uncompressed on HDMI</td>
<td>Uncompressed on HDMI</td>
<td>Compressed (H.264) on USB or uncompressed on HDMI</td>
<td>Compressed (H.264) on USB</td>
<td>Compressed (H.264 &amp; H.265) or uncompressed on HDMI &amp; 3G-SDI</td>
</tr>
<tr>
<td><strong>Focal Length</strong></td>
<td>f=4.7 ~ 94 mm F1.6 to F3.5</td>
<td>f=3.9 to 46.8 mm, F1.6 to F2.8</td>
<td>f=3.9 ~ 19.5 mm, F1.6 to F2.5</td>
<td>f=2.8mm</td>
<td>F3.5mm ~ 42.3mm, F1.8 ~ F2.8</td>
<td>f = 3.9 ~ 46.8 mm F1.6 ~ F2.8</td>
</tr>
<tr>
<td><strong>Min object distance (wide)</strong></td>
<td>1000(Wide) ~ 1500(Tele) mm</td>
<td>500mm (20inches)</td>
<td>500mm (20inches)</td>
<td>500mm</td>
<td>1000(Wide) - 1000(Tele) mm</td>
<td></td>
</tr>
<tr>
<td><strong>Min illumination</strong></td>
<td>1.0 lux (F1.6, 50IRE, 60fps)</td>
<td>0.5 lux (F1.6, 50IRE, 60fps)</td>
<td>0.5 lux (F1.6, 50IRE, 60fps)</td>
<td>0.05 Lux @ (F1.8, AGC ON)</td>
<td>0.5 Lux @ (F1.8, AGC ON)</td>
<td>0.5 lux (F1.6, AGC ON)</td>
</tr>
<tr>
<td><strong>HFoV</strong></td>
<td>63°</td>
<td>72°</td>
<td>72°</td>
<td>104° (up to 123°)</td>
<td>72.5°</td>
<td>72.5°</td>
</tr>
<tr>
<td><strong>VFoV</strong></td>
<td>36°</td>
<td>43°</td>
<td>43°</td>
<td>68°</td>
<td>43°</td>
<td>42°</td>
</tr>
<tr>
<td><strong>Optical Zoom (*)</strong></td>
<td>20x</td>
<td>12x</td>
<td>5x</td>
<td>NA</td>
<td>12x</td>
<td>12x</td>
</tr>
<tr>
<td><strong>Digital Zoom (*)</strong></td>
<td>12x</td>
<td>4x</td>
<td>8x</td>
<td>8x</td>
<td>16x</td>
<td>16x</td>
</tr>
<tr>
<td><strong>Pan Range</strong></td>
<td>+/- 170°</td>
<td>+/- 100°</td>
<td>+/- 100°</td>
<td>ePTZ (***)</td>
<td>+/- 170°</td>
<td>+/- 90°</td>
</tr>
<tr>
<td><strong>Tilt Range</strong></td>
<td>-30° ~ +90°</td>
<td>+/- 30°</td>
<td>+/- 30°</td>
<td>ePTZ (***)</td>
<td>+/- 30°</td>
<td>-30° ~ +90°</td>
</tr>
<tr>
<td><strong>Serial Control</strong></td>
<td>Serial In – Out</td>
<td>Serial In – Out</td>
<td>Serial In</td>
<td>Via USB</td>
<td>Serial In – Out - USB</td>
<td>Serial In – Out, Via Network</td>
</tr>
<tr>
<td><strong>Ceiling Mount</strong></td>
<td>Supported</td>
<td>Supported</td>
<td>Supported</td>
<td>Supported</td>
<td>Supported</td>
<td>Not supported</td>
</tr>
<tr>
<td><strong>Camera mount</strong></td>
<td>Basic kit for ceiling mount included in the box</td>
<td>XT Camera mount (55111-00056) available for wall mount and display mount. mount (55111-00056) available for wall mount and display mount.</td>
<td>Tripod screw hole (1/4-20 UNC)</td>
<td>Tripod screw hole (1/4-20 UNC)</td>
<td>Available for wall mount and Tripod screw hole (1/4-20 UNC)</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>2 kg (4.4 lbs.)</td>
<td>1.3 Kg (2lbs 14oz)</td>
<td>1.3 Kg (2lbs 14oz)</td>
<td>0.34Kg</td>
<td>0.91Kg</td>
<td>3Kg</td>
</tr>
<tr>
<td><strong>Dimensions w/h/d</strong></td>
<td>174 x 186 x 187 mm (6.9&quot; x 7.3&quot; x 7.3&quot;)</td>
<td>268 x 156 x 124 mm (10.5 x 6.1 x 4.8 inches)</td>
<td>268 x 156 x 123 mm (10.5 x 6.1 x 4.8 inches)</td>
<td>194mm x 34mm x 42mm (without bracket)</td>
<td>128.5mm x 118mm x 156.2mm</td>
<td>500mm x 162mm x 137mm</td>
</tr>
<tr>
<td><strong>Current consumption (max)</strong></td>
<td>2.5A</td>
<td>2.2A</td>
<td>2.2A</td>
<td>0.6A</td>
<td>1A</td>
<td>2A</td>
</tr>
<tr>
<td><strong>Use with Workplace Client</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Video configurations</strong></td>
<td>White balance (auto/manual); Focus Mode (auto/manual); Sharpness; Backlight; Exposure Compensation; Picture (auto/manual) and WDR level</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Voltage Range</strong></td>
<td>12V nominal (10.8 to 13.0 V)</td>
<td>12V nominal (10.8 to 13.0 V)</td>
<td>12V nominal (10.8 to 13.0 V)</td>
<td>5V(USB)</td>
<td>DC 12V</td>
<td>12V nominal (10.8 to 13.2 V)</td>
</tr>
<tr>
<td><strong>IR repeater as TTL signal</strong></td>
<td>On pin 7 Serial IN</td>
<td>On pin 7 Serial IN</td>
<td>On pin 7 Serial IN</td>
<td>Not available</td>
<td>Not available</td>
<td>On pin 7 Serial IN</td>
</tr>
<tr>
<td><strong>Camera Output</strong></td>
<td>DVI-I</td>
<td>DVI-I</td>
<td>DVI-I</td>
<td>USB 3.0</td>
<td>USB 3.0</td>
<td>HDMI/3G-SDI</td>
</tr>
<tr>
<td><strong>Microphone</strong></td>
<td>Not included</td>
<td>Not included</td>
<td>Not included</td>
<td>Included, frequency response 50Hz - 8KHz, 3m radius omni (6m diameter), coverage 360°</td>
<td>Included, frequency response 50Hz - 8KHz, 3m radius omni (6m diameter), coverage 360°</td>
<td></td>
</tr>
<tr>
<td><strong>Presets</strong></td>
<td>122 (for all connected cameras, directly on XT codec)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>128</td>
</tr>
<tr>
<td><strong>Far end camera control</strong></td>
<td>Through XT codec (H.224, H.281)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(*) Zoom factor can be limited to 5x on some XT Models, such as XT for IPO. Zoom Upgrade license allows enabling full zoom features of selected model

(**) Digital Pan Tilt is supported when camera zoom is enabled.
Available Microphone

<table>
<thead>
<tr>
<th>Model</th>
<th>XT 1—way POD (Standard)</th>
<th>XT Premium 3—way POD (Optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>1x condenser half cardioid</td>
<td>3x condenser half cardioid</td>
</tr>
<tr>
<td><strong>Audio Channels</strong></td>
<td>1x mono</td>
<td>3x mono or 1x stereo</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>30—20,000Hz</td>
<td>50—22,000Hz</td>
</tr>
<tr>
<td><strong>Coverage</strong></td>
<td>3m (9.8') radius cardioid / 180°</td>
<td>6m (19.7') diameter omnidirectional / 360°</td>
</tr>
<tr>
<td><strong>Output Impedance / Configuration</strong></td>
<td>250 ohm / Balanced</td>
<td>Digital / Custom interface</td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>-53dB + / -3dB</td>
<td>-37dB + / -3dB</td>
</tr>
<tr>
<td><strong>Maximum SPL</strong></td>
<td>130dB</td>
<td>110dB</td>
</tr>
<tr>
<td><strong>Signal to Noise Ratio</strong></td>
<td>&gt;60dB</td>
<td>&gt;68dB</td>
</tr>
<tr>
<td><strong>Mute Switch</strong></td>
<td>—</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Cable Length and Connector Type</strong></td>
<td>6m (19.7'), stereo jack 3.5mm (1 / 8&quot;) to Mini XLR 3 pole female</td>
<td>6m (19.7'), RJ11 6 pole plug</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>380g (0.8lb)</td>
<td>450g (1.0lb)</td>
</tr>
<tr>
<td><strong>Dimensions w / h / d</strong></td>
<td>12.0 x 2.0 x 11.0cm (4.7 x 0.8 x 4.3&quot;)</td>
<td>13.4cm (5.3&quot;) diameter x 2.5cm (1.0&quot;) h</td>
</tr>
<tr>
<td><strong>Power Requirements</strong></td>
<td>9—52V Phantom, 1.0mA max.</td>
<td>12V, 70mA max.</td>
</tr>
</tbody>
</table>

**XT4300 Specifications**

**Communications**

- IP: H.323, SIP (RFC 3261)
- Bit rate: H.323, SIP: up to 4 / 121 Mbps
- MCU compatibility: H.243, H.231
- XMPP Presence Server support

**Video**

- 2 simultaneous 1080p60 channels: camera + auxiliary camera or camera + content
- H.263, H.263+, H.263++, H.264, H.264 High Profile, H.264 SVC
- Dual: H.239 (H.323); BFCP (SIP)
- Avaya Multi—Stream Switching (MSS) video
- RTMP support for video streaming
- RTSP support for video streaming

**Important:**

Platforms listed below are for convenience only and are subject to change without notice.
Facebook, Periscope/Twitter, YouTube, Adobe Media Server Live Stream, Meridix, NGINX, Red5 Media Server, Restream.io, Twitch, Ustream, Wowza Streaming Server

**Recording License needed**

- **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**
  - 1920 x 1080p @ 25, 30, 50, 60fps
  - 1280 x 720p @ 25, 30, 50, 60fps
  - 1024 x 576p @ 25, 30fps: w576p
  - 848 x 480p @ 25, 30fps: w480p
  - 768 x 448p @ 25, 30fps: w448p
  - 704 x 576p @ 25, 30fps: 4CIF
  - 704 x 480p @ 25, 30fps: 4SIF
  - 624 x 352p @ 25, 30fps: w352p
  - 576 x 336p @ 25, 30fps
  - 512 x 288p @ 25, 30fps: wCIF
  - 416 x 240p @ 25, 30fps: w240p
  - 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
  - 1400 x 1050 @ 60fps
  - 1280 x 1024p @ 60, 75fps: SXGA
  - 1280 x 1024 @ 60fps
  - 1280 x 960p @ 60, 85fps: SXGA
  - 1280 x 800p @ 60fps: WXGA
  - 1280 x 768p @ 60fps: WXGA
  - 1280 x 720p @ 60fps
  - 1024 x 768p @ 60, 70, 75fps: XGA
  - 800 x 600p @ 60, 72, 75fps: SVGA
  - 640 x 480p @ 72, 75fps: VGA

- **PC content encoding formats:**
  - Up to 1080p @ 60fps

- **HDMI output formats**
  - 1920 x 1080 @ 25, 30, 50, 60fps
  - 1280 x 720 @ 50, 60fps

**Content Sharing / Web Collaboration**

- Dual video: H.239 (H.323); BFCP (SIP)
- Avaya Workplace native web collaboration
- Avaya Workplace chat and web collaboration pointer tool via Control

**Recording**

- Recording on USB drive (with dual display systems, both displays show the same images while recording)
- USB drive formats: FAT32, EXT2, EXT3, EXT4
- Recording formats: MP4 file
- Time watermark on recorded files
- Digital signature for recorded files

**Audio**

- Stereo audio with Premium 3-way POD
- Acoustic echo cancellation
- Adaptive post filtering
- Audio error concealment
- Automatic Gain Control (AGC)
- Automatic noise suppression

**Frequency response:**

- G.711: 300-3,400Hz
- G.728: 50-3,400Hz
- G.729A: 50-3,400Hz
- G.729AB: 50-3,400Hz
- G.722, G.722.1: 50-7,000Hz
- G.722.1 Annex C: 50-14,000Hz
- AAC-LD: 50-14,000Hz
- AAC-LC: 50-14,000Hz
- G.719: 50-20,000Hz
- Opus: 50-20,000Hz
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 (RJ11)
  1 x 3.5mm (1/8") line in jack for audio source (analog / digital with mini-TOSLINK adapter)

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

USB Ports

- 1 x USB2
- 1 x USB3

- Supports recording, firmware upgrade, USB to serial adapter for control, limited headsets and USB2 cameras

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

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 support services maximizes up time with software updates, upgrades, remote maintenance and expert repairs.
Network Protocols
▪ DHCP, DNS, HTTP, HTTPS, RTP / RTCP, SNTP, STUN, TCP / IP, TELNET, TFTP, 802.1Q, 802.1X, 802.1p

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
▪ 25 language on-screen user interface
▪ Infrared remote control
▪ API for endpoint control
▪ Control application for Apple iPad and iPhone1
▪ Microsoft Exchange calendar integration
▪ Bitmaps and logo customization1
▪ Standard Android compatible touch screens support
▪ Automatic Configuration using credentials on Workplace on prem
▪ Transmit the Site Name in overlay
▪ Preset for USB camera

Directory Service & Address Book
▪ LDAP Client (H.350)
▪ Receive global address book from LDAP Server including Avaya Workplace

Multipoint Control Unit1
▪ H.323 and SIP mixed mode
▪ 4 HD continuous presence participants
▪ Desktop and Mobile Client support1
▪ Dial-in / Dial-out capabilities
▪ Encryption2
▪ Automatic continuous presence layouts
▪ Dual-video from any site
▪ Lecturer mode on system hosting the conference
▪ XT MCU cascading Power Supply
▪ 100-240VAC, 50-60Hz, 2A Max.

Physical Characteristics
▪ Horizontal / Vertical Mounting:
  W: 29.0cm (11.4’’)
  D: 16.5cm (6.5’’)
  H: 4.0cm (1.6’’)
  Weight: 2.4kg (5.3lb)

Software Platform
▪ Avaya Aura® 7.0 & Avaya IP Office™ 11.0

Security Features
▪ Embedded encryption2
▪ H.323 security per H.235v3 / Annex D
▪ SIP security per SRTP and TLS 1.2, enciphering up to AES-256
▪ SIP “Digest” authentication (MD5)
▪ RTP media enciphering with AES-256
▪ Public-Key including Diffie-Hellman (2048 bits), RSA (up to 4096 bits)
▪ Cryptographic hash (up to SHA-512)
▪ Web access via HTTPS
• API access via SSH
• Selective enable / disable of IP features
• White list support
• Avaya Enhanced Access Security Gateway (EASG) support

Web Management
• Configuration, call, diagnostics and management functions are accessible with Internet Explorer 8.0+, Firefox 3.6+, Safari 5.0+, Chrome 11.0+, Opera 11+
• Automatic Firmware Upgrade through Cloud

Interoperability
• Calendar integration for third party cloud like Zoom, BlueJeans, Webex, Pexip
• For detailed information, please contact an Avaya representative for the interoperability report
• Interoperability with Open SIP platforms like Broadsoft 22.0, Asterisk™ 16.5, 3CX™ 16.0, FreeSWITCH™ 1.8, Cisco, Polycom, Huawei, Lifesize, Yealink video systems, Cisco Webex (via SIP gateway), Blue Jeans, Zoom, Hangouts, Pexip, Starleaf

Support for Avaya Spaces Meeting via SIP Gateway

XT4300 Options
• 4 Port Embedded 1080p30 MCU
• Desktop and Mobile Client Support
• Extended IP Bit Rate: Multipoint = 12Mbps, P2P = 10 / 8Mbps (SIP / H.323)
• Full Brand Customization
• Recording on USB Drive
• Premium XT 3-way Microphone Array Pod (Stereo Audio)
• Advanced, Premium and Deluxe Cameras
• Codec Wall Mount
• Camera Wall Mount
• Carts supporting one or two displays

About Avaya

Businesses are built by the experiences they provide, and every day millions of those experiences are delivered by Avaya Holdings Corp. (NYSE: AVYA). Avaya is shaping what’s next for the future of work, with innovation and partnerships that deliver game-changing business benefits. Our cloud communications solutions and multi-cloud application ecosystem power personalized, intelligent, and effortless customer and employee experiences to help achieve strategic ambitions and desired outcomes. Together, we are committed to help grow your business by delivering Experiences that Matter. Learn more at www.avaya.com.