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VidyoRoom™ HD-110 and HD-220

Versatile dual-screen room systems

VidyoRoom™ systems deliver an incredible telepresence experience over everyday networks with off-the-shelf camera and audio components. The versatile HD-110 and HD-220 models work seamlessly with VidyoMobile™ and VidyoDesktop™ apps, as well as other VidyoRoom™ and VidyoPanorama™ systems. Connectivity with existing H.323 and SIP based endpoints is made easy using VidyoGateway™, or the free VidyoWay™ interconnectivity service for B2B video conferencing.

Key Features

Superior Video Performance

- Transmit and receive up to 1080p30
- Second screen displays choice of content or participant video (HD-220), or shared content (HD-110)
- Multipoint video conferencing with imperceptible latency
- Display up to 16 participants in continuous presence
- Multiple active speaker and continuous presence layouts accommodate large and small conferences
- Network error concealment for optimal performance without QoS enhanced networks
- Multipoint, HD, and dual-screen capabilities included for no additional charge

Intuitive User Interface

- Global address book of users and rooms with presence and speed dials
- Simple software and hardware remote control options
- On-screen keyboard for directory searches

Security & Network Features

- Optional media and signaling encryption
- Auto-answer option disabled by default

Data Sharing

- Flexible data sharing layouts for both single- and dual-screen deployments
- Multipoint Content Sharing: toggle to switch between shares from multiple participants
- Share local content at up to 1080p with optional accessory
- Auto-share when PC content is detected

Audio and Camera Controls

- Adjust speaker volume and mute/unmute
- Adjust mic gain and mute/unmute
- Video privacy mode
- Pan, tilt and zoom via remote control
- Far-end camera control (FECC)

Administration & Maintenance

- Web-based administration for remote access and configuration
- Automatic software updates, downloadable from VidyoPortal™
- Conference moderation via VidyoPortal
- SNMP (MIB II) enabled elements
- Integration modules available for AMX NetLinx and Crestron devices
- Central reporting on utilization and conference details with the free VidyoDashboard™ virtual appliance

Specifications

	VidyoRoom™ HD-110	VidyoRoom™ HD-220
Screen Layouts	**Screen 1:** Active speaker video, continuous presence video, shared data **Screen 2:** Shared data	**Screen 1:** Active speaker video, continuous presence video, shared data **Screen 2:** Active speaker video, continuous presence video, shared data
Video Codec	**Native**: H.264 SVC (UCIF Mode 2s) **Via VidyoGateway / VidyoWay**: H.263, H.263+ H.264 AVC	
Audio Codec	**Native:** SPEEX Wideband Audio, up to 32 Khz sampling rate **Via VidyoGateway / VidyoWay:** G.711m G.722	
Live Resolutions (Transmitted)	**Native:** 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30 **Via VidyoGateway / VidyoWay:** 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF	
Live Resolutions (Received)	**Native:** 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30 **Via VidyoGateway / VidyoWay:** 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF	
Max Data Rate	**Transmit:** 4 Mbps **Receive:** 8 Mbps	
Content Sharing	**Local Sharing:** Up to 1920 x 1080 (DVI accessory) or 1600 x 1200 (VGA accessory) **Remote Display:** Scales shared content from remote participants (up to 2540 x 2048) to screen resolution **Multipoint Content Sharing**: toggle to switch between shares from multiple remote participants	
Video Outputs	2x DisplayPort (DisplayPort to DVI converters included)	
Camera In	1x DVI	
Camera Control	1x RS-232	
Audio Inputs/Outputs	1x 3.5mm Stereo Jack; USB	
Signaling Protocols	**Native:** EMCP, SCIP **Via VidyoGateway / VidyoWay:** H.323, SIP	
Encryption	**Native:** AES 128bit, TLS, SRTP, HTTPS **Via VidyoGateway / VidyoWay:** H.235	
Central Management	Configuration, management and software upgrades provided by VidyoPortal™ Reports on conference records and utilization provided by VidyoDashboard™	
Monitoring	SNMP	
Network Interface	1x Gigabit Ethernet. Supports 10 BASE-T, 100 BASE-TX, & 1000 BASE-T, RJ45 outputs	
Languages	English, Chinese (Simplified or Traditional), Finnish, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Thai, Turkish	
Power Supply	Auto-switching 150W AC to DC power supply w/ PFC 100~240V (2A, 50-60Hz); DC Output = 12V (12.5.A)	
Recommended Camera	Sony EVI-HD7 (provides 1080p @ 30fps) *Preferred* Minrray VHD910 (provides 1080p @ 30fps)	
Recommended Speaker Phone	Phoenix Quattro3 MT304. *See www.vidyo.com/support/peripherals/#vidyoroom for additional devices and new recommendations*	
Environment	**Operating Temperature Range**: 10 to 35°C (50 to 95°F) **Non-Operating Temperature Range**: -40 to 70°C (-40 to 158°F) **Operating Humidity Range**: 8% to 90% (non-condensing) **Non-Operating Humidity Range**: 5% to 95% (non-condensing)	
Regulatory	**EMI/EMC:** EN55022, EN55024, FCC, VCCI, Australia/New Zealand, MIC (Korea) **Safety:** USA: TUV certified, FCC; Canada: TUV certified; Europe/CE Mark, EN 60950/IEC 60950-Compliant; China: CCC Certification **Environmental:** RoHS compliant	
Dimensions	**Height**: 13" (330 mm) **Width**: 3.3" (85 mm) **Depth**: 13.4" (340 mm) **Gross Weight**: 11.0 lbs (4.98 kg)	

Vidyo®
Personal Telepresence

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