



VidyoRoom™ HD-230

High-Fidelity Group Solution



The VidyoRoom HD-230 delivers the high-fidelity experience needed for conferences on larger screens. With the power to transmit and receive 1080p participant video and display either participant video or shared content on a second screen, the HD-230 delivers the detail required for rich interaction in a multipoint conference. Like every VidyoRoom solution, multipoint conferencing, HD encoding and decoding, and dual-screen support is included at no extra cost. The HD-230 works with off-the-shelf display, camera, and audio components so you can Vidyo-enable any room to your own specifications.

Key Features

VidyoRoom HD-230 Highlights

- Transmit up to 1080p30, receive up to 1080p60
- Second screen displays your choice of participant video, local content, or content shared by remote participants
- Display and share content directly (DVI), or by joining the conference with VidyoDesktop™ or the VidyoSlate™ tablet app
- Enhanced display of shared content in motion
- Multipoint Content Sharing: toggle to switch between shares from multiple participants

Outstanding User Experience

- Call from a global address book of users and rooms with presence and speed dials
- Choose from multiple active speaker and continuous presence layouts
- Call participants, control cameras, and manage conferences with the hand-held remote control or by touchscreen with the free VidyoRemote™ app for tablets

Exclusive Vidyo Technology

- Connects through VidyoRouter™ for highly-scalable multipoint performance with imperceptible latency
- Advanced SVC (UCIF Mode 2s) delivers unmatched quality, reliability, and efficiency
- Dynamic adaptation technologies continuously optimize media streams for unmatched fidelity over variable networks and devices
- Conference with participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobiles
- Interoperate with legacy endpoints via the Vidyo infrastructure or through the free VidyoWay™ interconnectivity service

Easy to Own & Secure

- VidyoPortal™ provides conference moderation and automatic software updates
- Optional media and signaling encryption
- PIN-protect and lock virtual conference rooms
- Integrates with room automation solutions such as AMX, Crestron, and Extron

Specifications

VidyoRoom™ HD-230

Screen Layouts	Screen 1: Multiple layouts for active speaker video, continuous presence video, and shared content Screen 2: Multiple layouts for active speaker video, continuous presence video, and shared content
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.711, 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: 1080p60, 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	Content In: 1x DVI (built-in), or 1600 x 1200 (with optional VGA accessory) Local Sharing: Up to 1920 x 1080, with local display when not in conference 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	1x DVI, 1x DisplayPort (1x DisplayPort to DVI adaptor 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™
Licensing	Includes a dedicated VidyoLine™ license
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, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish
Power Supply	Internal High Efficiency 255W AC to DC power supply w/ APFC 100~240V (2.3A, 47-63Hz); DC Output = 12V (14A)
Recommended Camera	Sony EVI-HD7 (1080p @ 30fps) <i>Preferred</i> Minrray VHD910 (1080p @ 30fps)
Recommended Speakerphone	Phoenix Quattro3 MT304. See www.vidyo.com/support/peripherals/#vidyooroom for additional devices and new recommendations
Environment	Operating Temperature Range: 5 to 35°C (41 to 95°F) Non-Operating Temperature Range: -40 to 65°C (-40 to 149°F) Operating Humidity Range: 20% to 80% (non-condensing)
Regulatory	EMI/EMC: FCC (US), ICES (Canada), EN55022, EN55024 (EU), VCCI (Japan), C-Tick (Australia/New Zealand), KC (Korea), BSMI (Taiwan) Safety: TUV and UL certified Environmental: RoHS compliant
Dimensions	Height: 11.42" (290 mm) Width: 3.65" (92.6 mm) Depth: 12.28" (312 mm) Gross Weight: 11.68 lbs (5.3 kg)



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