



VidyoRoom™ HD-3

High Performance Group Collaboration

Business Challenge

Effective group collaboration impacts enterprise competitive advantage, time to market, and strategic alignment. As meeting participation grows, so do the demands on video collaboration solutions to enable the level of engagement demanded by today's business users. Until now affordable room collaboration was limited to single and dual screens with limited resolution and real estate; dual 4K was a dream. To keep a competitive edge, business users require more advanced applications and tools, beyond the reach of HD.

VidyoRoom HD-3 is raising the bar for group collaboration

Quality matters.

Solution Overview

In today's competitive business climate, clearly communicating important, complex ideas is crucial for responding to market conditions. Enterprises are turning to video collaboration in order to quickly coordinate teams. It is widely known that participants experience better meeting engagement with higher quality video and content.

The VidyoRoom HD-3 system enables groups in medium to large conference rooms to engage in meaningful dialogue and encourage participation from remote collaborators. With crystal-clear audio and video, remote workers will instantly feel connected to the room and genuinely part of the conversation.

VidyoRoom HD-3 delivers incredible quality at an affordable price.

Outstanding User Experience

- Support up to 4K video and content on dual screens
- Screen configurations supporting up to 16 participants per screen
- Multipoint Content Sharing: toggle to switch between shares from multiple participants
- Calendar integration for single-tap meeting access with support for Microsoft® Exchange and Google® Calendar
- Flexible content and participant video layouts
- Meet with participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobile devices

IT Benefits

- Compatible with VidyoPlatform's hosted video service as well as on-premises based systems
- Multiple user friendly remote control options including room automation systems like AMX® and Crestron®, the free VidyoRemote3 app for tablets or hand-held remote control with simple to navigate on-screen UI
- Tight integration with professional audio and USB PTZ Logitech® GROUP
- Conference moderation and automatic software updates
- Advanced SVC (UCIF Mode 2s) delivers unmatched quality, reliability and efficiency
- Patented dynamic adaptation technologies continuously optimize media streams for unmatched fidelity over variable networks and devices

VidyoRoom HD-3 Specifications

Screen Configurations	<p>Single Monitor: 4K Ultra HD at 30 fps (Up to 8 viewable participants, Configurable layouts for participant video and content)</p> <p>Dual Monitor: 4K Ultra HD at 30 fps (Up to 8 viewable participants, Configurable layouts for participant video content)</p> <p>3 Monitors: 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content)</p> <p>4 Monitors: 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content)</p>
Video Codec	Native: H.264 SVC (UCIF Mode 2s), VP9 SVC, VP8 Via VidyoGateway: H263, H264 AVC
Audio Codec	Native: OPUS, SPEEX Wideband Audio, up to 32 Khz sampling rate Via VidyoGateway: G.711, G.722
Live Resolutions (Transmitted)	1080p60, 1080p30, 720p60, 720p30, 540p30, 450p30, 360p30
Live Resolutions (Received)	4K/ 2160p30, 1080p60, 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30
Max Data Rate	Transmit: Up to 6Mbps Receive: Up to 24Mbps
Content Sharing	<p>Content In: 1 x USB (Video+Audio, Up to 2160p with HDMI to USB3 accessory and 1080p with DVI to USB3 accessory)</p> <p>Resolutions: 2160p10, 1080p30, 720p30</p> <p>Remote Display: Scales shared content from remote participants (up to 2160p) to screen resolution</p> <p>Multipoint Content Sharing: Toggle to switch between shares from multiple remote participants</p>
Video Outputs	4 x Mini Display Port (Mini Display Port to HDMI 2.0 dongles included)
Camera In	Standard: 1 x USB3.0 (Supported DVI/HDMI cameras can be connected using an DVI/HDMI to USB3 accessory).
Camera Control	Standard: 1 x RS232
Audio Inputs/Outputs	1x 3.5mm Line-in & 1x 3.5mm Line-out; USB
Control	IR remote control, VidyoRemote3 app on iOS & Android, remote control API with support for Crestron and AMX, and mouse & keyboard (Healthcare edition)
Signaling Protocols	EMCP, SCIP
Calendar Support	Microsoft® Exchange and Google® Calendar
Encryption	AES 256-bit, TLS, SRTP, HTTPS
Monitoring	SNMP
Network Interface	1x Gigabit Ethernet. Supports 10 BASE-T, 100 BASE-TX, & 1000 BASE-T, RJ45 port
Languages	English, Chinese (Simplified or Traditional), Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish
Power Supply	240W up to 92% Efficient PSU (80 PLUS Platinum Certified)
Environment	<p>Operating Temperature Range: 5 to 35°C (41 to 95°F) Non-Operating Temperature Range: -40 to 65°C (-40 to 149°F)</p> <p>Operating Humidity Range: 20% to 80% (non-condensing)</p>
Safety	<p>TUV, IRAM, GS certified</p> <p>NRTL Tested for Safety to the following Standard: UL 60950-1, 2nd Edition, 2014-10-14 (Information Technology Equipment - Safety - Part 1: General Requirements) CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10 (Information Technology Equipment - Safety - Part 1: General Requirements)</p> <p>Including the following additional standards: EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 (which includes all European national differences)</p>
Regulatory EMI/EMC:	<p>FCC (US), ICES (Canada), CE (Europe), CCC (China), EAC (Russia), VCCI (Japan), C-Tick (Australia/New Zealand), KC (Korea), BSMI (Taiwan), BIS (India), NOM (Mexico).</p> <p>Environmental: RoHS, EPEAT (Gold), CECP, CEC, Green PC Label, Eco Label and Greenmark compliant</p>
Dimensions	Height: 11.42" (290mm) Width: 3.65" (92.7mm) Depth: 11.5" (292.1mm) Weight: 11.68 lbs (5.3 Kg)
Options	<p>VidyoRoom HD-3 Endpoint only</p> <p>VidyoRoom HD-3 Bundle includes VidyoRoom HD-3, Logitech GROUP, Inogeni 4K HDMI to USB 3.0</p>
Operating System:	Windows 10 IoT



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