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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 delivers incredible 4K Ultra HD experiences for medium to large conference rooms for engaging group collaboration. In fact, it is the industry's first and only group collaboration endpoint with support for dual 4K monitors delivering crystal clear video from remote participants without sacrificing quality and clarity.

For IT managers, the VidyoRoom HD-3 is as simple to use as it is to deploy. Whether you are using the VidyoRoom HD-3 with VidyoCloud™ or with on-premises based VidyoConferencing™, it is the right choice for high quality group collaboration.

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
- Multipoint content sharing: Toggle to switch between shares from multiple remote participants
- Meet with participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobiles via VidyoCloud™ or on-premises VidyoConferencing™ system

IT Benefits

- Works with the VidyoCloud™ hosted video service as well as on-premises based VidyoConferencing™ system
- 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 via VidyoCloud™ or VidyoPortal™
- 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

Specifications

VidyoRoom™ HD-3	
Screen Layout 1	Screen 1: 4K Ultra HD at 30 fps (Up to 8 viewable participants, Configurable layouts for participant video and content) Screen 2: 4K Ultra HD at 30 fps (Up to 8 viewable participants, Configurable layouts for participant video and content)
Screen Layout 2	Screen 1: 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content) Screen 2: 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content) Screen 3: 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content) Screen 4: 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content)
Video Codec	Native: H.264 SVC (UCIF Mode 2s) Via VidyoGateway: H263, H264 AVC
Audio Codec	Native: 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 20Mbps
Content Sharing	Content In: 1 x USB (Video+Audio, Up to 2160p with HDMI to USB3 accessory and 1080p with DVI to USB3 accessory) Resolutions: 2160p10, 1080p30, 720p30 Remote Display: Scales shared content from remote participants (up to 2160p) to screen resolution Multipoint Content Sharing: Toggle to switch between shares from multiple remote participants
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 or RF remote control with QWERTY keyboard, Web based remote control, and remote control API with support for Crestron and AMX
Signaling Protocols	EMCP, SCIP
Calendar Support	Microsoft® Exchange and Google® Calendar
Encryption	AES 128-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	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)
Safety	TUV, IRAM, GS and UL certified
Regulatory EMI/EMC:	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). Environmental: RoHS, EPEAT (Gold), CECP, CEC, Green PC Label, Eco Label and Greenmark compliant
Dimensions	Height: 11.42" (290mm) Width: 3.65" (92.7mm) Depth: 11.5" (292.1mm) Weight: 11.68 lbs (5.3 Kg)



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