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VidyoRoom HD-2™

High Performance Group Collaboration

Business Challenge

Today's workplace requires high quality video group collaboration to maintain a competitive edge. High quality video collaboration was cost prohibitive to deploy for broader use, forcing enterprises to choose between high quality for a few, or low quality for the masses. Enterprises require group video conferencing systems that deliver crystal clear quality that can be broadly deployed for maximum effect.

VidyoRoom HD-2 delivers impressive quality for every meeting room

Quality matters.

Solution Overview

The rapid pace of business demands clear communications so teams can make decisions quickly. The best way to maintain a nimble organization is to clearly communicate important ideas the first time. Not all meetings can be an in-person, but high quality video conferencing is the next best thing to an in-person meeting.

Fast paced teams demand high quality video conferencing to ensure no detail is lost. The powerful VidyoRoom™ HD-2 is the ideal system for team collaboration delivering incredible 4K Ultra HD video resolution without sacrificing quality from remote participants or their content.

The VidyoRoom HD-2 is very affordable and has a compact form factor that is easy to deploy in virtually any conference room.

Outstanding User Experience

- Receive up to 4K video and content

- Dynamic adaptation technology continuously optimizes the video for unmatched fidelity, even on wireless

- Screen configurations supporting up to 16 participants viewable on 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 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

- Flexible deployment options supporting one and two screen configurations

Specifications

	VidyoRoom™ HD-2
Screen Layout 1	**Screen 1:** 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 Layout 3	**Screen 1**: 1080p at 60 fps (Up to 12 viewable participants, Configurable layouts for participant video and content) **Screen 2:** 1080p at 60 fps (Up to 12 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 6Mbps
Content Sharing	**Content In:** 1 x USB (Video+Audio, Up to 1080p30p with DVI/HDMI to USB3 accessory) **Resolutions:** 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	1 X HDMI 2.0, 1 x mDP (Mini Display Port to HDMI 1.4 adapter included)
Camera In	Standard: 1 x USB3.0 (Supported DVI/HDMI cameras can be connected using an DVI/HDMI to USB3 accessory).
Camera Control	1 x USB3.0 using USB to serial port adapter (Included)
Audio Inputs/Outputs	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	Input 100-240V AC Input 50-60 Hz 2.0 A; Output 19V 6.32 A DC
Environment	**Operating Temperature Range:** 0 to +50 °C (32 to 122° F) **Non-Operating Temperature Range:** -40 to 60°C (-40 to 140°F)
Safety	UL and CB scheme to IEC 60950
Regulatory	FCC (US), ICES (Canada), CE (EU), AS/NZS (Australia/New Zealand), CCC (China), EAC (Russia), NOM (Mexico), BSMI (Taiwan), MSIP (Korea)
Dimensions	**Height:** 1.10" (28mm) **Width:** 8.3" (211mm) **Depth:** 4.56" (116mm) **Gross Weight:** 2.1 lbs (0.95 Kg)

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