



# 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 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
- Flexible deployment options supporting one and two screen configurations

## VidyoRoom HD-2 Specifications

Screen Configurations	<b>Single Monitor:</b> 4K Ultra HD at 30 fps (Up to 8 viewable participants, Configurable layouts for participant video and content) <b>Dual Monitor:</b> 1080p at 60 fps (Up to 12 viewable participants, Configurable layouts for participant video and content)
Video Codec	<b>Native:</b> H.264 SVC (UCIF Mode 2s), VP9 SVC, VP8 <b>Via VidyoGateway:</b> H263, H264 AVC
Audio Codec	<b>Native:</b> OPUS, SPEEX Wideband Audio, up to 32 KHz sampling rate <b>Via VidyoGateway:</b> 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	<b>Transmit:</b> Up to 6Mbps <b>Receive:</b> Up to 6Mbps
Content Sharing	<b>Content In:</b> 1 x USB (Video+Audio, Up to 1080p30p with DVI/HDMI to USB3 accessory) <b>Resolutions:</b> 1080p30, 720p30 <b>Remote Display:</b> Scales shared content from remote participants (up to 2160p) to screen resolution <b>Multipoint Content Sharing:</b> 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, 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	Input 100-240V AC Input 50-60 Hz 2.0 A; Output 19V 6.32 A DC
Environment	<b>Operating Temperature Range:</b> 0 to +50 °C (32 to 122° F) <b>Non-Operating Temperature Range:</b> -40 to 60°C (-40 to 140°F)
Safety	<b>NRTL Tested for Safety to the following Standard:</b> 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) <b>Including the following additional standards:</b> EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 (which includes all European national differences)
Regulatory:	FCC (US), ICES (Canada), CE (EU), AS/NZS (Australia/New Zealand), CCC (China), EAC (Russia), NOM (Mexico), BSMI (Taiwan), MSIP (Korea)
Dimensions	<b>Height:</b> 1.10" (28mm) <b>Width:</b> 8.3" (211mm) <b>Depth:</b> 4.56" (116mm) <b>Gross Weight:</b> 2.1 lbs (0.95 Kg)
Options	VidyoRoom HD-2 Endpoint only VidyoRoom HD-2 Bundle includes VidyoRoom HD-2, Logitech GROUP, Inogeni DVI to USB
Operating System:	Windows 10 IoT



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