

# 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

<b>VidyoRoom™ HD-3</b>	
<b>Screen Layout 1</b>	<b>Screen 1:</b> 4K Ultra HD at 30 fps (Up to 8 viewable participants, Configurable layouts for participant video and content) <b>Screen 2:</b> 4K Ultra HD at 30 fps (Up to 8 viewable participants, Configurable layouts for participant video and content)
<b>Screen Layout 2</b>	<b>Screen 1:</b> 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content) <b>Screen 2:</b> 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content) <b>Screen 3:</b> 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content) <b>Screen 4:</b> 1080p at 60 fps (Up to 16 viewable participants, Configurable layouts for participant video and content)
<b>Video Codec</b>	<b>Native:</b> H.264 SVC (UCIF Mode 2s) <b>Via VidyoGateway:</b> H263, H264 AVC
<b>Audio Codec</b>	<b>Native:</b> SPEEX Wideband Audio, up to 32 KHz sampling rate <b>Via VidyoGateway:</b> G.711, G.722
<b>Live Resolutions (Transmitted)</b>	1080p60, 1080p30, 720p60, 720p30, 540p30, 450p30, 360p30
<b>Live Resolutions (Received)</b>	4K/ 2160p30, 1080p60, 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30
<b>Max Data Rate</b>	<b>Transmit:</b> Up to 6Mbps <b>Receive:</b> Up to 20Mbps
<b>Content Sharing</b>	<b>Content In:</b> 1 x USB (Video+Audio, Up to 2160p with HDMI to USB3 accessory and 1080p with DVI to USB3 accessory) <b>Resolutions:</b> 2160p10, 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
<b>Video Outputs</b>	4 x Mini Display Port (Mini Display Port to HDMI 2.0 dongles included)
<b>Camera In</b>	Standard: 1 x USB3.0 (Supported DVI/HDMI cameras can be connected using an DVI/HDMI to USB3 accessory).
<b>Camera Control</b>	Standard: 1 x RS232
<b>Audio Inputs/Outputs</b>	1x 3.5mm Line-in & 1x 3.5mm Line-out; USB
<b>Control</b>	IR remote control or RF remote control with QWERTY keyboard, Web based remote control, and remote control API with support for Crestron and AMX
<b>Signaling Protocols</b>	EMCR, SCIP
<b>Calendar Support</b>	Microsoft® Exchange and Google® Calendar
<b>Encryption</b>	AES 128-bit, TLS, SRTP, HTTPS
<b>Monitoring</b>	SNMP
<b>Network Interface</b>	1x Gigabit Ethernet. Supports 10 BASE-T, 100 BASE-TX, & 1000 BASE-T, RJ45 port
<b>Languages</b>	English, Chinese (Simplified or Traditional), Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish
<b>Power Supply</b>	240W up to 92% Efficient PSU (80 PLUS Platinum Certified)
<b>Environment</b>	<b>Operating Temperature Range:</b> 5 to 35°C (41 to 95°F) <b>Non-Operating Temperature Range:</b> -40 to 65°C (-40 to 149°F) <b>Operating Humidity Range:</b> 20% to 80% (non-condensing)
<b>Safety</b>	TUV, IRAM, GS and UL certified
<b>Regulatory EMI/EMC:</b>	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). <b>Environmental:</b> RoHS, EPEAT (Gold), CECP, CEC, Green PC Label, Eco Label and Greenmark compliant
<b>Dimensions</b>	<b>Height:</b> 11.42" (290mm) <b>Width:</b> 3.65" (92.7mm) <b>Depth:</b> 11.5" (292.1mm) <b>Weight:</b> 11.68 lbs (5.3 Kg)



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