VidyoRoom™ HD-3C

Powerful Video Collaboration for the Modern Workspace

Business Challenge

The modern workplace is evolving, and video has become an essential method of communication and collaboration. As more teams are geographically dispersed, high-quality video solutions play a critical role in your organization's overall success.

Until now, affordable room collaboration was limited to single or dual screens with limited resolution and real estate. To keep a competitive edge, your company requires advanced applications and tools that enable natural collaboration, regardless of your teams' locations.

VidyoRoom HD-3C raises the bar for group collaboration.

Quality matters.

Solution Overview

VidyoRoom HD-3C is a flexible video collaboration solution that allows you to connect naturally with others with the same immersive experience whether you're sitting across the table or across the globe.

With easy-to-use modern technology, business leaders have the ability to sit down and intuitively start a meeting. Employees will quickly maximize their productivity with the space and tools needed to promote creativity and expedite decision-making.

The VidyoRoom HD-3C is a seamless, fully integrated solution that is ideal for large meeting spaces. It boasts crystal-clear audio and video technology with thoughtfully designed hardware that offers a simplified, productive experience to all users.

This advanced system was designed with the understanding that "one size fits all" doesn't cut it in the modern workplace. With the ability to configure four screens at 1080p resolution or up to three screens at 4K resolution, VidyoRoom HD-3C gives you the flexibility to make the most of your meeting space and the opportunity to create an immersive experience without burdensome costs.

Outstanding User Experience

- Enjoy flexible content and participant layouts, and view up to 16 participants per screen, for up to four screens

- Meet with participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobile devices

- Receive stunning quality, up to 4K video and content on up to 3 screens, or 1080p on up to 4 screens

- Toggle to switch between shares from multiple participants

- Tap-to-join meeting access with calendar integration support for Microsoft Exchange and Google Calendar

- Conference moderation controls

IT Benefits

- Flexibility and choice for your room size with one, two, three or four screen configuration support

- Available as a convenient turn-key bundle with camera and mics or as a stand-alone appliance that can pair with other recommended peripherals of your choice

- Choose from multiple user-friendly remote control options, including room automation systems like AMX and Crestron, the free VidyoRemote3 app for tablets, or handheld remote control with a simple-to-navigate on-screen UI

- Patented dynamic adaptation technologies continuously optimize media streams for unmatched fidelity over variable networks and devices

VidyoRoom HD-3C Specifications

Single Screen Configuration	**Screen 1:** 4K Ultra HD at 30 fps (Up to 16 viewable participants, configurable layouts for participant video and content)
Two Screen Configuration	**Screen 1**: 4K Ultra HD at 30 fps (Up to 16 viewable participants, configurable layouts for participant video and content) **Screen 2:** 4K Ultra HD at 30 fps (Up to 16 viewable participants, configurable layouts for participant video and content)
Three Screen Configuration	**Screen 1**: 4K Ultra HD at 30 fps (Up to 16 viewable participants, configurable layouts for participant video and content) **Screen 2:** 4K Ultra HD at 30 fps (Up to 16 viewable participants, configurable layouts for participant video and content) **Screen 3:** 4K Ultra HD at 30 fps (Up to 16 viewable participants, configurable layouts for participant video and content)
Four Screen Configuration	**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/Audio Codec	**VIDEO: Native:** H.264 SVC (UCIF Mode 2s) **Via VidyoGateway:** H263, H264 AVC **AUDIO: Native:** OPUS, SPEEX Wideband Audio, up to 32 Khz sampling rate **Via VidyoGateway:** G.711, G.722
Max Data Rate	**Transmit:** Up to 6Mbps **Receive:** Up to 24Mbps
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:** 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 Display Port (1.2 Display Port to HDMI 2.0 dongles included)
Camera In	Standard: 1 x USB3.0 (Supported DVI/HDMI cameras can be connected using a DVI/HDMI to USB3 accessory).
Camera Control	1 x USB3.0 using USB to serial port adapter (Included)
Audio Inputs/Outputs	USB
Control & Monitoring	SNMP, IR remote control or RF remote control with QWERTY keyboard, Remote control iOS & Android App, and remote control API
Calendar Support	Microsoft® Exchange and Google® Calendarr
Encryption	AES 128-bit, TLS, SRTP, HTTPS
Network Interface	1x Gigabit Ethernet. Supports 10 BASE-T, 100 BASE-TX, & 1000 BASE-T, RJ45 port
Power Supply	Input 100-240V AC Input 50-60 Hz
Dimensions	**Height:** 2.28" (58mm) **Width:** 8.5" (216mm) **Depth:** 8.5" (216mm) **Weight:** 4.80 lbs (2.18 Kg)
Operating System	Windows 10 IoT

For more information on supported languages, operating environment and live resolutions, please review the VidyoRoom™ Admin Guide Additional Resources: Safety + Regulatory | Network Bandwidth Consumption Guidelines | Installing Your VidyoRoom System | Recommended + Supported Peripherals

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