# VidyoRoom™ HD-40C

## Ultra-Compact Group Solution for HD Video Collaboration

**Vidyo®**
An Enghouse Company

## Solution Overview

The VidyoRoom HD-40C delivers outstanding quality and reliability for smaller conference rooms, mobile carts, and shared workspaces. With support for advanced features like far-end camera control and seamless integration with all other endpoint types, remote participants feel as though they are in the room and engaged in the conversation. Like every VidyoRoom solution, the HD-40C supports multipoint participant video, HD encoding and decoding, and dual screens at no extra cost, making this ultra-compact system both supremely capable and refreshingly affordable.

VidyoRoom HD-40C delivers remarkable quality at an affordable price

**Quality matters.**

## Highlights

- Ultra-compact form factor fits almost anywhere
- Share content by joining the conference with VidyoConnect on desktop or mobile devices or local USB connection
- Quiet and discrete, with low power consumption (> 65 watts)
- Supports the Logitech GROUP, which integrates a noise-cancelling speakerphone with a PTZ camera capable of far-end camera control (FECC)

## User Experience

- Call from a global address book of users and rooms with presence and speed dials
- Display up to 8 participants in continuous presence
- Choose from multiple participant video and shared content layouts for both single- and dual-screen deployments
- Call participants, control cameras, and manage conferences with the hand-held remote control or by touchscreen with the free VidyoRemote™ app for tablets
- Calendar integration for single-click meeting access with support for Microsoft® Exchange and Google® Calendar

## Video Technology

- Highly-scalable multipoint performance with imperceptible latency
- Advanced SVC (UCIF Mode 2s) delivers unmatched quality, reliability, and efficiency
- Dynamic adaptation technologies continuously optimize media streams for unmatched fidelity over variable networks and devices
- Conference with participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobiles
- Access to legacy endpoints through Vidyo Platform
- Conference moderation and automatic software updates
- Access to legacy endpoints through VidyoPlatform
- Optional media and signaling encryption
- PIN-protect and lock virtual conference rooms
- Integrates with room automation solutions such as AMX, Crestron, and Extron

## VidyoRoom HD-40C Specifications

| | |
|---|---|
| **Screen Layouts** | **Single Monitor:** Multiple layouts for active speaker video, continuous presence video, and shared content<br>**Dual Monitor:** Shared content only |
| **Video Codec** | **Native:** H.264 SVC (UCIF Mode 2s), VP9 SVC, VP8  **Via VidyoGateway**: H263, H264 AVC |
| **Audio Codec** | **Native:** OPUS, SPEEX Wideband Audio, up to 32 Khz sampling rate  **Via VidyoGateway:** G.711, G.722 |
| **Live Resolutions (Transmitted)** | **Native:** 720p30, 540p30, 450p30, 360p30<br>**Via VidyoGateway:** 720p30, 4CIF, 4SIF, CIF, SIF, QCIF |
| **Live Resolutions (Received)** | **Native:** 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30<br>**Via VidyoGateway:** 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF |
| **Max Data Rate** | **Transmit:** 2Mbps   **Receive:** 6Mbps |
| **Content Sharing** | **Soft Share:** Connect with VidyoDesktop or the VidyoSlate tablet app (network connection and available VidyoLine required)<br>**Local Share:** Connect with USB accessory<br>**Remote Display:** Scales shared content from remote participants (up to 2540 x 2048) to screen resolution<br>Receive Resolution up to 4K (2160p)<br>**Multipoint Content Sharing:** toggle to switch between shares from multiple remote participants<br>**Content Input:** USB (Requires Epiphan share device or Vidyo's DVI-to-USB3 adapter)<br>**Local Projection:** Up to 1280 x 720, with local display when not in conference |
| **Video Outputs** | **Single Monitor for Participant Audio and Video:** 1x Mini DisplayPort (Mini DisplayPort to HDMI adapter included)<br>**Dual Monitor for Shared Content:** 1x Mini DisplayPort (Mini DisplayPort to HDMI adapter included) |
| **Camera In** | 1x USB |
| **Camera Control** | 1 x USB, 1x RS-232 |
| **Audio Inputs/Outputs** | 1 X USB (analog jack is not supported) |
| **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** | **Native:** EMCP, SCIP **Via VidyoGateway:** H.323, SIP |
| **Calendar Support** | Microsoft® Exchange and Google® Calendar |
| **Encryption** | **Native:** AES 256-bit, TLS, SRTP, HTTPS **Via VidyoGateway:** H.235 |
| **Monitoring** | SNMP |
| **Network Interface** | 1x Gigabit Ethernet. Supports 10 BASE-T, 100 BASE-TX, & 1000 BASE-T, RJ45 outputs |
| **Languages** | English, Chinese (Simplified or Traditional), Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish |
| **Power Supply** | External 19V / 65W power supply with interchangeable plugs: Types A (US), C (EU), (G) UK and (I) Australia |
| **Recommended Camera** | **Standard:** Logitech GROUP, Sony SRG-120DU<br>See Recommended and Supported Peripherals for VidyoRoom Systems for additional information |
| **Recommended Speakerphone** | USB speakerphones, such as the Phoenix Quattro3 MT304<br>See Recommended and Supported Peripherals for VidyoRoom Systems for additional information |
| **Environment** | **Operating Temperature Range:** 0C to 35°C (32 to 122°F)<br> **Non-Operating Temperature Range:** -20 to 70°C (-4 to 158°F)<br>**Operating Humidity Range:** 20% to 80% (non-condensing)<br>**Non-Operating Humidity Range:** 5% to 95% (non-condensing) |
| **Regulatory:** | **EMI/EMC:** FCC (US), CE (EU), ICES (Canada), VCCI (Japan), RHM(A/NZ), KC (South Korea), BSMI (Taiwan)<br><br>**NRTL Tested for Safety to the following Standard:** 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)<br><br>**Including the following additional standards:** EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 (which includes all European national differences)<br><br>**Environmental:** RoHS compliant |
| **Dimensions** | **Height:** 1.92" (48.7 mm)  **Width:** 4.37" (111 mm)   **Depth:** 4.53" (115 mm)   **Gross Weight:** 2.0 lbs (0.9 kg) |
| **Operating System:** | Windows 10 IoT |

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