



# VidyoRoom™ HD-40

## Ultra-Compact Group Solution for HD Video Collaboration



The VidyoRoom HD-40 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-40 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.

## Key Features

### VidyoRoom HD-40 Highlights

- Ultra-compact form factor fits almost anywhere
- Share content by joining the conference with VidyoDesktop™, the VidyoSlate™ tablet app, 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)

### Outstanding User Experience

- Enjoy HD quality: transmit up to 720p30, receive up to 1080p30
- 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

### Exclusive Vidyo Technology

- Connects through VidyoRouter™ for 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 legacy endpoints via the Vidyo infrastructure or through the free VidyoWay™ interconnectivity service

### Easy to Own & Secure

- VidyoPortal™ provides conference moderation and automatic software updates
- Optional media and signaling encryption
- PIN-protect and lock virtual conference rooms
- Integrates with room automation solutions such as AMX, Crestron, and Extron

# Specifications

<b>VidyoRoom™ HD-40</b>	
<b>Screen Layouts</b>	<b>Screen 1:</b> Multiple layouts for active speaker video, continuous presence video, and shared content <b>Screen 2:</b> Shared content only
<b>Video Codec</b>	<b>Native:</b> H.264 SVC (UCIF Mode 2s) <b>Via VidyoGateway / VidyoWay:</b> H.263, H.264 AVC
<b>Audio Codec</b>	<b>Native:</b> SPEEX Wideband Audio, up to 32 Khz sampling rate <b>Via VidyoGateway / VidyoWay:</b> G.711, G.722
<b>Live Resolutions (Transmitted)</b>	<b>Native:</b> 720p30, 540p30, 450p30, 360p30 <b>Via VidyoGateway / VidyoWay:</b> 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
<b>Live Resolutions (Received)</b>	<b>Native:</b> 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30 <b>Via VidyoGateway / VidyoWay:</b> 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
<b>Max Data Rate</b>	<b>Transmit:</b> 2Mbps <b>Receive:</b> 6Mbps
<b>Content Sharing</b>	<b>Soft Share:</b> Connect with VidyoDesktop or the VidyoSlate tablet app (network connection and available VidyoLine required) <b>Local Share:</b> Connect with USB accessory <b>Remote Display:</b> Scales shared content from remote participants (up to 2540 x 2048) to screen resolution Receive Resolution up to 4K (2160p) <b>Multipoint Content Sharing:</b> toggle to switch between shares from multiple remote participants <b>Content Input:</b> USB (Requires Epiphan share device or Vidyo's DVI-to-USB3 adapter) <b>Local Projection:</b> Up to 1280 x 720, with local display when not in conference
<b>Video Outputs</b>	<b>Screen 1 for Participant Audio and Video:</b> 1x Mini DisplayPort (Mini DisplayPort to HDMI adapter included) <b>Screen 2 for Shared Content:</b> 1x Mini DisplayPort (Mini DisplayPort to HDMI adapter included)
<b>Camera In</b>	1x USB
<b>Camera Control</b>	1 x USB, 1x RS-232
<b>Audio Inputs/Outputs</b>	1 X USB (analog jack is not supported)
<b>Control</b>	IR remote control, Optional RF remote with QWERTY keyboard, Web based remote control, and remote control API with support for Crestron and AMX
<b>Signaling Protocols</b>	<b>Native:</b> EMCP, SCIP <b>Via VidyoGateway / VidyoWay:</b> H.323, SIP
<b>Calendar Support</b>	Microsoft® Exchange and Google® Calendar
<b>Encryption</b>	<b>Native:</b> AES 128 Bit, TLS, SRTP, HTTPS <b>Via VidyoGateway / VidyoWay:</b> H.235
<b>Management</b>	Software upgrades provided by VidyoPortal™
<b>Licensing</b>	Includes a dedicated VidyoLine™ license
<b>Monitoring</b>	SNMP
<b>Network Interface</b>	1x Gigabit Ethernet. Supports 10 BASE-T, 100 BASE-TX, & 1000 BASE-T, RJ45 outputs
<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>	External 19V / 65W power supply with interchangeable plugs: Types A (US), C (EU), (G) UK and (I) Australia
<b>Recommended Camera</b>	<b>Standard:</b> Logitech GROUP, Sony SRG-120DU See <a href="http://www.vidyo.com/support/peripherals/#vidyooroom">www.vidyo.com/support/peripherals/#vidyooroom</a> for additional devices and new recommendations
<b>Recommended Speakerphone</b>	USB speakerphones, such as the Phoenix Quattro3 MT304 See <a href="http://www.vidyo.com/support/peripherals/#vidyooroom">www.vidyo.com/support/peripherals/#vidyooroom</a> for additional devices and new recommendations
<b>Environment</b>	<b>Operating Temperature Range:</b> 0C to 35°C (32 to 122°F) <b>Non-Operating Temperature Range:</b> -20 to 70°C (-4 to 158°F) <b>Operating Humidity Range:</b> 20% to 80% (non-condensing) <b>Non-Operating Humidity Range:</b> 5% to 95% (non-condensing)
<b>Regulatory</b>	<b>EMI/EMC:</b> FCC (US), CE (EU), ICES (Canada), VCCI (Japan), RHM(A/NZ), KC (South Korea), BSMI (Taiwan) <b>NRRL 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) <b>Environmental:</b> RoHS compliant
<b>Dimensions</b>	<b>Height:</b> 1.92" (48.7 mm) <b>Width:</b> 4.37" (111 mm) <b>Depth:</b> 4.53" (115 mm) <b>Gross Weight:</b> 2.0 lbs (0.9 kg)

Specifications apply to HD-40 hardware



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