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 ConferenceCam BCC950, which integrates a noise-cancelling speakerphone with a PTZ camera capable of far-end camera control (FECC)

- Optional Pro Pack supports professional PTZ cameras with DVI input and RS-232 control

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

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

VidyoRoom™ HD-40

Screen Layouts	**Screen 1:** Multiple layouts for active speaker video, continuous presence video, and shared content **Screen 2:** Shared content only
Video Codec	**Native**: H.264 SVC (UCIF Mode 2s) **Via VidyoGateway / VidyoWay**: H.263, H.263+, H.264 AVC
Audio Codec	**Native:** SPEEX Wideband Audio, up to 32 Khz sampling rate **Via VidyoGateway / VidyoWay:** G.711, G.722
Live Resolutions (Transmitted)	**Native:** 720p30, 540p30, 450p30, 360p30 **Via VidyoGateway / VidyoWay:** 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
Live Resolutions (Received)	**Native:** 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30 **Via VidyoGateway / VidyoWay:** 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
Max Data Rate	**Transmit:** 2Mbps **Receive:** 6Mbps
Content Sharing	**Soft Share:** Connect with VidyoDesktop or the VidyoShare tablet app (network connection and available VidyoLine required) **Local Share:** Connect with USB accessory **Remote Display:** Scales shared content from remote participants (up to 2540 x 2048) to screen resolution **Multipoint Content Sharing**: toggle to switch between shares from multiple remote participants **Content Input:** USB (Requires Epiphan share device or Vidyo's DVI-to-USB3 adapter) **Local Projection:** Up to 1920 x 1080, with local display when not in conference
Video Outputs	**Screen 1 for Participant Audio and Video**: 1x Mini HDMI (Mini HDMI to HDMI adapter included) **Screen 2 for Shared Content**: 1x Mini DisplayPort (MiniDP-to-DVI dongle included)
Camera In	**Standard:** 1x USB **With Pro Pack:** 1x DVI
Camera Control	**Standard:** 1 x USB (FECC with Logitech BCC950 and CC3000e) **With Pro Pack:** 1x RS-232
Audio Inputs/Outputs	1x USB
Signaling Protocols	**Native:** EMCP, SCIP **Via VidyoGateway / VidyoWay:** H.323, SIP
Encryption	**Native:** AES 128 Bit, TLS, SRTP, HTTPS **Via VidyoGateway / VidyoWay:** H.235
Central Management	Configuration, management and software upgrades provided by VidyoPortal™ Reports on conference records and utilization provided by VidyoDashboard™
Licensing	Includes a dedicated VidyoLine™ license
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
Recommended Camera	**Standard**: Logitech BCC950 Conference Cam (includes speakerphone) **With Pro Pack**: Sony EVI-HD7 *See www.vidyo.com/support/peripherals/#vidyoroom for additional devices and new recommendations*
Recommended Speakerphone	USB speakerphones, such as the Phoenix Quattro3 MT304 *See www.vidyo.com/support/peripherals/#vidyoroom for additional devices and new recommendations*
Environment	**Operating Temperature Range**: 0C to 35°C (32 to 122°F) **Non-Operating Temperature Range**: -20 to 70°C (-4 to 158°F) **Operating Humidity Range**: 20% to 80% (non-condensing) **Non-Operating Humidity Range**: 5% to 95% (non-condensing)
Regulatory	**EMI/EMC:** EN55022, EN55024, FCC, ICES, VCCI, (C-Tick) Australia/ New Zealand, KC (Korea) , BSMI (Taiwan), CCC (China), CU (Russia) **Safety:** UL certified Canada and US, Europe/CE Mark EN 60950/IEC 60950-Compliant **Environmental:** RoHS compliant
Dimensions	**Height:** 1.36" (34.5 mm) **Width:** 4.59" (117 mm) **Depth:** 4.41" (112 mm) **Gross Weight:** 2.0 lbs (0.9 kg)

Vidyo, Inc. (Corporate Headquarters)
433 Hackensack Ave., Hackensack, NJ 07601, USA
Tel: 201.289.8597 Toll-free: 866.998.4396
Email: vidyoinfo@vidyo.com

EMEA
emea@vidyo.com
+33 (0) 488 718 823

APAC
apac@vidyo.com
+852 3478 3870

INDIA
india@vidyo.com
+91 124 4111671

www.vidyo.com

Proudly distributed by Alloy Computer Products:

Telephone:	613 8562 9000
Fax:	613 8562 9099
Address:	Unit 4, 585 Blackburn Road Notting Hill, VIC, 3168, Australia
Web:	www.alloy.com.au
Email:	sales@alloy.com.au

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