VidyoRoom™ HD-100

The Versatile and Affordable Group Solution for Small and Medium Conference Rooms

The VidyoRoom HD-100 delivers outstanding performance to small- and medium-size conference rooms, and supports a wide range of USB and DVI-PTZ cameras. 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-100 delivers unmatched quality, resilience, and value with multipoint participant video, HD encoding and decoding, and dual screen support at no extra cost.

Key Features

VidyoRoom HD-100 Highlights

- Transmit up to 720p30, receive up to 1080p30
- Transmit up to 720p30 shared content with audio
- Display up to 8 remote participants
- Share content VGA or HD by external accessory (see specs below)

Outstanding User Experience

- Global address book with presence and speed dial
- Multiple active speaker and continuous presence layouts
- Manage conferences with the hand-held remote control or by touchscreen with the free VidyoRemote™ app for tablets
- Conference with participants on room systems, desktops, laptops, tablets, and smartphones
- Calendar integration for single-click meeting access

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
- Interoperate with legacy endpoints via the Vidyo infrastructure

Easy to Own & Secure

- VidyoPortal™ provides conference moderation and automatic software updates
- Optional encryption, PIN protection, and room locking features
- Pre-call screen projection for local content for multi-modal conferencing spaces
- Integrates with room automation solutions such as AMX, Crestron, and Extron

Specifications

	VidyoRoom™ HD-100
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:** H.263, H.263+, H.264 AVC
Audio Codec	**Native:** SPEEX Wideband Audio, up to 32 Khz sampling rate **Via VidyoGateway:** G.711, G.722
Live Resolutions (Transmitted)	**Native:** 1080p15, 720p30, 540p30, 450p30, 360p30 **Via VidyoGateway:** 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
Live Resolutions (Received)	**Native:** 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30 **Via VidyoGateway:** 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
Max Data Rate	**Transmit:** 2Mbps **Receive:** 6Mbps
Content Sharing	**Content In**: Up to 1600 x 1200 with optional VGA accessory, or 720p30 with audio via optional DVI accessory **Local Projection:** Displays content on in-room screen when not in conference **Remote Display:** Automatically scales shared content from remote participants to screen resolution **Multipoint Content Sharing**: toggle to switch between shares from multiple remote participants
Video Outputs	1x DVI for Main Monitor 1x DVI-VGA for Secondary Monitor
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 to VISCA cable
Audio Inputs/Outputs	1x 3.5mm Stereo Jack; USB; DisplayPort
Signaling Protocols	**Native:** EMCP, SCIP **Via VidyoGateway / VidyoWay:** H.323, SIP
Encryption	**Native:** AES 128 Bit, TLS, SRTP, HTTPS **Via VidyoGateway:** H.235
Central Management	Configuration, management and software upgrades provided by VidyoPortal™ Reports on conference records and utilization provided by VidyoDashboard™
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	200W, up to 90% Efficient PSU (80 PLUS Gold); Active PFC
Recommended Peripherals	**DVI Camera**: Sony EVI-HD7 **USB Speakerphone**: Phoenix Quattro3 MT304 **USB Integrated Camera + Speakerphone**: Logitech ConferenceCam model CC3000e *Also see www.vidyo.com/services-support/technical-support/peripherals for additional cameras, speakerphones, and accessories*
Environment	**Operating Temperature Range**: 10 to 35°C (50 to 95°F) **Non-Operating Temperature Range**: -40 to 70°C (-40 to 158°F) **Operating Humidity Range**: 8% to 90% (non-condensing) **Non-Operating Humidity Range**: 5% to 95% (non-condensing)
Regulatory	**EMI/EMC:** FCC (US), ICES (Canada), CD (Europe), CCC (China), EAC (Russia), VCCI (Japan), C-Tick (Australia/New Zealand), KC (Korea), BSMI (Taiwan), BIS (India), NOM (Mexico), SABS (South Africa) **Safety:** TUV and UL certified **Environmental:** RoHS compliant
Dimensions	**Height:** 9.3" (237 mm) **Width:** 2.6" (65 mm) **Depth:** 9.4" (240 mm) **Gross Weight:** 7.26 lbs (3.3 kg)