



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-connected cameras, including full integration with the Logitech CC3000e camera + speakerphone. 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 supports multipoint participant video, HD encoding and decoding, and dual screens at no extra cost, delivering on its promise of unmatched quality, resilience, and value.

Key Features

HD-100 Revision D
VidyoRoom software 3.2.2

VidyoRoom HD-100 Highlights

- Transmit up to 720p30, receive up to 1080p30
- Enhanced resolutions and frame rates for shared content
- Display up to 8 remote participants
- Share content directly, via VidyoDesktop™, or with the VidyoSlate™ tablet app
- Multipoint Content Sharing: toggle to switch between shares from multiple participants

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

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 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-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 / 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	Content In: Up to 1600 x 1200 with optional VGA accessory, or 1280 x 720 with 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 / VidyoWay: 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 or Minrray VHD-A910 USB Speakerphone: Phoenix Quattro3 MT304 USB Integrated Camera + Speakerphone: Logitech ConferenceCam models CC3000e and BCC950 <i>Also see www.vidyo.com/services-support/technical-support/peripherals for additional cameras, speakerphones, and accessories</i>
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)



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