

VidyoRoom™ HD-200

The VidyoRoom is an HD room system capable of delivering 60 FPS encoding as well as decoding and displaying multiple HD participants on two screens. Even more significant is that the VidyoRoom was specifically designed for use over converged IP networks.

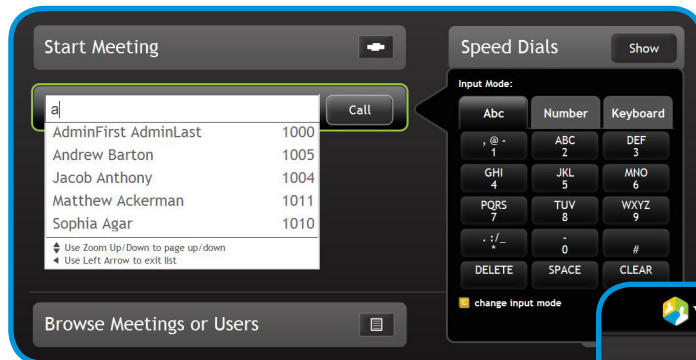
The VidyoRoom system is simple to use, easy to configure and voice-activated with continuous presence. The VidyoRoom interoperates seamlessly with VidyoDesktop™ clients, making it possible for people to join a conference from their home office or anywhere else they happen to be.



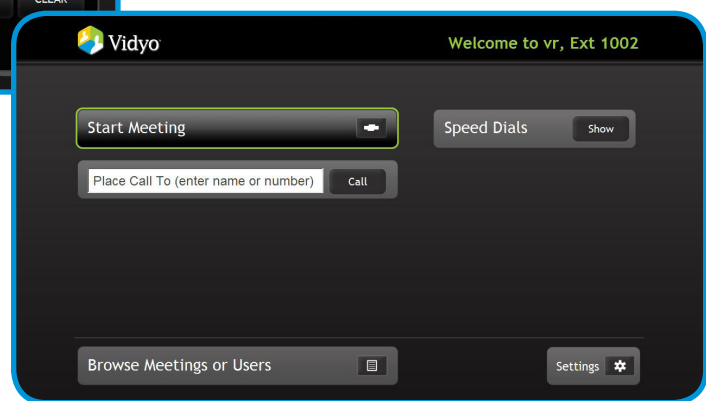
Features and Functions:

- **Intuitive Graphical User Interface** – consistent with the VidyoDesktop Client - makes operating the VidyoRoom simple and straightforward
- **Call initiation and entry into Private Meeting Room** achieved with only one click
- Full and automatic integration with the VidyoPortal's user's database. No need to maintain a local address book
- **Dual-screen HD modes**
 - Active speaker alone on one screen (VA), other participants in continuous presence (CP) on separate screen
 - Participants' video is spread evenly between the 2 screens
- **Single-screen HD modes**
 - Participants' video is spread evenly on the screen
 - Preferred larger voice-activated speaker (1+N layout)
- Participants can **toggle between other users' shared windows** (not just a single share)
- **Speakers and microphone mute, Video privacy mode**
- **Web-based configuration**
- **Advanced Far-End-Camera-Control** during a conference
- **Laptop Screen Sharing** through the optional VGA input device

VidyoRoom HD-200 Specifications



◀ Easy to use and intuitive graphical user interface



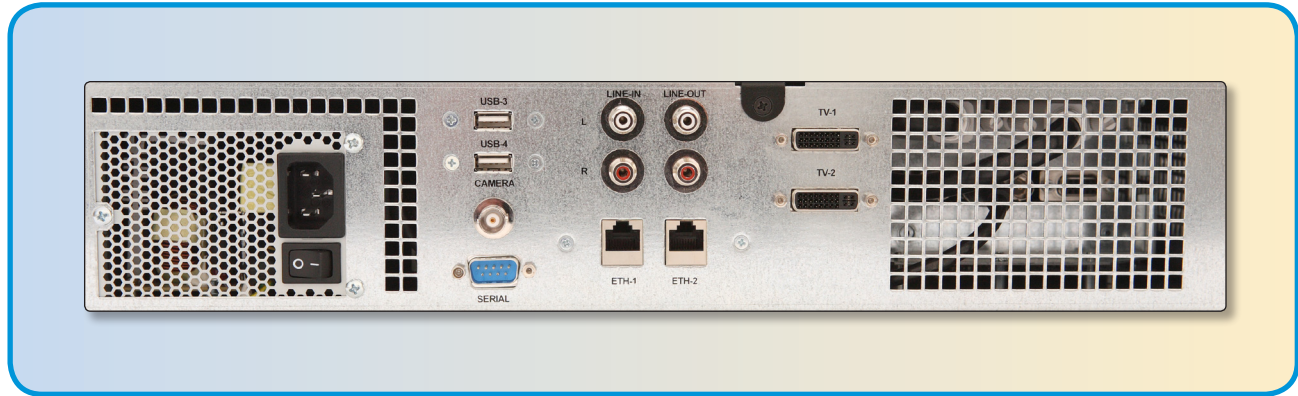
Application Specifications

Video	
Primary Video Codec	H.264 Annex G (SVC)
Legacy Video Codec	H.264 AVC, H.263+ via the VidyoGateway™
Transmit Max Resolution & Frame Rate Main Video	HD 720P @ 60 FPS @ 2Mbps min. or HD 720P @ 30 FPS@ 768Kbps min.
Receive Max Resolution & Frame Rate Main Video	1 x HD 720P @ 60 FPS plus 1 x HD 720P @ 30 FPS
Document Video	Up to WUXGA (fitted to screen resolution)
Screen Layout and Aspect Ratio	Full-Screen, 16:9
Local Preview	Supported
Multi Participants Views	- Voice Activated - Continuous Presence
Multi Participants Layout Control	- Automatic - Manually set the number of viewable sources
Dual Screen Support	Yes

Audio	
Primary Audio Codec	SPEEX Wideband 16KHz & 32KHz ¹
Legacy Audio Codecs	G.711 (A-, μ -Law), G.722, via VidyoGateway
Remote Unit Management and Control	
Interface	Web-based
Software Update	Automatic, Downloadable from VidyoPortal
User Interface	
Customizable, Multilingual Support & Enterprise Branding ¹	
Conference Control	
Through VidyoPortal	
Network and IP	
Maximum Data Rate	6 Mbps
NAT & Firewall Traversal	Supported
Encryption	AES ¹ , 128bit
Remote Control	IR Remote Control XML API for 3rd party integration (Crestron, AMX)

¹ Available in future version

VidyoRoom HD-200 Specifications (Continued)



Physical Specifications

Form Factor	
Stand-alone Chassis, (Freestanding or 19" Rack-mountable)	
Dimensions	
Height	3.6" (91mm)
Width	17.4" (442mm)
Depth	17.1" (434mm)
Gross Weight	32 Lbs (14.5kg)
Form Factor	2U Rackmount
Physical Interfaces	
Camera In	1 x HD-SDI – BNC
Camera Control	1 x RS-232
Video Out	2 x DVI-I
Audio In	2 x RCA (Stereo)
Audio Out	2 x RCA (Stereo)
USB-2	4 (2 front, 2 rear)
Network	2 x Gigabit Ethernet - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 outputs
Configuration	
Display Outputs	DVI-I, Up to 2 HD Displays DVI/HDMI (Plasma/LCD/Projector)
Camera (Optional)	HD PTZ Camera, HD-SDI Interface
Microphones (Optional)	USB Echo Cancellation Speaker-phone w/ Noise Suppression
Power Supply	
520W AC to DC power supply w/ PFC 100 - 240V, 50 - 60Hz, 7 - 3Amp	

Operating Environment	
Operating Temperature Range	10° to 35° C (50° to 95° F)
Non-Operating Temperature	-40° to 70° C (-40° to 158° F)
Humidity Range	8% - 90% (non-condensing)
Non-Operating Humidity Range	5% - 95% (non-condensing)
Regulatory	
USA - UL listed, FCC , Canada - CUL listed, Europe/CE Mark EN 60950/IEC 60950-Compliant	

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