

VidyoRoom™ HD-220

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.

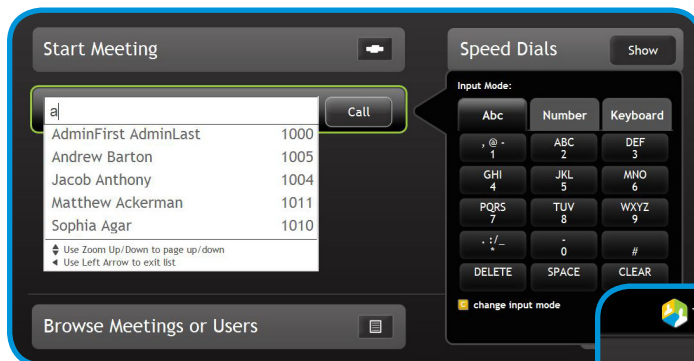
The VidyoRoom system is simple to use, easy to configure and supports both voice-activated and continuous presence layouts. The VidyoRoom interoperates seamlessly with VidyoDesktop™ clients, making it possible for people to join a conference from their home office or anywhere else they happen to be.



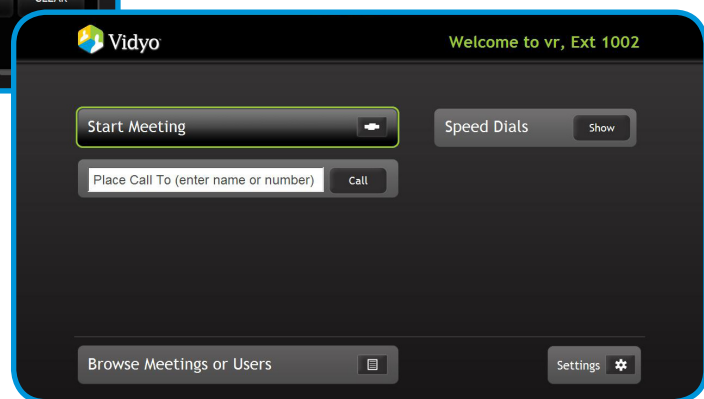
Features and Functions:

- **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-220 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 1080p @ 30fps @ 2Mbps min. ¹ or HD 720P @ 60 fps @ 2Mbps min. or HD 720P @ 30 fps @ 768Kbps min.
Receive Max Resolution & Frame Rate Main Video	2 x HD 1080p @ 30 fps ¹ or 2 x HD 720p @ 60 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	
Multilingual Support – English, Spanish, French, German, Italian, Portuguese, Japanese, Simplified Chinese, Korean	
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 early 2010

VidyoRoom HD-220 Specifications (Continued)

Physical Specifications

Form Factor	
Stand-alone Chassis, (Freestanding or 19" Rack-mountable)	
Dimensions	
Height	14.56" (370mm)
Width	3.44" (87.4mm)
Depth	12.59" (320mm)
Gross Weight	13.0 lbs (5.89kg)
Physical Interfaces	
Camera In	1 x HDMI
Camera Control	1 x RS-232 (through supplied Serial/USB dongle)
Video Out	2 x DisplayPort (through supplied DisplayPort to DVI converter)
Audio In	1 x 3.5mm Stereo Jack, USB
Audio Out	1 x 3.5mm Stereo Jack, USB
USB-2	6 (2 front, 4 rear)
Network	1 x Gigabit Ethernet - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 outputs
Configuration	
Camera (Optional)	HD PTZ Camera, HDMI Interface
Microphones (Optional)	USB Echo Cancellation Speaker-phone w/ Noise Suppression
Power Supply	
Auto-switching 300W AC to DC power supply w/ PFC 100 - 240V, 50 - 60Hz, 4 - 2Amp	
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	
EMI/EMC: EN55022, EN55024, FCC, VCCI, Australian/ New Zealand, MIC (Korea) Safety: USA - TUV certified, Canada - TUV certified, Europe/CE Mark EN 60950/IEC 60950-Compliant China: CCC Certification Environmental: RoHS compliant	



Vidyo, Inc.
433 Hackensack Ave
6th Floor
Hackensack, NJ 07601
Phone: +1.201.289.8597
Toll-free: +1.866.998.4396
Fax: +1.201.490.5340
www.vidyo.com

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