

# VidyoRoom™ HD-50

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The VidyoRoom HD-50 lowers the entry price for an HD video conferencing room system. The HD-50 can encode up to 720P and up to 30 FPS. It supports dual monitors to display conference participants on one monitor and shared applications on the other. Connect a Vidyo-certified USB-based video camera to complete the system. 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.

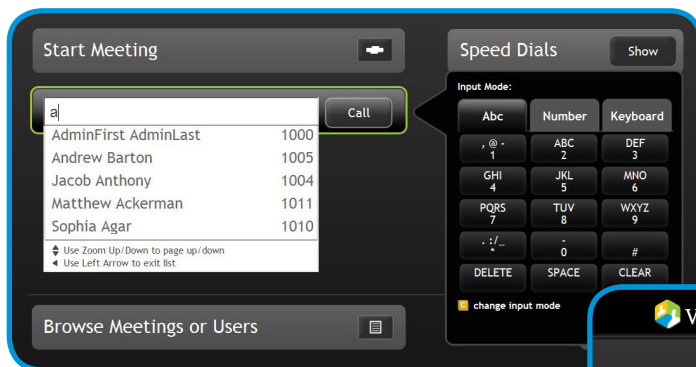


## Features and Functions:

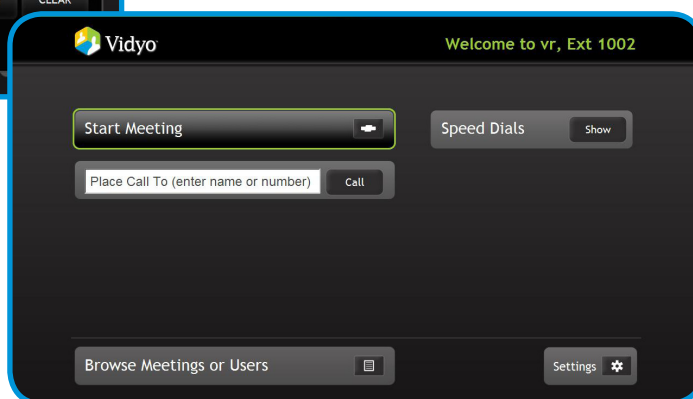
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- **Intuitive Graphical User Interface** – consistent with the VidyoDesktop Client - makes operating the VidyoRoom simple and straightforward
- Call initiation and entry into Private Meeting Room achieved with only one click
- **Full and automatic integration** with the VidyoPortal's user database. No need to maintain a local address book
- **Dual-screen view** – Participants on one screen, shared applications on separate screen
- Participants can **toggle between other users' shared windows** (not just a single share)
- **Individual Layout Control** – Toggle between equal view of all participants (continuous presence) or whichever person speaking is shown in larger window (voice activated 1+N layout)
- **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-50 Specifications



Easy to use and intuitive graphical user interface



### Application Specifications

Video	
Primary Video Codec	H.264 Annex G (SVC)
Legacy Video Codecs	H.264 AVC, H.263+ via the VidyoGateway™
Transmit Max Resolution & Frame Rate Main Video	Up to 720P and up to 30 FPS
Receive Max Resolution & Frame Rate Main Video Document Video	Up to 720P and up to 30 FPS 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 <sup>1</sup>
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 <sup>1</sup>	
Conference Control	
Through Portal	
Network and IP	
Maximum Data Rate	2 Mbps
NAT & Firewall Traversal	Supported
Encryption	AES 128bit <sup>1</sup>

<sup>1</sup> Available in future version

## VidyoRoom HD-50 Specifications (Continued)

### Physical Specifications

Form Factor	
Stand-alone Freestanding Chassis	
Dimensions	
Height	13" (330mm)
Width	3.5" (89mm)
Depth	12.75" (324mm)
Gross Weight	4.6 Lbs (2.1kg)
Physical Interfaces	
Camera In	1 x USB
Video Out	1 x HDMI 1 x VGA (for content)
Audio In	1 x 3.5mm Stereo Jack
Audio Out	1 x 3.5mm Stereo Jack
USB-2	5 (1 front, 4 rear)
Network	1 x Gigabit Ethernet - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 outputs
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	

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