



Vidyo[®]
Personal Telepresence

TECHNICAL NOTE

Choosing Peripheral Devices for the VidyoDesktop[™]

www.vidyo.com
1.866.99.VIDYO

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Choosing Peripheral Devices for the VidyoDesktop™

With its support for USB-based recording and playback devices, the VidyoDesktop affords tremendous flexibility in terms of the cameras, microphones and speakers you can choose from. However, not all devices provide the same level of performance. This technical note provides the information you'll need to determine which webcams and speakerphones and headsets to consider.

Please note that these lists aren't intended to be a comprehensive review of all available devices, but rather a sampling of devices with which we have sufficient experience to provide a qualified recommendation in the context of VidyoConferencing™ only. If you have a device that is not on this list, please feel free to experiment, but if you're looking for a sure thing, try one of the devices we recommend.

Webcams

Manufacturer	Model	Tested On	Notes
RECOMMENDED			
Logitech	HD Pro Webcam C910	Windows Mac	HD Pro Webcam C910 is the consumer HD webcam from the Logitech HD Pro Webcam family. The camera can encode 720p 30 fps or 1080p 15 fps HD quality video and it also has built-in stereo mics on each side of the webcam lens.
Logitech	HD Pro B910 HD Webcam	Windows Mac	The same camera as the HD Pro Webcam C910, branded for the business market.
Logitech	Webcam Pro 9000	Windows	HD version of the Quickcam 9000 Pro. Vidyo can encode up to 720p 30fps with this camera.
Logitech	Quickcam Pro 9000	Windows	Install the latest Logitech drivers without the QuickCam application. Vidyo can encode up to 960x540 with this camera.
Logitech	Webcam Pro C905	Windows	HD version of the Quickcam for Notebooks Pro. Vidyo can encode up to 720p with this camera.
Logitech	Quickcam Pro for Notebooks	Windows	Similar to Quickcam 9000 Pro but more portable.
Logitech	QuickCam Orbit/Sphere AF	Windows	Same as 9000 Pro but with PTZ (Pan, Tilt, Zoom). <i>Note that this device is not supported from the VidyoDesktop User Interface.</i>

Manufacturer	Model	Tested On	Notes
Logitech	Quickcam Vision Pro	Windows Mac	Best for Macs with older iSights or no camera. Better CMOS than 9000 and has autofocus and RightLight built in (UVC Camera = driverless) Great for Windows too.
Creative	Live! Cam Socialize HD	Windows	
SUPPORTED			
Apple	iSight (Built in Webcam)	Mac	
Logitech	Webcam HD C310	Windows	Lower cost HD webcam.
Logitech	Webcam C600	Windows	Lower cost HD webcam in spherical form factor supporting less than 30 fps at HD.
Gigaware	2.0-MP PC Camera	Windows	Good frame rate and resolution but slightly blurry image.
HP	Elite AutoFocus	Windows	
Globalmedia	iREZ K2r Webcam	Windows	
Microsoft	MS Lifecam NX-6000	Windows	
Hercules	Dualpix Infinite	Windows	Autofocus is a bit jumpy.
Liquid Digital Solutions	aGent V4 HD	Windows Mac	

Headsets

Manufacturer	Model	Tested On	Notes
RECOMMENDED			
Microsoft	Lifechat LX-3000	Windows	
Plantronics	DSP-400	Windows Mac	Use with included DSP adapter 02.
Cyber Acoustics	AC-840, AC-850	Windows	
SUPPORTED			
Microsoft	Lifechat ZX-6000	Windows	Wireless device with USB adapter.

Manufacturer	Model	Tested On	Notes
Logitech	ClearChat Comfort USB	Windows	
Logitech	ClearChat PC Wireless	Windows	Wireless headset with USB adapter.

Echo-Cancelling Speakerphones

Manufacturer	Model	Tested On	Notes
RECOMMENDED			
Jabra	Jabra SPEAK 410		This product performs very well with our VidyoDesktop. It has good acoustic echo cancellation and noise suppression.
ClearOne	Chat 50, Chat 60	Windows	Suitable for: Personal systems only. Mic pickup: 30 cms. Supported by: VidyoDesktop, VidyoRoom HD-50 and HD-100. Good for Windows; not recommended for Mac.
Plantronics	Calisto 420		
Konftel	Konftel 300	Windows	Great personal system; you need the base unit only. The Konftel 300 can be connected to an external PA system for even more impressive audio. Works well with both types of systems.
Phoenix	Duet Executive	Mac	
Yamaha	PJP-20UR, PJP-25UR	Windows Mac	Compact with movable microphone arms.
SUPPORTED			
ClearOne	Chat 150	Windows	

Conclusion

We hope this information has helped you to choose devices that create the experience you desire in your Vidyo conferences. For more information or additional ideas on how to get the most out of your VidyoDesktop system, please contact your local Vidyo sales engineer.

For more information: www.vidyo.com/1.866.99.VIDYO