




Polycom Video Product Line Card

Office Products Segment

Revised 21-Dec-04

Classification	Desktop	Small/Home Office	Executive Office
Product Name	Polycom PVX	Polycom V500	Polycom VSX 3000
			
Positioning			
Positioning	Advanced software application for use with standard PC and USB camera.	Affordable video calling system designed for the small business or home user-simple to install and use	The worlds' first integrated video conferencing system that doubles as a PC display
General			
Product Description	Software CD and licensing	Integrated Video Calling System in a set top format; remote control, integrated camera and microphone	Integrated video conferencing system within an LCD display; remote control, integrated camera, 2 microphones, 2 speakers
Audio			
Audio protocols	G.711, G.722, G.722.1,G.728,G.729A, Siren14	G.711, G.722, G.722.1,G.728,G.729, Siren14	G.711, G.722, G.722.1,G.728,G.729, Siren14, Polycom StereoSurround
Microphone Support	For use with PC integrated microphone	Integrated microphone- no additional inputs	Dual integrated microphone- no additional inputs
Audio Inputs	For use with PC integrated speakers	Integrated Microphone	Integrated Dual microphones, 1xRCA (L+R)
Audio Outputs	n/a	2 x RCA stereo line level, 3.5mm stereo mini headphone jack	Integrated Dual speakers, 3.5 mm stereo mini jack, Auxiliary line level
Video			
Video protocols	H.261,H.263, H.263+, H.264 (up to 768 kbps)	H.261,H.263+, H.263++, H.264	H.261,H.263+, H.263++, H.264
Video Inputs	n/a	Integrated Main Camera	Integrated Main Camera/1 X RCA Composite Video
Video Outputs	Supports multiple monitors (with PC video card)	1 X RCA Composite Video/ 1 x Mini-DIN S-Video	n/a
H.263-60 Fields	n/a	Receive Pro-Motion	Receive Pro-Motion
Network Support			
SIP Support	n/a	yes	yes
Cisco ECS Support	n/a	yes	yes
Embedded AES	yes	yes	yes
Auto NAT	yes	yes	yes

Product Name	PVX	V500	VSX 3000
Network Support			
VPN	yes	n/a	n/a
Telephony features	Transfer, Forward	n/a	n/a
QoS	IP Precedence, DiffServ	IP Precedence, DiffServ	IP Precedence, DiffServ
IP Bandwidth	56 Kbps - 2 Mbps	56 Kbps - 768 Kbps	56 Kbps - 2Mbps
ISDN Options	na/	Single BRI	QBRI
ISDN Bandwidth	n/a	128 Kbps (separate model)	512 Kbps (separate model)
Voice-Add Features			
ISDN Voice-Add*	n/a	n/a	yes
VoIP*	yes	n/a	yes
Camera			
Resolution	dependent on camera	1/5" CCD	1/5" CCD
PTZ	dependent on camera	manual only	manual only
Field of View	dependent on camera	60 degrees	60 degrees
Collaboration			
People+Content	yes	via People+Content IP	via People+Content IP
Content resolution	XGA	4CIF	4CIF
XGA Laptop in	n/a	n/a	For use as PC Display
Serial Port/Telnet API	n/a	n/a	yes**
Web Streaming	n/a	n/a	yes
Remote web viewing	yes	yes	yes
T.120	yes	n/a	n/a
Multipoint			
Availability	n/a	n/a	Option
3-way line rate (max)	n/a	n/a	512 Kbps
4-way line rate (max)	n/a	n/a	384 Kbps

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* Requires MPPlus Key
** Telnet API Only
Revision 2.0



Polycom Video Product Line Card

Group Products Segment

Revised 21-Dec-04

Classification	Entry	Mainstream			Performance		
Product Name	Polycom VSX 6000	Polycom VSX 7000	Polycom VSX 7400	Polycom VSX 7800	Polycom VSX 8000	Polycom VSX 8400	Polycom VSX 8800
							
Positioning							
Positioning	Ideal for IP-ready environments and small group applications.	Ideal set-top for essential video conferencing. Flexible enough to configure with options.	Set-top configuration for the optimum collaboration solution with People+Content, Web Streaming and Closed Captioning.	Top-of-the-line set-top video conferencing with the most advanced features.	Specially designed with integrators in mind. Ideal for custom integrated environments with Vortex products.	Ideal for an instructor or presenter environment. Add peripherals for added presentation impact.	For maximum performance in a high-end video conferencing system, choose the VSX 8800.
General							
Product Description	Codec w/ integrated camera, remote control, 1 microphone.	Codec w/ integrated camera, remote control, 1 microphone, Subwoofer	VSX 7000 with integrated camera, remote control, 1 microphone, Subwoofer, People+Content, 2nd Monitor Support	VSX 7000 with integrated camera, remote control, 1 microphone, Subwoofer, People+Content, 2nd Monitor Support, Stereo Speaker Kit, <i>MPPlus</i>	1U rack-mount codec, remote control	VSX 8000 with PowerCam, remote control, 2 microphones, People+Content	VSX 8000 with PowerCam Plus, remote control, 2 microphones, People+Content, Stereo Speaker Kit, <i>MPPlus</i>
Audio							
Audio protocols	G.711, G.722, G.722.1, G.728, G.729, Siren14, Polycom StereoSurround	G.711, G.722, G.722.1, G.728, G.729, Siren14, Polycom StereoSurround	G.711, G.722, G.722.1, G.728, G.729, Siren14, Polycom StereoSurround	G.711, G.722, G.722.1, G.728, G.729, Siren14, Polycom StereoSurround	G.711, G.722, G.722.1, G.728, G.729, Siren14, Polycom StereoSurround	G.711, G.722, G.722.1, G.728, G.729, Siren14, Polycom StereoSurround	G.711, G.722, G.722.1, G.728, G.729, Siren14, Polycom StereoSurround
Microphone Support	single microphone array	up to 3 microphone arrays	up to 3 microphone arrays	up to 3 microphone arrays	up to 3 microphone arrays or 2 third party microphones	up to 3 microphone arrays or 2 third party microphones	up to 3 microphone arrays or 2 third party microphones
Audio Inputs	1 x ConferenceLink, 2 x RCA	1 x ConferenceLink, 2 x RCA	1 x ConferenceLink, 2 x RCA	1 x ConferenceLink, 2 x RCA	1 x ConferenceLink, 2 x RCA, 2 x Phoenix balanced line-level or mic level, 1 x RJ-11	1 x ConferenceLink, 2 x RCA, 2 x Phoenix balanced line-level or mic level, 1 x RJ-11	1 x ConferenceLink, 2 x RCA, 2 x Phoenix balanced line-level or mic level, 1 x RJ-11
Audio Outputs	2 x RCA, integrated speaker	2 x RCA, integrated speaker plus subwoofer	2 x RCA, integrated speaker plus subwoofer	2 x RCA, stereo speaker kit	4 x RCA/Phono, line-level; 2 x Phoenix balanced line-level	4 x RCA/Phono, line-level; 2 x Phoenix balanced line-level	4 x RCA/Phono, line-level; 2 x Phoenix balanced line-level, stereo speaker kit
Video							
Video protocols	H.261, H.263+, H.263++, H.264	H.261, H.263+, H.263++, H.264	H.261, H.263+, H.263++, H.264	H.261, H.263+, H.263++, H.264	H.261, H.263+, H.263++, H.264	H.261, H.263+, H.263++, H.264	H.261, H.263+, H.263++, H.264
Video Inputs	Integrated main camera, 1 x Composite	Integrated main camera, 1 x Mini-DIN S-Video, 1 x Composite	Integrated main camera, 1 x Mini-DIN S-Video, 1 x Composite	Integrated main camera, 1 x Mini-DIN S-Video, 1 x Composite	1 x BNC S-Video, 2 x Mini-DIN S-Video, 1 x VGA	1 x BNC S-Video, 2 x Mini-DIN S-Video, 1 x VGA	1 x BNC S-Video, 2 x Mini-DIN S-Video, 1 x VGA

Product Name	VSX 6000	VSX 7000	VSX 7400	VSX 7800	VSX 8000	VSX 8400	VSX 8800
Video							
Video Outputs	1 x Mini-DIN S-Video, 1 x Composite	1 x Mini-DIN S-Video, 1 x Composite	2 x Mini-DIN S-Video, 2 x Composite, 1 x VGA	2 x Mini-DIN S-Video, 2 x Composite, 1 x VGA	1 x BNC S-Video, 2 x Mini-DIN S-Video, 1 x VGA	1 x BNC S-Video, 2 x Mini-DIN S-Video, 1 x VGA	1 x BNC S-Video, 2 x Mini-DIN S-Video, 1 x VGA
H.263-60 Fields	n/a	Pro-Motion @ above 512	Pro-Motion @ above 512	Pro-Motion @ above 512	Pro-Motion @ above 512	Pro-Motion @ above 512	Pro-Motion @ above 512
Network Support							
SIP Support	yes	yes	yes	yes	yes	yes	yes
Cisco ECS Support	yes	yes	yes	yes	yes	yes	yes
Embedded AES	yes	yes	yes	yes	yes	yes	yes
IP Bandwidth	56 Kbps - 768 Kbps	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs
ISDN Options	n/a	QBRI/PRI	QBRI/PRI	QBRI/PRI	QBRI/PRI	QBRI/PRI	QBRI/PRI
ISDN Bandwidth	n/a	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs	56 Kbps - 2 Mbs
Other Interfaces	n/a	Serial (V.35/RS449/RS530 with RS336 dialing)	Serial (V.35/RS449/RS530 with RS336 dialing)	Serial (V.35/RS449/RS530 with RS336 dialing)	Serial (V.35/RS449/RS530 with RS336 dialing)	Serial (V.35/RS449/RS530 with RS336 dialing)	Serial (V.35/RS449/RS530 with RS336 dialing)
Voice-Add Features							
POTS Port*	n/a	n/a	n/a	n/a	yes	yes	yes
ISDN Voice-Add*	n/a	yes	yes	yes	yes	yes	yes
VoIP*	yes	yes	yes	yes	yes	yes	yes
SoundStation VTX 1000 Integration	yes	yes	yes	yes	yes	yes	yes
Vortex Integration	n/a	yes	yes	yes	yes	yes	yes
Camera							
Resolution	1/4" CCD	1/4" CCD	1/4" CCD	1/4" CCD	1/4" CCD	1/4" CCD	1/4" CCD
PTZ	mech PT,12x zoom	mech PT,12x zoom	mech PT,12x zoom	mech PT,12x zoom	mech PT,12x zoom	mech PT,12x zoom	mech PT,12x zoom
Field of View	65 degrees	65 degrees	65 degrees	65 degrees	65 degrees	65 degrees	65 degrees
Camera presets	99 local/far	99 local/far	99 local/far	99 local/far	99 local/far	99 local/far	99 local/far
Camera Tracking to presets	n/a	n/a	n/a	n/a	yes	yes	yes
FECC H.320/H.281	yes	yes	yes	yes	yes	yes	yes
FECC H.323	Proprietary/AnnexQ	Proprietary/AnnexQ	Proprietary/AnnexQ	Proprietary/AnnexQ	Proprietary/AnnexQ	Proprietary/AnnexQ	Proprietary/AnnexQ
Collaboration							
People+Content Solution	Visual Concert VSX (option)	Visual Concert VSX (option)	Visual Concert VSX (included)	Visual Concert VSX (included)	ImageShare II/Direct VGA (included)	ImageShare II/Direct VGA (included)	ImageShare II/Direct VGA (included)
People+Content IP	option	option	included	included	included	included	included
Content resolution	XGA	XGA	XGA	XGA	XGA	XGA	XGA
Single Monitor XGA	n/a	n/a	n/a	n/a	yes	yes	yes
Serial Port/Telnet API	n/a	yes	yes	yes	yes	yes	yes
Web Streaming	yes	yes	yes	yes	yes	yes	yes
Remote web viewing	yes	yes	yes	yes	yes	yes	yes
Multipoint							
Availability	n/a	Option	Option	Included	Option	Option	Included
3-way line rate (max)	n/a	512 Kbps	512 Kbps	512 Kbps	512 Kbps	512 Kbps	512 Kbps
4-way line rate (max)	n/a	384 Kbps	384 Kbps	384 Kbps	384 Kbps	384 Kbps	384 Kbps

* Requires installation of MP Plus Software License

Revision 2.0



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