

	Mirial 6.2.2	PVX 8.04	vPoint HD 8.0 Professional
General Standards	H.323, SIP, H.239	H.323, SIP, H.239, T.120	H.323, H.320, H.239
System (PC) - Requirements (Minimum)			
H.263 Video	P3 800Mhz	P4 1,2 GHz	P4 2,0 GHz
H.264 Video	P4 2,0GHz	P4 1,5 GHz	P4 2,8 GHz
H.239+Video	DualCore CPU	P4 2,2 GHz	DualCore CPU
HD 720p	DualCore CPU	no HD possible	DualCore CPU
Operating System	Windows 2000/XP/2003/Vista (including 64 bit Versions)	Windows 2000/XP/2003/Vista	Windows 2000/XP/Vista
Microsoft Software	DirectX 9.0c	DirectX 9.0 b	DirectX 9.0
Main Memory (available)	1GB Ram	256Mb Ram	512Mb Ram
Hard Disc Space	20Mb	100 MB	25 MB
Effectiveness (20%)	3,0	4,0	3,5
Audio Specifications			
Audio Standards (Codecs)	G.711 μ -law, A-law, G.722.1 AnnexC, G.723.1	G.711, G.722, G.722.1, G.728, G.729A	G.711, G.722, G.722.1, G.722.1 AnnexC G.723.1, G.728, G.729, AAC-LD
Full Duplex	yes	yes	yes
Echo Cancelation	yes	yes	yes
VAD (Voice Activity Detection)	yes	yes	yes
Audio Quality (30%)	3,0	3,0	3,0
Video Specifications			
Video Compression	H.261, H.263, H.263 +, H.264	H.261, H.263, H.263 +, H.264	H.261, H.263, H.263 +, H.263 ++, H.264
Supported Resolution	HD 1080p, 720p 4CIF, CIF, QCIF, SQCIF	CIF, SIF, QCIF, QVGA	HD 720p, 4CIF, 4SIF
Bandwidth (H.264)	2 Mbps IP	2 Mbps IP	1 Mbps IP
Maximum Number of Participants	3	2	2
H.239 Presentation	up to XGA	up to XGA	up to XGA
Video Quality (30%)	3,0	4,0	3,0
Equipment & Handling			
	Mirial 6.2.2 combines functionality with good handling. The easy installation and intuitive interface are definite pros. The availability of 3way video conferencing, to put participants on hold and forwarding are just some of the highlights. Furthermore Mirial is the only Software capable of 1080p.	The PVX 8.04 impresses by its classy design. However the software is not state of the art. Lacking HD functionality it is not future-proof.	vPoint HD 8.0 Professional is a solid piece of software. However the user interface is confusing and the no. of supported resolutions is not much.
Evaluation (20%)	2,0	4,0	3,5
Score (1=best 5=worst)	2,8	3,7	3,2
Recommended Retail Price in €	166,88	120,00	306,9

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