



Home



VLC Media Player



Streaming



Documentation



Support



Developers

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VLC features list



Inputs	Unicast	UDP / RTP	UDP / RTP	UDP / RTP	UDP / RTP	UDP / RTP	UDP / RTP
	Multicast	UDP / RTP	UDP / RTP	UDP / RTP	-	UDP / RTP	UDP / RTP
	HTTP	Yes	Yes	Yes	Yes	Yes	Yes
	FTP	Yes	Yes	Yes	Yes	Yes	Yes
	MMS	Yes	Yes	Yes	Yes	Yes	-
	File	Yes	Yes	Yes	Yes	Yes	Yes
	DVD [1]	Yes	Yes	Yes	Yes	Yes	-
	VCD	Yes	Yes	Yes	No	Yes	-
	Audio CD	CVS Only	CVS Only	CVS Only	CVS Only	CVS Only	CVS Only
	Satellite (Hauppauge Nova)	No	No	Yes	No	No	-
	MPEG encoding card [5]	No	No	Yes	No	No	-
	Video acquisition	No	No	V4L	No	No	-
Input formats	MPEG ES/PS/TS/mp3	Yes	Yes	Yes	Yes	Yes	Yes
	Avi	Yes	Yes	Yes	Yes	Yes	Yes
	Asf/wmv/wma	Yes	Yes	Yes	Yes	Yes	Yes
	Ogg/ogm	Yes	Yes	Yes	Yes	Yes	Yes
	Mp4/mov	Yes	Yes	Yes	Yes	Yes	Yes
	Wav	Yes	Yes	Yes	Yes	Yes	Yes
	Raw DV	Yes	Yes	Yes	Yes	Yes	Yes
	Raw AAC	Yes	Yes	Yes	Yes	Yes	Yes
	Raw ac3/a52	Yes	Yes	Yes	Yes	Yes	Yes
Video Codecs	MPEG-1	Yes	Yes	Yes	Yes	Yes	Yes
	MPEG-2	Yes	Yes	Yes	Yes	Yes	Yes
	DivX 1/2/3	Yes	Yes	Yes	Yes	Yes	Yes
	MPEG-4/DivX 5/XviD/3ivX D4	Yes	Yes	Yes	Yes	Yes	Yes
	Sorenson (SVQ) 1	Yes	Yes	Yes	Yes	Yes	Yes
	Sorenson (SVQ) 3	CVS Only	CVS Only	CVS Only	CVS Only	CVS Only	CVS Only
	DV	Yes	Yes	Yes	Yes	Yes	No
	Cinepak	Yes	Yes	Yes	Yes	Yes	No
	Tarkin	Yes	Yes	Yes	Yes	Yes	No
	Theora	Yes	Yes	Yes	Yes	Yes	No
	H263/H263i	Yes	Yes	Yes	Yes	Yes	Yes
	Mjpeg A/B	Yes	Yes	Yes	Yes	Yes	Yes
Subtitles	WMV 1/2	Yes	Yes	Yes	Yes	Yes	Yes
	DVD	Yes	Yes	Yes	Yes	Yes	-
	MicroDVD	Yes	Yes	Yes	Yes	Yes	-
	SubRIP	Yes	Yes	Yes	Yes	Yes	-
	SSA1-4	Yes	Yes	Yes	Yes	Yes	-
	SAMI	Untested	Untested	Untested	Untested	Untested	-
	Vplayer	Yes	Yes	Yes	Yes	Yes	-
Video Filters	Deinterlace	Yes	Yes	Yes	Yes	Yes	Yes
	Crop	Yes	Yes	Yes	Yes	Yes	Yes
	Image Wall	Yes	Yes	Yes	Yes	Yes	Yes
	Brightness-Saturation-Contrast	Yes	Yes	Yes	Yes	Yes	Yes
	Rotate	Yes	Yes	Yes	Yes	Yes	Yes
	Upside down	Yes	Yes	Yes	Yes	Yes	Yes
Video Output	Native	DirectX GDI	QuickTime	Yes	Yes	Yes	Qte
	X11	-	Source Only	Yes	-	Yes	Yes
	Xvideo	-	-	Yes	-	Yes	-
	SDL	Yes	No	Yes	Untested	Yes	Yes

VLC - Features

	Framebuffer	-	-	Yes	-	-	No
	ASCII art	No	No	Yes	No	Yes	No
	MGA	-	-	Yes	-	-	-
	GGI	-	-	Yes	-	Untested	-
Audio Codecs	MPEG Layer 1 and 2	Yes	Yes	Yes	Yes	Yes	Yes
	MP3	Yes	Yes	Yes	Yes	Yes	Yes
	AC3 (i.e. A52)	Yes	Yes	Yes	Yes	Yes	Yes
	LPCM	Yes	Yes	Yes	Yes	Yes	Yes
	AAC	Yes	Yes	Yes	Yes	Yes	No
	Vorbis	Yes	Yes	Yes	Yes	Yes	Yes
	WMA 1/2	Yes	Yes	Yes	Yes	Yes	No
	ADPCM	Yes	Yes	Yes	Yes	Yes	No
	DV Audio	Yes	Yes	Yes	Yes	Yes	No
	FLAC	Yes	Yes	Yes	Yes	Untested	Yes
Audio Output	Native	DirectX WaveOut	Yes	OSS ALSA	Yes	OSS	Yes
	S/PDIF	DirectX WaveOut	Yes	OSS ALSA	No	Untested	-
	multi-channel	DirectX WaveOut	Yes	OSS ALSA	No	Untested	No
	SDL	Yes	Source Only	Yes	Untested	Yes	Yes
	ESD	-	-	Yes	-	Yes	No
	aRts	-	-	Yes	-	Yes	-
	File	Yes	Yes	Yes	Yes	Yes	Yes
Stream Output	See the Streaming features page						
Interfaces	Native	Yes	Cocoa	-	Yes	-	GPE
	GTK+	Yes	-	Yes	-	Yes	Yes
	Gnome	-	-	Yes	-	Yes	No
	QT	-	-	Yes	-	Yes	No
	KDE	-	-	Yes	-	Yes	-
	WxWindows	Yes	No	Yes	-	Yes	No
	Skins	Yes	No	CVS only	No	No	No
	HTTP/Webpage	CVS only	CVS only	CVS only	CVS only	CVS only	CVS only
Service Information	SAP / SDP	Yes	Yes	Yes	No	Yes	No
	SLP	Yes	Yes	Yes	-	Untested	No
Misc	Command line	Yes	Yes	Yes	Yes	Yes	Yes
	Remote Control	Yes	Yes	Yes	Yes	Yes	Yes
	Infrared	No	Source Only	Yes	No	No	No
	Mozilla plugin	No	No	Yes	No	No	No
	DVD Menus ^[2]	Yes	Yes	Yes	Yes	Yes	-
	Localisation	Yes	Yes	Yes	CVS only	Yes	No
	IPv6	Yes	Yes	Yes	-	Yes	Yes
	CPU acceleration ^[3]	Yes	Yes	Yes	Yes	Yes ^[4]	No



[1] DVD decryption is done through the libdvdcss library.

[2] DVD navigation is done through the libdvdplay library.

[3] supported CPU extensions are MMX, MMXEXT, SSE and 3D Now! on x86 processors, and AltiVec on G4 processors.

[4] the OpenBSD 2.9 default assembler does not support MMX.

[5] VideoLAN supports two MPEG-2 encoding cards: Hauppauge WinTV-PVR-250 and Visiontech Kfir.