

How much video can I fit on a single DVD?

It varies, depending on the content and disc type. Just keep in mind that the more content you pack into a disc, the lower the bit-rate will be (possibly resulting in some visible compression artifacts). Lots of action and movement requires a higher bit-rate to compress than a static slide presentation or screen-cast does.

Disc Type	Disc Size	Approximate Video Capacity	
		Screen-cast Content	Live-action Content
Single-Layer DVD (DVD-5)	4.37 GiB	3-4 hours	2-3 hours
Dual-Layer DVD (DVD-9)	7.95 GiB	5-6 hours	4-5 hours

What features do DVD's support?

Multiple video streams, video angles, audio tracks, subtitle tracks, static and motion menus, slideshows, stories, and chapters.

What video format do DVD's use?

MPEG-2 video, CBR or VBR, 2-8 Mbps.

What audio format do DVD's use?

PCM, AC3, or DTS audio, up to 6 channels, 64-1500 Kbps.

Do DVD's have special formatting requirements?

Yes. All the audio, video, subtitle, and menu content must be in the correct format, and then muxed (joined) into a series of VOB files. These are then combined with the video manager and title set IFO, BUP, & VOB files in a standardized format, and recorded using the UDF filesystem.

What does Vervanté need from me?

To begin DVD duplication we need a correctly authored DVD Master. If you want to create it yourself there are many commercially available software programs that will allow you to do this. These programs vary significantly in price, complexity, and capability. Alternatively, if you want to just send us whatever files you have, our in-house video production team would be more than happy to author a professional and fully standards-compliant DVD Master for you.

DVD Format Comparison

	Frame Aspect Ratio	Resolution	Pixel Aspect Ratio	Frames Per Second
NTSC Fullscreen	4:3	720x480	0.91	29.97
NTSC Widescreen	16:9	720x480	1.21	29.97
PAL Fullscreen	4:3	720x576	1.09	25
PAL Widescreen	16:9	720x576	1.46	25