

FORMAT COMPARISON CHART

	width	height	frame rate	field rendering	pixel aspect
1080/60i	1920	1080	29.97	interlaced	square
1080/60p	1920	1080	59.94	progressive	square
1080/30p	1920	1080	29.97	progressive	square
1080/24p	1920	1080	23.98	progressive	square
720/60p	1280	720	59.94	progressive	square
720/24p	1280	720	23.98	progressive	square
HDV-1	1280	720	29.97	progressive	square
HDV-2	1440	1080	29.97	interlaced	rectangle
SD	720	480	29.97	progressive	0.9
SD	720	480	29.97	interlaced	0.9
SD Anamorphic	720	486	29.97	interlaced	1.2
NTSC	720	480	29.97	interlaced	0.9
PAL	720	576	25	interlaced	1.07
1080/50i	1920	1080	25	interlaced	square
1080/25p	1920	1080	25	progressive	square
The RED formats*	width	height	shooting frame rate	fields	pixel aspect
4.5K	4520	2540	1-60	progressive	square
4K	4096	2160	1-60	progressive	square
2K	2048	1080	1-120	progressive	square

*These are down-converted to the MHD Supported Formats above for HD, HD PAL or SD/PAL
 Also the RED footage can be shot and/or down-converted to the Vertical HD formats

MHD Vertical Formats	width	height	frame rate	field rendering	pixel aspect
1080/60i	1080	1920	29.97	interlaced	square
1080/60p	1080	1920	59.94	progressive	square
1080/30p	1080	1920	29.97	progressive	square
1080/24p	1080	1920	23.98	progressive	square
720p	720	1280	59.94	progressive	square
1080/50i	1080	1920	25	interlaced	square
1080/25p	1080	1920	25	progressive	square