



Phantom 35/HD speed chart

	Phantom HD 16GB RAM	Phantom HD 32GB RAM	Phantom HD 512GB CineMag
Sensor	2048 x 2048	2048 x 2048	2048 x 2048
Max Resolution	2048 x 2048	2048 x 2048	2048 x 2048
Max RAM [on-board or CineMag]	16 GB	32 GB	512 GB
Record Time at max fps 14-bit depth	4.2 s	8.4 s	425 s

	Resolution	Aspect Ratio	Maximum Frame Rate Maximum Available Frames in Memory					
			555 fps	555 frames	555 fps	555 frames	237 fps	237 frames
2K	2048 x 2048	1.00	2,315	frames	4,656	frames	100,736	frames
			740	fps	740	fps	316	fps
	2048 x 1536	1.33	3,086	frames	6,208	frames	134,314	frames
			1,021	fps	1,021	fps	437	fps
2048 x 1112	1.85	4,259	frames	8,566	frames	185,528	frames	
		1,302	fps	1,302	fps	557	fps	
2048 x 872	2.35	5,429	frames	10,920	frames	236,590	frames	
		793	fps	793	fps	339	fps	
Anamorphic	1712 x 1432	2.39	3,308	frames	6,653	frames	144,069	frames
			1,052	fps	1,052	fps	450	fps
HD	1920 x 1080	1.78	4,385	frames	8,819	frames	191,025	frames
			1,576	fps	1,576	fps	675	fps
> NTSC	1280 x 720	1.78	6,584	frames	13,243	frames	286,537	frames
			1,478	fps	1,478	fps	633	fps
	1024 x 768	1.33	6,173	frames	12,416	frames	268,629	frames
			1,890	fps	1,890	fps	810	fps
800 x 600	1.33	7,886	frames	15,862	frames	343,845	frames	
		2,361	fps	2,361	fps	1,014	fps	
854 x 480	1.78	9,877	frames	19,865	frames	429,806	frames	
		2,361	fps	2,361	fps	1,014	fps	
640 x 480	1.33	9,877	frames	19,865	frames	429,806	frames	
		2,947	fps	2,947	fps	1,249	fps	
< NTSC	512 x 384	1.33	12,346	frames	24,832	frames	537,258	frames
			4,700	fps	4,700	fps	1,807	fps
320 x 240	1.33	19,754	frames	39,731	frames	859,613	frames	