HD Maximum Recording Speed vs. Image Size

The PhantomHD camera system can record up to 555 pictures per second using the full 2048 x 2048 pixel SR-CMOS imaging sensor array. The operator may also specify other aspect ratios to increase speeds or extend recording times.

The chart below details the PhantomHD aspect ratio choices available in the setup screen pull down menu. Using the CAR (Continuous Adjustable Resolution) feature, speeds between these values are continuously adjustable in 96 x 8 pixel increments.

Resolution	Rate
2048 x 2048	555
2048 x 1536	740
2048 x 1024	1109
2048 x 8	111111
1920 x 1200	946
1920 x 1080	1052
1280 x 720	1576
1024 x 1024	1109
1024 x 768	1478
1024 x 512	2213
800 x 600	1890
720 x 576	1969
720 x 480	2361
640 x 480	2361
512 x 512	2213
320 x 240	4700

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