



v7.1 Maximum Recording Speed vs. Image Size

The Phantom v7.1 camera systems can record up to 4,800 pictures per second using the full 800x600 pixel SR-CMOS imaging sensor array. The operator may also specify other aspect ratios to increase recording speeds or extend recording times.

The chart below details the Phantom v7.1 aspect ratio choices available in the setup screen pull down menu. Using the CAR (Continuously Adjustable Resolution) feature, speeds between these values are continuously adjustable in 16x8 pixel increments.

Resolution	Rate
800x600	4,800
640x480	7,300
320x240	24,400
160x120	64,500
512x512	8,300
512x384	10,900
512x256	16,000
512x128	29,600
512x64	51,500
384x512	10,600
256x512	14,500
256x256	27,000
256x128	47,600
256x64	76,900
128x512	23,000
128x256	41,300
128x128	68,500
128x64	102,000
64x64	121,000
32x32	160,000

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