



v9.0 Maximum Recording Speed vs. Image Size

The Phantom v9.0 camera system records up to 1,000 pictures per second using the full 1632x1200 pixel SR-CMOS imaging sensor array. The operator may specify other aspect ratios to increase recording speeds or extend recording times.

The chart below details some of the Phantom v9.0 aspect ratio choices available from a resolution and sample rates pull down menu. Using the CAR (Continuously Adjustable Resolution) feature, resolution/speed settings between these values are continuously adjustable in 48x8 pixel increments.

Resolution	Rate
1632x1200	1,019
1632x960	1,272
1632x480	2,527
1632x240	4,991
1200x1200	1,325
1200x480	3,279
1200x240	6,452
960x960	1,983
960x480	3,928
960x240	7,704
480x480	6,502
480x240	12,594
480x120	23,697
480x60	42,373
240x240	18,450
240x120	33,784
240x60	57,803
144x144	35,122
144x96	48,431
144x48	77,979
96x96	53,671
96x48	84,631
96x32	104,778
48x48	92,524
48x32	112,714
48x16	144,175

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