






# edgertronic

- SC2+ high speed camera 4,456 frames/sec at 720P resolution
- SC2 high speed camera 3,350 frames/sec at 720P resolution
- SC1 high speed camera 700 frames/sec at 720P resolution

## EDGERTRONIC CAMERA COMPARISON

The following table compares the features of the edgertronic cameras.

Feature				
	SC1	SC2	SC2+	SC2X
Color / Monochrome	Both (Build option)	Both (Build option)	Both (Build option)	Color only
Video memory	8 GB or 16 GB	8 GB	16 GB	16 GB
Exposure	1/10 to 1/250,000 sec	1/30 to 1/800,000 sec	1/30 to 1/800,000 sec	1/30 to 1/800,000 sec
ISO range[1]	Color – 1,600 to 25,600 Mono – 6,400 to 102,400	Color – 1,600 to 25,600 Mono – 6,400 to 102,400	Color – 1,600 to 25,600 Mono – 6,400 to 102,400	Color – 1,200 to 19,200
Supported resolutions	192 x 96 to 1280 x 1024	256 x 96 to 1280 x 864	256 x 96 to 1280 x 864	256 x 96 to 1920 x 1088
Maximum Frame Rate @ Minimum Resolution	17,791 fps @ 192 x 96 22,336 fps @ 192 x 96[2]	23,452 fps @ 1280 x 96	31,191 fps @ 1280 x 96	20,132 @ 1920 x 96
Maximum Frame Rate @ Maximum Resolution	494 fps @ 1280 x 1024 621 fps @ 1280 x 1024[2]	2,797 fps @ 1280 x 864	3,720 fps @ 1280 x 864	1,910 fps @ 1920 x 1088

Feature				
	SC1	SC2	SC2+	SC2X
Maximum Frame Rate @ 1280 x 720	701 fps 882 fps[2]	3,350 fps	4,456 fps	2,940 fps
Maximum Frame Rate @ 1280 x 128	3,855 fps 4,846 fps[2]	17,934 fps	23,852 fps	15,395 fps
Maximum Frame Rate @ 640 x 480	1,849 fps 2,324 fps[2]	4,998 fps	6,647 fps	4,290 fps
Maximum Frame Rate @ 320 x 240	5,712 fps 7,181 fps[2]	10,513 fps	13,982 fps	9,024 fps
IR Blocking Filter [3]	Optional	Optional	Optional	Always installed
Enhanced dynamic range	5 settings	No	No	No
Subsampling	Yes	No	No	No
Overclock	5 settings 0% to around 40%	No	No	No
CMOS sensor active area	17.92 x 14.34 mm	17.53 x 11.83 mm	17.53 x 11.83 mm	19.20 x 10.88 mm

[1] Measured per ISO 12232:2006 REI Daylight. Software versions 2.2.0 and earlier may display lower, incorrect ISO values.

[2] Overclock C

[3] IR Blocking Filter may be deleted on Monochrome cameras as an extra cost, NCNR factory build option

Features and specifications subject to change without notice.