

Sensors

Sensors Supported in FLI Cameras

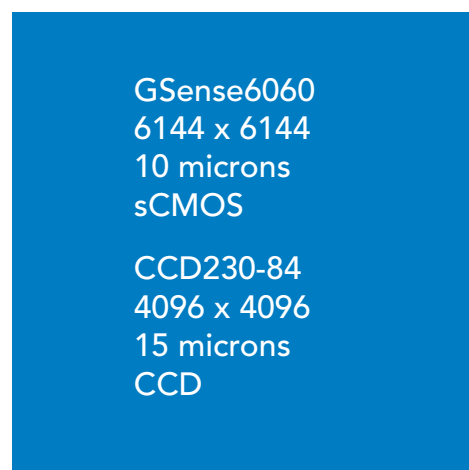
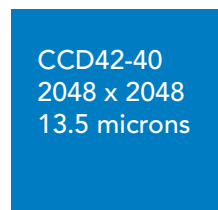
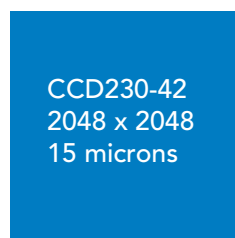
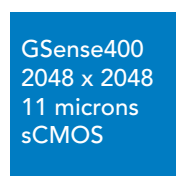
Sensor Source	Sensor	Sensor Type	Pixels X	Pixels Y	Pixel microns	Array Size (mm)		Area (mm2)	Diag (mm)	Video Size ¹	Pixels	Full Well
						X	Y					
Front-illuminated Sensors												
GPixel	GSense6060	CMOS	6144	6144	10	61.4	61.4	3775	86.9	5.4	37.7M	135K
GPixel	GSense4040	CMOS	4096	4096	9	36.9	36.9	1359.0	52.1	3.3	16.7M	70K
GPixel	GSense400	CMOS	2048	2048	11	22.5	22.5	507.5	31.9	2.4	4.2M	120K
Interline Transfer CCDs												
Sony	ICX695	CCD	2750	2200	4.54	12.5	10.0	124.7	16.0	1.0	6.0M	17K
Sony	ICX285/825	CCD	1360	1024	6.45	8.8	6.6	57.9	11.0	0.7	1.4M	21K
Back-illuminated Sensors												
GPixel	GSense6060	CMOS	6144	6200	10	61.44	61.44	3775	86.9	5.4	37.7M	102K
e2v	CCD230-84	CCD	4096	4096	15	61.4	61.4	3775	86.9	5.4	16.8M	150K
e2v	CCD230-42	CCD	2048	2048	15	30.7	30.7	943.7	43.4	2.7	4.2M	150K
e2v	CCD42-40	CCD	2048	2048	13.5	27.6	27.6	764.4	39.1	2.4	4.2M	100K
GPixel	GSense400	CMOS	2048	2048	11	22.5	22.5	507.5	31.9	2.0	4.2M	92K
e2v	CCD47-20	CCD	1024	1024	13	13.3	13.3	177.2	18.8	1.2	1048K	100K
e2v	CCD47-10	CCD	1024	1024	13	13.3	13.3	177.2	18.8	1.2	1048K	100K

¹Video size: In the world of video, a diagonal of 16mm is called a 1" sensor.

Front-illuminated Sensors



Back-illuminated Sensors



Interline Transfer CCDs



Sensors are shown actual size.