

sensor specification										computed sensor specifications						
sensor	pixel size [μ]	gain [e ⁻ /ADU]	ADC [bits]	sensor size [mm]	RMS read noise [e ⁻]	full well [e ⁻ /pixel]	dark noise [@ -10°C]	QE peak [%]	QE Ha [%]	dynamic range [states]	dynamic range [stops]	full well [e ⁻ /μm ²]	noise [e ⁻ /μm ²]	dynamic range [/ μm ²]	dark noise @ -10 °C [/ μm ²]	comments
Four Thirds																
KAF8300	5.4	0.5	16	17.6 x 13.5	8	26,000	0.02	55	45	3,250	11.7	892	1.48	602	0.0007	CCD
MN34230	3.8	5	12	17.3 x 13	3.47	20,000	0.012	60	45	5,764	12.5	1,385	0.91	1517	0.0008	color/mono
MN34230	3.8	1	12	17.3 x 13	1.3	4,096	0.012	60	45	3,151	11.6	284	0.34	829	0.0008	color/mono
IMX294	4.63	3.9	14	19.3 x 13	7.5	63,700	0.009	75	70	8,493	13.1	2,972	1.62	1834	0.002	color only
IMX294	4.63	1	14	19.3 x 13	1.7	14,000	0.009	75	70	8,235	13.0	653	0.37	1779	0.002	color only
APS-C																
EOS60Da (200)	4.29	1.487	14	23 x 15	8.3	24,118	0.068	38	30	2,906	11.5	1,310	1.93	677	0.004	color only
EOS60Da (400)	4.29	0.744	14	23 x 15	4.4	12,197	0.068	38	30	2,772	11.4	663	1.03	646	0.004	color only
EOS60Da (800)	4.29	0.38	14	23 x 15	3.2	7,405	0.068	38	30	2,314	11.2	402	0.75	539	0.004	color only
IMX071	4.78	3	14	23.6 x 15.7	3.3	48,600	0.001	50	40	14,727	13.8	2,127	0.69	3081	0.00005	color only
IMX071	4.78	1	14	23.6 x 15.7	2.6	17,000	0.001	50	40	6,538	12.7	744	0.54	1368	0.00005	color only
IMX193	3.91	2.2	14	23.6 x 15.7	2.7	36,000	0.0014	74	70	13,333	13.7	2,355	0.69	3410	0.0001	color only
IMX193	3.91	1	14	23.6 x 15.7	2.2	17,000	0.0014	74	70	7,727	12.9	1,112	0.56	1976	0.0001	color only
larger formats																
KAF16200	6	0.6	16	27 x 21	6	40,000	0.08	60	50	6,667	12.7	1,111	1.00	1111	0.0022	CCD
IMX128	5.97	4.6	14	36 x 24	4.2	76,000	0.004	53	42	18,095	14.1	2,132	0.70	3031	0.00003	color only
IMX128	5.97	1	14	36 x 24	2.8	17,000	0.004	53	42	6,071	12.6	477	0.47	1017	0.00003	color only
KAF11002	9	0.9	16	36 x 24	15	60,000	0.015	50	30	4,000	12.0	741	1.67	444	0.0002	CCD
KAF16803	9	1.6	16	36.8 x 36.8	10	100,000	0.094	60	50	10,000	13.3	1,235	1.11	1111	0.0011	CCD