

	<b>Canon EOS 1D Mark IV</b>	<b>Canon EOS 5D Mark II</b>	<b>Canon EOS 7D</b>	<b>Canon 550D</b>	<b>Nikon D3100</b>
Price (body only)	£3,500 inc VAT	£1,700	£1,200	£600	£500
Sensor	27.9 x 18.6 mm CMOS 16.1 million effective pixels	36 x 24 mm CMOS Full Frame 21.1 million effective	22.3 x 14.9 mm CMOS 18 million effective pixels	22.3 x 14.9 mm CMOS 18.7 million effective pixels	23.1 x 15.4 mm CMOS 14.2 million effective pixels
Crop factor	1.3	none	1.6	1.6	1.52
Native image size	4896x3264	5616 x 3744	5184 x 3456	5184 x 3456	4608 x 3072
Video fps	1080p @ 30, 25, 24 720p at 60 or 50 fps	1080 @ 30, 25, 24 640 x 480, 30fps	1080 @ 30, 25, 24 720p @ 60, 50 fps	1080 @ 30, 25, 24 720p @ 60, 50 fps	1080p24 720p30/25/24
Sensitivity	ISO 100 - 12800 (extendable to 50-102,400 equiv)	ISO 100 - 6400 (50, 12800, 25600 expandable)	ISO 100 - 3200 (extended to 12800 equiv)	ISO 100 - 6400 (with 12800 equiv)	ISO 100 - 3200 To ISO 12800 with boost
Shutter speed	30 - 1/8000 sec	30 - 1/8000 sec	30 - 1/8000 sec	30 - 1/4000 sec	30 to 1/4000 sec
LCD monitor	3.0 " TFT LCD 920,000 dots	3.0" TFT LCD 921,000 dots	3.0 " TFT LCD 920,000 dots	3.0 " TFT LCD 1040,000 dots	3.0" TFT LCD 230,000 pixel
Storage	Compact Flash plus SD/SDHC card	Compact Flash (inc. UDMA)	Compact Flash card	SD/SDHC card	SD / SD HC / SDXC
Weight (no batt)	1180 g (2.6 lb)	810 g (1.78 lb)	820 g (1.8 lb)	530 g (1.16 lb)	455 g (1.0 lb)

Please Note: I have done my best to be as accurate as possible. But, filling in tables can send you a little cross-eyed. Always check data yourself.

My sources were:

[http://www.usa.canon.com/cusa/consumer/products/cameras/slr\\_cameras](http://www.usa.canon.com/cusa/consumer/products/cameras/slr_cameras)

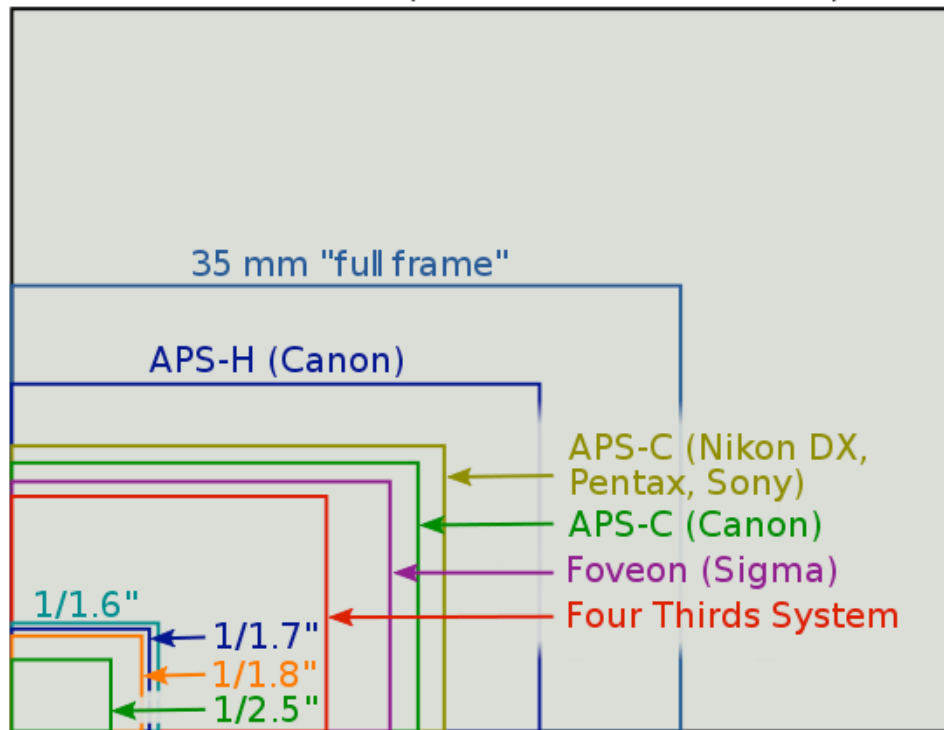
[http://www.nikon.com/about/news/2010/0819\\_d3100\\_01.htm](http://www.nikon.com/about/news/2010/0819_d3100_01.htm)

<http://imaging.nikon.com/products/imaging/lineup/digitalcamera/slr/d3100/index.htm>

<http://www.dpreview.com/>

<http://urbanfoxtv.blogspot.com/>

Medium format (Kodak KAF 3900 sensor)



The crop factor will give you an idea of how the sensor size will effect focal length.

See my table above and this explanation at wikipedia [http://en.wikipedia.org/wiki/Crop\\_factor](http://en.wikipedia.org/wiki/Crop_factor)

