

Interchangeable-Lens Cameras with Video: June 2009

	Canon EOS 5D Mark II	Canon EOS 500D	Nikon D5000
Sensor type	CMOS	CMOS	CMOS
Effective resolution	21.1 megapixels	15.1 megapixels	12.3 megapixels
Lens mount	Canon EF	Canon EF & EF-S	Nikkor AF/ F mount
Lens multiplier	1.0x	1.6x	1.5x
Storage media	CF I/II, Microdrive	SD/SDHC	SD/SDHC
Still image file formats	RAW, sRAW1/2, JPEG, RAW+JPEG	RAW, JPEG, RAW+JPEG	RAW, JPEG, RAW+JPEG
Max. image size	5616 x 3744 pixels	4752 x 3168 pixels	4288 x 2848 pixels
Video file formats	QuickTime MOV format (H.264 video, linear PCM audio)	QuickTime MOV format (H.264 video, linear PCM audio)	AVI Motion JPEG
Video resolution options	1920 x 1080, 640 x 480 @ 30 fps	1920 x 1080 @ 20fps, 1280 x 720 and 640 x 480 @ 30 fps	1280 x 720, 640 x 480, 320 x 216, all at 24 fps
HD video file size	4.8MB/sec	5.5 MB/sec	~2.3MB/sec
HD video time on 2GB card	Approx. 6 minutes	Approx. 6 minutes	Max. 5 mins (all card capacities)
AF with video capture	Yes	Yes	No
Stereo sound recording	Only via external stereo microphone	No	No
Image stabilisation	Lens-based only	Lens-based only	Lens-based only
Sensor dust removal	Yes	Yes	Yes
Shutter speeds	30-1/8000 + B	30-1/4000 + B	30-1/4000 + B
ISO sensitivity	100-3200 (ext. to 50/25,600)	100-3200 (ext. to 12,800)	200-3200 (exp. to 100 & 6400)
Burst rate/ Buffer capacity	3.9 fps/ 78 frames (JPEG)	3.4 fps/ 170 frames (JPEG)	4 fps/100 JPEG
AF type	TTL-CT-SIR (CMOS sensor)	TTL-CT-SIR with CMOS sensor	Nikon Multi-CAM1000
AF area points	9AF + 6 Assist AF	9	11
Metering	35-zone TTL	35-zone TTL	3D Matrix Metering II
Live View AF	No	Yes, Phase detect/contrast detect selectable	Contrast AF on user-selectable point
Face Detection AF/AE	Yes, in Live View	Yes in Live View	Yes, with subject tracking
Viewfinder type/FOV coverage	pentaprism/ 98%	pentamirror/ 95%	pentamirror/96%
Monitor size/resolution	3.0-inch/920,000 pixels	3.0-inch/902,000 pixels	Tilting 2.7-inch/230,000 pixels
Built-in flash GN	No flash	13	12
Interfaces	USB 2.0 Hi-Speed, HDMI, Mic-IN, AV-OUT	USB 2.0 Hi-Speed, HDMI, AV-OUT	USB 2.0 Hi-Speed, HDMI, AV-OUT
Body dimensions	152 x 113.5 x 75 mm	128.8 x 97.5 x 61.9 mm	127 x 104 x 80 mm
Body weight in grams	810	480	560
Current RRP	\$4799 (body only)	\$1499 (body only)	\$1499

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	Nikon D90	Olympus E-P1	Panasonic DMC-GH1
Sensor type	CMOS	Live MOS	Live MOS
Effective resolution	12.3 megapixels	12.3 megapixels	12.1 megapixels
Lens mount	Nikkor AF/ F mount	Micro Four Thirds	Micro Four Thirds
Lens multiplier (cf 35mm)	1.5x	2.0x	2.0x
Storage media	SD/SDHC	SD/SDHC	SD/SDHC
Still image file formats	RAW, JPEG, RAW+JPEG	RAW, JPEG, RAW+JPEG	RAW, JPEG, RAW+JPEG
Max. image size	4288 x 2848 pixels	4032 x 3024 pixels	4352 x 2448 pixels
Video file formats	AVI Motion JPEG	AVI Motion JPEG	AVCHD/QuickTime Motion JPEG
Video resolution options	1280 x 720, 640 x 480, 320 x 216, all at 24 fps	1280 x 720 and 640 x 480 @ 30 fps	1920 x 1080 @ 24 fps; 1280 x 720, 848 x 480, 640 x 480, 320 x 240 @ 30 fps
HD video file size	~1.7MB/sec	~4.7MB/sec	~1.7MB/sec
HD video time on 2GB card	Max. 5 mins (all card capacities)	Max. 7 mins	15 minutes 23 seconds
Stereo sound recording	No	Yes	Yes (with optional microphone)
Image stabilisation	Lens-based only	Yes, Electronic IS for video	Yes
Sensor dust removal	Yes	SSWF	SSWF
Shutter speeds	30-1/4000 + B	60-1/4000 + B (to 30 min)	60 to 1/4000 + B (to 4 minutes)
ISO sensitivity	200-3200 (exp. to 100 & 6400)	100-6400	100-3200
Burst rate/ Buffer capacity	4.5 fps/100 JPEG	3 fps/14 RAW, unlimited JPEG	3 fps/5 RAW, unlimited JPEG
AF type	Nikon Multi-CAM1000	Imager Contrast Detect system	Contrast AF
AF area points	11	11	23
Metering	3D Matrix Metering II	18 x 18 multi-zone	144-zone multi-pattern
Live View AF	Contrast AF on user-selectable point	Yes	Yes
Face Detection	Yes, with subject tracking	Yes with shadow adjustment	Yes
Viewfinder type/FOV coverage	Yes, with subject tracking	External VF-1finder only	EVF (1,440,000 dots)/ 100%
Monitor size/resolution	3.0-inch/920,000 pixels	3.0-inch/230,000 pixels	Vari-angle 3.0-inch/460,000 pixels
Built-in flash GN	12	No flash	11
Interfaces	USB 2.0 Hi-Speed, HDMI, AV-OUT	USB 2.0 Hi-Speed, HDMI, AV-OUT	USB 2.0 Hi-Speed, HDMI, Mic-IN, AV-OUT
Body dimensions	132 x 103 x 77 mm	120.5 x 70 x 35 mm	124.0 x 89.6 x 45.2 mm
Body weight in grams	620	335	385
Current RRP	\$1,699 (body only)	TBA	\$3299 (with lens)