DIGITAL SLR COMPARISON CHART

		D3	D700	D300	D200	D90	D80	D60	D40
Image Sensor	Effective Pixels	12.1 Million Pixels	12.1 Million Pixels	12.3 Million Pixels	10.2 Million Pixels	12.3 Million Pixels	10.2 Million Pixels	10.2 Million Pixels	6.1 Million pixels
	Image Sensor	FX-format CMOS Sensor, 23.9 X 36mm	FX-format CMOS Sensor, 23.9 X 36mm	DX-format CMOS Sensor, 23.6 X 15.8mm	DX-format RGB CCD 23.6 X 15.8mm	DX-format RGB CMOS Sensor 23.6 X 15.8mm	DX-format RGB CCD 23.6 X 15.8mm	DX-format RGB CCD 23.6×15.8mm	DX-format RGB CCD 23.7 x 15.6mm
	Active Dust Removal System	No	Yes	Yes	No	Yes	No	Yes	No
Storage/Data	Image Size (pixels)	FX-format 4,256 x 2,832 [L] 3,184 x 2,120 [M] 2,128 x 1,416 [S] DX-format 2,784 x 1,848 [L] 2,080 x 1,384 [M] 1,392 x 920 [S] 5:4 Format 3,552 x 2,832 [L] 2,656 x 2,120 [M] 1,776 x 1,416 [S]	FX-format 4,256 x 2,832 [L] 3,184 x 2,120 [M] 2,128 x 1,416 [S] DX-format 2,784 x 1,848 [L] 2,080 x 1,384 [M] 1,392 x 920 [S]	DX-format 4,288 x 2,848 [L] 3,216 x 2,136 [M] 2,144 x 1,424 [S]	DX-format 3,872 x 2,592 [L] 2,896 x 1,944 [M] 1,936 x 1,296 [S]	DX-format 4,288 x 2,848 [L] 3,216 x 2,136 [M] 2,144 x 1,424 [S]	DX-format 3,872 x 2,592 [L] 2,896 x 1,944 [M] 1,936 x 1,296 [S]	DX-format 3,872 x 2,592 [L] 2,896 x 1,944 [M] 1,936 x 1,296 [S]	DX-format 3,008 x 2,000 [L] 2,256 x 1,496 [M] 1,504 x 1,000 [S]
	Storage Media	Dual CF memory cards	CF memory card	CF memory card	CF memory card	SD memory card (SDHC compatible)	SD memory card	SD memory card (SDHC compatible)	SD memory card (SDHC compatible)
	File Types	1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16) 2) NEF (RAW) 12 or 14 bit selectable 3) NEF (RAW); Lossless compressed, Compressed Uncompressed 4) Uncompressed TIFF	1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16) 2) NEF (RAW) 12 or 14 bit selectable 3) NEF (RAW); Lossless compressed, Compressed Uncompressed 4) Uncompressed TIFF	1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16) 2) NEF (RAW) 12 or 14 bit selectable 3) NEF (RAW); Lossless compressed, Compressed Uncompressed 4) Uncompressed TIFF	1) JPEG-3 levels fine (1:4) Normal (1:8) Basic (1:16) 2) NEF (RAW); Lossless compressed, Compressed, Uncompressed	1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16) 2) NEF (RAW)	1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16) 2) NEF (RAW)	1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16) 2) NEF (RAW)	1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16) 2) NEF (RAW)
	Picture Control/ Optimize Image	Standard, Neutral, Vivid, Monochrome; storage for up to nine custom Picture Controls	Standard, Neutral, Vivid, Monochrome; storage for up to nine custom Picture Controls	Standard, Neutral, Vivid, Monochrome; storage for up to nine custom Picture Controls	Normal, Softer, Vivid, More Vivid, Portrait, Custom, Black-and-white Optimize Image options	Standard, Neutral, Vivid, Monochrome, Portrait, Landscape; storage for up to nine custom Picture Controls	Normal, Softer, Vivid, More Vivid, Portrait, Custom, Black-and-white Optimize Image options	Normal, Softer, Vivid, More Vivid, Portrait, Custom, Black-and-white Optimize Image options	Normal, Softer, Vivid, More Vivid, Portrait, Custom, Black-and-white Optimize Image options
	D-Movie	N/A	N/A	N/A	N/A	1,280 x 720/24 fps, 640 x 424/24 fps, 320 x 216/24 fps	N/A	N/A	N/A
	Text Input	Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header	Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header	Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header	Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header	Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header	Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header	Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header	Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header
	Image Authentication	Supported: Requires optional Nikon Image Authentication Software (Windows XP, Vista Pre-installed only)	Supported: Requires optional Nikon Image Authentication Software (Windows XP, Vista Pre-installed only)	Supported: Requires optional Nikon Image Authentication Software (Windows XP, Vista Pre-installed only)	Supported: Requires optional Nikon Image Authentication Software (Windows XP, Vista Pre-installed only)	No	No	No	No
Monitor	LCD Monitor	3.0-in, 920,000-dot, VGA, low temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing	3.0-in, 920,000-dot, VGA, low temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing	3.0-in, 920,000-dot, VGA, low temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing	2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing	3.0-in, 920,000-dot, VGA, low temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing	2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing	2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing	2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing
	Live View Modes	1) Hand Held: TTL Phase Difference AF w/ 51 AF focus areas 2) Tripod: focal-plane contrast AF on a desired point within a specific area 3) Remote using PC and optional Camera Control Pro 2 software	1) Hand Held: TTL Phase Difference AF w/ 51 AF focus areas 2) Tripod: focal-plane contrast AF on a desired point within a specific area 3) Virtual Horizon (digital level) displayed in Live View 4) Remote using PC and optional Camera Control Pro 2 software	1) Hand Held: TTL Phase Difference AF w/ 51 AF focus areas 2) Tripod: focal-plane contrast AF on a desired point within a specific area 3) Remote using PC and optional Camera Control Pro 2 software	No	1) Face priority AF, wide area AF, normal area AF 2) Remote using PC and optional Camera Control Pro 2 software	No	No	No
	Playback Function	1) Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB histogram indication 6) Shooting data 7) Highlight point display	1) Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB histogram indication 6) Shooting data 7) Highlight point display	1) Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB histogram indication 6) Shooting data 7) Highlight point display	1) Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB histogram indication 6) Shooting data 7) Highlight point display 8) Auto image rotation	1) Full frame 2) Thumbnail (4, 9 or 72 images or calendar) playback with playback 3) Zoom 4) Movie playback with sound 5) Pictmotion, slide show 6) Histogram display 7) Highlights 8) Auto image rotation, and image comment (up to 36 characters)	1) Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB histogram indication 6) Shooting data 7) Highlight point display 8) Auto image rotation	1) Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB histogram indication 6) Shooting data 7) Highlight point display 8) Auto image rotation 9) Retouch history 10) Stop-Motion Movie	1) Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB histogram indication 6) Shooting data 7) Highlight point display 8) Auto image rotation 9) Retouch history
Compatible Lenses	Lens Mount	Nikon F Bayonet	Nikon F Bayonet	Nikon F Bayonet	Nikon F Bayonet	Nikon F Bayonet	Nikon F Bayonet	Nikon F Bayonet	Nikon F Bayonet