



At the heart of the *Image*™

# D5500 & D5300 COMPARISON SHEET



**I AM** CONNECTED CREATIVITY

**I AM** SHARING MY VIEW

SENSOR AND RESOLUTION		
Sensor	23.5 mm x 15.6 mm	23.5 mm x 15.6 mm
Resolution	24.2 MP DX-format CMOS sensor without and Optical Low Pass Filter (OLPF)	24.2 MP DX-format CMOS sensor without and Optical Low Pass Filter (OLPF)
IMAGE QUALITY		
Image Processing Engine	EXPEED 4	EXPEED 4
ISO Sensitivity Range	100 to 25,600	100-12,800 Hi-1 (ISO 25,600)
File Format	12-bit and 14-bit NEF (RAW) File support JPEG- fine (approx. 1: 4), normal (approx. 1: 8), basic (approx. 1: 16), TIFF (RGB)	12-bit and 14-bit NEF (RAW) File support JPEG- fine (approx. 1: 4), normal (approx. 1: 8), basic (approx. 1: 16), TIFF (RGB)
Vignette Control	Yes	Not available
Picture Control	Standard, Neutral, Vivid, Portrait, Landscape and <b>Flat</b> • Adjustments within Picture controls Can be changed in 0.25 steps for finer control	Standard, Neutral, Vivid, portrait and Landscape
METERING SYSTEM		
3D Color Matrix Metering (2016k RGB Sensor)	Yes	Yes
Scene Recognition System	Yes	Yes
WHITE BALANCE		
White Balance Options	Auto, Cloudy, Direct Sunlight, Flash, Fluorescent (7 types), Incandescent, Preset Manual, Shade	Auto, Cloudy, Direct Sunlight, Flash, Fluorescent (7 types), Incandescent, Preset Manual, Shade
AUTO FOCUS		
AF Sensor	Nikon Multi-CAM 4800DX autofocus sensor module with TTL phase detection	Nikon Multi-CAM 4800DX autofocus sensor module with TTL phase detection
Dynamic AF Modes	9, 21, 39 and 39 (3D-tracking), Auto Area AF	9, 21, 39 and 39 (3D-tracking), Auto Area AF
RELEASE MODES		
Frames per Second	Up to 5 fps	Up to 5 fps
Unlimited Continuous Shooting	Yes: When using CH or CL release mode with a shutter speed set at 4 s or slower, the duration of continuous shooting can be extended indefinitely depending upon the power source and memory card in use.	Not available
LCD MONITOR		
Size and Resolution	3.2 inch - Approx. 1037k-Dot	3.2 inch - Approx. 1037k-Dot
Vari-angle LCD	Yes: Swivel style	Yes: Swivel style
Touchscreen Control	Yes	Not available
Touchscreen Functions	<ul style="list-style-type: none"> <li>• Menu Navigation</li> <li>• Playback: Pinch, Zoom and Swipe</li> <li>• Live View AF Point and Shoot</li> <li>• Revert to Previous Layer</li> <li>• Touch Operation Permission</li> <li>• Touch for Playback Only</li> </ul>	Not available

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LCD MONITOR (CONTINUED)			
Touch Fn (Function) Settings	<ul style="list-style-type: none"> <li>• AF Point Selection</li> <li>• AF Area Mode</li> <li>• ISO Sensitivity</li> <li>• HDR</li> </ul>	<ul style="list-style-type: none"> <li>• Active D-Lighting</li> <li>• Auto Bracketing</li> <li>• Viewfinder Grid Display</li> <li>• Aperture</li> </ul>	Not available
Eye Sensor	<ul style="list-style-type: none"> <li>• Turns LCD monitor On or Off</li> <li>• Enables Touch Fn</li> <li>• Playback image starts when users "eye" moves away from viewfinder</li> </ul>		Not available
Live View Image Adjustments	<ul style="list-style-type: none"> <li>• Adjust Picture Control</li> <li>• Adjust White balance</li> <li>• Adjust Exposure compensation</li> </ul>		Not available
SCENE MODES AND EFFECTS MODES			
	<p><b>Scene Modes:</b> Portrait, Landscape, Child, Sports, Close up, Night portrait, Night landscape, Party/indoor, Beach/snow, Sunset, Dusk/dawn, Pet portrait, Candlelight, Blossom, Autumn colors, Food</p> <p><b>Effects Modes:</b> High key, Low key, Toy camera, Miniature, Selective color, Silhouette, Night Vision, <b>Super Vivid, POP, Photo Illustration</b></p>	<p><b>Scene Modes:</b> Portrait, Landscape, Child, Sports, Close up, Night portrait, Night landscape, Party/indoor, Beach/snow, Sunset, Dusk/dawn, Pet portrait, Candlelight, Blossom, Autumn colors, Food</p> <p><b>Effects Modes:</b> High key, Low key, Toy camera, Miniature, Selective color, Silhouette, Night Vision</p>	
VIDEO			
Frame Size and Frame rate	1920 x 1080 60/30/24p		1920 x 1080 60/30/24p
ISO Range	ISO 100 to 25,600		ISO 100 to 12,800
Selectable Audio Frequency Range	Yes Wide/Voice		Not available
Interval Timer Exposure Smoothing	Yes		Not available
Number of Images in Interval Timer Sequences	Up to 9,999		Not available
Built-in Stereo Microphone	Yes		Yes
OTHER			
Wi-Fi® Connectivity Built-in	Yes		Yes
Built-in Flash	Yes		Yes
LCD Info Screen	Updated: White Screen Added (equivalent to D750)		Not available
Battery	One EN-EL14a Rechargeable Li-Ion Approx. 820 shots (in Single-frame mode) based on CIPA Standards		One EN-EL14a Rechargeable Li-Ion Approx. 600 shots (in Single-frame mode) based on CIPA Standards
Construction	NEW Monocoque design		Monocoque design
Dimensions	4.9 in. x 3.8 in. x 2.75 in. 124 mm x 97 mm x 70 mm		4.92 in. x 3.9 in. x 3.0 in. 125 mm x 98.0 mm x 76.0 mm
Weight	Body Only: 14.8 oz Approx. 420 grams		Body Only: 16.93 oz Approx 480 grams

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