



*At the heart of the image™*

# DSLR Still Images Features Guide

**PERFORMANCE TO IGNITE YOUR PASSION**



# Nikon DSLR STILL IMAGES FEATURES GUIDE



## AT-A-GLANCE

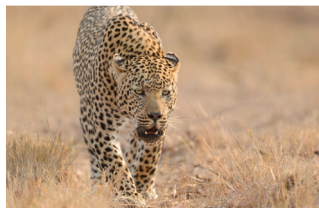
STILLS FEATURE-SET									
	D4S	D810	Df	D750	D610	D7100	D5500	D5300	D3300
<b>RESOLUTION</b>									
Sensor Resolution	16.2MP CMOS	36.3MP CMOS No OLPF	16.2MP CMOS	24.3MP CMOS	24.3MP CMOS	24.1MP CMOS No OLPF	24.2MP CMOS No OLPF	24.2MP CMOS No OLPF	24.2MP CMOS No OLPF
<b>IMAGE PROCESSING</b>									
Processor	EXPEED 4	EXPEED 4	EXPEED 3	EXPEED 4	EXPEED 3	EXPEED 3	EXPEED 4	EXPEED 4	EXPEED 4
<b>ISO RANGE</b>									
Standard and Extended Range	100-25,600 (50-409,600)	64-12,800 (32-51,200)	100-12,800 (204,800)	100-12,800 (50-51,200)	100-6,400 (25,600)	100-6,400 (25,600)	100-25,600	100-12,800 (25,600)	100-12,800 (25,600)
<b>METERING SYSTEM</b>									
	3D Color Matrix III using 91k RGB Sensor Center Weighted Spot	3D Color Matrix III using 91k RGB Sensor Center Weighted Spot Highlight Weighted	3D Color Matrix II using 2,016 RGB Sensor Center Weighted Spot	3D Color Matrix III using 91k RGB Sensor Center Weighted Spot Highlight Weighted	3D Color Matrix II using 2,016 RGB Sensor Center Weighted Spot	3D Color Matrix II using 2,016 RGB Sensor Center Weighted Spot	3D Color Matrix II using 2016 Pixel RGB Sensor Center Weighted Spot	3D Color Matrix II using 2016 Pixel RGB Sensor Center Weighted Spot	3D Color Matrix II using 420-Pixel RGB Sensor Center Weighted Spot
<b>SCENE RECOGNITION SYSTEM</b>									
	Advanced Scene Recognition System	Advanced Scene Recognition System	Scene Recognition System	Advanced Scene Recognition System	Scene Recognition System	Scene Recognition System	Scene Recognition System	Scene Recognition System	Scene Recognition System
<b>EXPOSURE COMPENSATION</b>									
	±5 EV in 1/3, 1/2 or 1 EV	±5 EV in 1/3, 1/2 or 1 EV	±3 EV in 1/3 EV	±5 EV in 1/3, 1/2 or 1 EV	±5 EV in 1/3, 1/2 or 1 EV	±5 EV in 1/3 or 1/2 EV	±5 EV in 1/3 or 1/2 EV	±5 EV in 1/3 or 1/2 EV	±5 EV in increments of 1/3 EV
<b>AUTO EXPOSURE BRACKETING</b>									
	2 to 9 frames in steps of 1/3, 1/2, 2/3 or 1 EV	2 to 9 frames in steps of 1/3, 1/2, 2/3 or 1 EV	2 to 5 frames in steps of 1/3, 2/3, 1, 2, or 3 EV	2 to 9 frames in steps of 1/3, 1/2, 2/3 or 1 EV	2 to 3 frames in steps of 1/3, 1/2, 2/3, 1 or 2 EV	2 to 5 frames in steps of 1/3, 1/2, 2/3, 1, 2, or 3 EV	3 frames in steps of 1/3 or 1/2 EV	3 frames in steps of 1/3 or 1/2 EV	-
<b>TOP SHUTTER SPEED RANGE</b>									
30 seconds to 1/8000 sec	✓	✓	-	-	-	✓	-	-	-
30 seconds to 1/4000 sec	-	-	✓	✓	✓	-	✓	✓	✓



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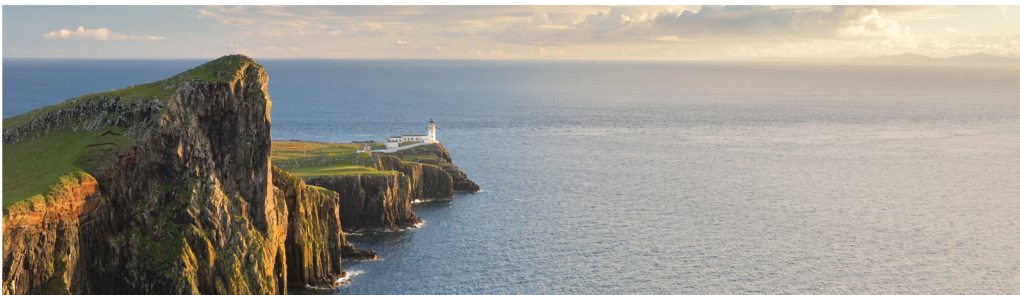
STILLS FEATURE-SET									
	D4S	D810	Df	D750	D610	D7100	D5500	D5300	D3300
<b>FLASH</b>									
Built-in Flash	-	✓	-	✓	✓	✓	✓	✓	✓
X= 1/250 sec	✓	✓	-	-	-	✓	-	-	-
X= 1/200 sec	-	-	✓	✓	✓	-	✓	✓	✓
Built-In Flash Commander Mode	-	✓	-	✓	✓	✓	-	-	-
Rear/Slow Sync	✓	✓	✓	✓	✓	✓	✓	✓	✓
Built-In Flash Compensation	-	✓	-	✓	✓	✓	✓	✓	✓
Flash Bracketing	✓	✓	✓	✓	✓	✓	-	-	-
Auto FP High Speed Sync to 1/8000 sec	✓	✓	-	-	-	✓	-	-	-
Auto FP High Speed Sync to 1/4000 sec	-	-	✓	✓	✓	-	-	-	-
<b>SHOOTING MODES</b>									
P/S/A/M	✓	✓	✓	✓	✓	✓	✓	✓	✓
Scene Modes	-	-	-	✓	✓	✓	✓	✓	✓
EFFECTS Modes	-	-	-	✓	✓	✓	✓	✓	✓
Guide mode	-	-	-	-	-	-	-	-	✓
<b>LCD SCREEN</b>									
	3.2 inch 921K-Dot LCD Screen with RGBW	3.2 inch 1,229K-Dot LCD Screen with RGBW	3.2 inch 921k-Dot LCD Screen	3.2 inch 1,229K-Dot Tilting LCD Screen with RGBW	3.2 inch 921k-Dot LCD Screen	3.2 inch 1,229K-Dot LCD Screen with RGBW	3.2 inch 1,037k-Dot Touch Vari-angle LCD Screen	3.2 inch 1,037k-Dot Vari-angle LCD Screen	3.0 inch 921K-Dot LCD Screen
<b>TOP CONTINUOUS SHOOTING SPEED AT FULL RESOLUTION</b>									
	11.0 frames per second	5.0 frames per second	5.5 frames per second	6.5 frames per second	6.0 frames per second	6.0 frames per second	5.0 frames per second	5.0 frames per second	5.0 frames per second



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STILLS FEATURE-SET									
	D4S	D810	Df	D750	D610	D7100	D5500	D5300	D3300
<b>FILE FORMATS</b>									
NEF (RAW) 12/14-bit Uncompressed	✓	✓	-	-	-	-	-	-	-
NEF (RAW) 12/14-bit Lossless Compressed	✓	✓	✓	✓	✓	✓	-	-	-
NEF (RAW) 12/14-bit Compressed	-	-	-	-	-	-	✓	✓	-
NEF (RAW) 12-bit Compressed	-	-	-	-	-	-	-	-	✓
RAW SIZE S	✓	✓	-	-	-	-	-	-	-
TIFF (Small, Medium, Large)	✓	✓	✓	-	-	-	-	-	-
JPEG Fine (Small, Medium, Large)	✓	✓	✓	✓	✓	✓	✓	✓	✓
JPEG Basic (Small, Medium, Large)	✓	✓	✓	✓	✓	✓	✓	✓	✓
JPEG Normal (Small, Medium, Large)	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>CARD SLOT/STORAGE MEDIA</b>									
	CF + XQD	CF + SD	SD	SD + SD	SD + SD	SD + SD	SD	SD	SD
<b>DIMENSIONS</b>									
	6.3 in. (160 mm) x 6.2 in. (156.5 mm) x 3.6 in. (90.5 mm)	5.8 in. (146 mm) x 4.9 in. (123 mm) x 3.3 in. (81.5 mm)	5.6 in. (143.5 mm) x 4.3 in. (110 mm) x 2.6 in. (66.5 mm)	5.6 in. (140.5 mm) x 4.5 in. (113 mm) x 3.1 in. (78 mm)	5.6 in. (141 mm) x 4.4 in. (113 mm) x 3.2 in. (82 mm)	5.3 in. (135.5 mm) x 4.2 in. (106.5 mm) x 3.0 in. (76 mm)	4.8 in. (124mm) x 3.8 in. (97mm) x 2.7 in. (70 mm)	4.92 in. (125 mm) x 3.9 in. (98.0 mm) x 3.0 in. (76.0 mm)	4.9 in. (124 mm) x 3.9 in. (98 mm) x 3.0 in. (75.5 mm)
<b>WEIGHT</b>									
	41.6 oz. (1180 g) camera body only	31.1 oz. (880 g) camera body only	25 oz. (710 g) camera body only	26.5 oz. (750 g) camera body only	26.8 oz. (760 g) camera body only	23.8 oz. (675 g) camera body only	14.81 oz. (420g) camera body only	16.9 oz. (480 g) camera body only	14.5 oz. (410 g) camera body only





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Nikon Inc., 1300 Walt Whitman Road, Melville, NY 11747-3064 • (631) 547-4200

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