



At the heart of the Image™

D7200 & D7100 COMPARISON SHEET



D7200™



D7100™

I AM CHALLENGE READY

I AM 24 MP UNLEASHED

SENSOR AND RESOLUTION		
Sensor	23.5 x 15.6mm	23.5 x 15.6mm
Resolution	24.2 DX-format CMOS sensor without an Optical Low Pass Filter (OLPF)	24.1 DX-format CMOS sensor without an Optical Low Pass Filter (OLPF)
IMAGE QUALITY		
Image Processing Engine	EXPEED 4*	EXPEED 3
ISO Sensitivity Range	ISO 100 to 25,600 Hi BW1 (51,200), Hi BW2 (102,400)	100-6,400 up to Hi2 (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)
Picture Control	Standard, Neutral, Vivid, Portrait, Landscape <ul style="list-style-type: none"> • New Flat Picture Control: Ideal for Video Capture • New Clarity Control: Ideal for adding Definition • Finer control with 0.25-step adjustment 	Standard, Neutral, Vivid, Portrait and Landscape
METERING SYSTEM		
3D Color Matrix Metering II (2016k RGB Sensor)	Yes	Yes
Scene Recognition System	Yes	Yes
WHITE BALANCE		
Spot White Balance when using Live View	Yes	Yes
Preset Manual White Balance	1-6 possible	1-3 is possible
AUTO FOCUS		
AF Sensor	Advanced Multi-CAM 3500 II DX AF detection range down to -3 EV, 51 focus points (15 cross-type sensors in the center, one point compatible with f/8) Live view photography (stills/movies): contrast-detect AF	Advanced Multi-CAM 3500 DX AF detection range down to -2 EV, 51 focus points (15 cross-type sensors in the center, one point compatible with f/8) Live view photography (stills/movies): contrast-detect AF
Dynamic AF Modes	9/21/51, 51 points w/3D Tracking, Auto Area AF	9/21/51, 51 points w/3D Tracking, Auto Area AF
Separate selection of both focus point and AF-area mode for landscape and portrait orientation	Yes	No
RELEASE MODES		
Frame Advance Rate	6 fps in DX, 7 fps in 1.3X Crop Mode	6 fps in DX, 7 fps in 1.3X Crop Mode
Buffer Capacity (With 16GB Class 10 SD Card)	<ul style="list-style-type: none"> • NEF (RAW), Lossless Compressed, 12-bit: 27 Shots • NEF (RAW), Lossless Compressed 14-bit: 18 Shots • JPEG/Fine/Large: 100 shots 	<ul style="list-style-type: none"> • NEF (RAW), Lossless Compressed, 12-bit: 7 Shots • NEF (RAW), Lossless Compressed 14-bit: 6 Shots • JPEG/Fine/Large: 33 shots
CONNECTIVITY		
Wi-Fi Connectivity	Built-in Wi-Fi with NFC (Near Field Communication)	Uses WU-1a Wireless Mobile Adapter (Optional)

*EXPEED 4 benefits: 30% faster than EXPEED 3, increased number of continuous shots, improved Noise Reduction, improved White Balance, enhanced definition: Clarity Picture Control, 1080 @60p (1.3X Crop Mode)

Specifications are subject to change without notice.



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VIDEO		
Frame Size and Frame rate	1920 x 1080 30/25/24p 1920 x 1080 60/50p (1.3X Crop)	1920 x 1080 30/25/24p 1920 x 1080 60i (1.3X Crop Mode)
ISO Range	ISO 100 to 25,600	ISO 100 to 6,400
Picture Control	Standard, Neutral, Vivid, Portrait, Landscape • New Flat Picture Control: Ideal for Video Capture • Finer control with 0.25-step adjustment	Standard, Neutral, Vivid, Portrait and Landscape
Selectable Audio Frequency Range	Yes Wide/Voice	Yes
Interval Timer Exposure Smoothing	Yes	Interval Timer Only
Time-Lapse Exposure Smoothing	Yes	No
Number or intervals in Time-lapse/Interval Timer Sequences	Up to 9,999	Up to 999
Auto ISO in Manual Mode	Yes	No
Dedicated Movie Menu	Yes	No
Highlight Display (Zebra Stripes) in Live View	Yes	No
Simultaneous display of videos on the LCD monitor and an external monitor	Yes	Yes
Built-in Stereo Microphone	Yes	Yes
OTHER FEATURES		
LCD Size and Resolution	3.2 inch, Approx. 1,229k-Dot with RGBW Alignment	3.2 inch, Approx. 1,229k-Dot with RGBW Alignment
Optical Viewfinder	<ul style="list-style-type: none"> Optical viewfinder with approx. 100% frame coverage Improved coatings on optical glass render brighter and more accurate color Organic EL Information display makes it easier to make adjustments under bright/dim conditions 	<ul style="list-style-type: none"> Optical viewfinder with approx. 100% frame coverage Organic EL Information display makes it easier to make adjustments under bright/dim conditions
Dual SD Card Slots	Yes	Yes
Dedicated Photo Shooting Menu	Yes	No
Auto Bracketing	1-9 frames	1-5 frames
Software for browsing and developing NEF (RAW)	View NX-i (Browsing), View NX-D (Developing) Available via free download	View NX-2, Capture NX-2
Battery Performance	1110 shots (Based on CIPA standards) 80 minutes of video (Based on CIPA standards)	950 shots (Based on CIPA standards) 100 minutes of video (Based on CIPA standards)
Dimensions (W x H x D)	Approx. 5.3 x 4.2 x 3.0 in. (135.5 x 106.5 x 76mm)	Approx. 5.3 x 4.2 x 3.0 in. (135.5 x 106.5 x 76mm)
Weight	Approx. 765 g (1 lb 11.0 oz)	Approx. 765 g (1 lb 11.0 oz)

Wi-Fi® COMPATIBILITY: Nikon Cameras having built-in Wi-Fi capability or connected to a WU-1a or WU-1b Wireless Mobile Adapter can only be used with a compatible iPhone®, iPad®, and/or iPod touch® or smart devices running on the Android™ operating system.

NFC (near field communication) Compatibility: Nikon Cameras having built-in NFC capability can only be used with a compatible smart devices running on the Android™ operating system version 4.0 or higher.

Nikon Wireless Mobile Utility application. The Nikon Wireless Mobile Utility application must be installed on the device before it can be used with cameras having built-in Wi-Fi and/or NFC capability or connected to a WU-1a or WU-1b Wireless Mobile Adapter.

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