



At the heart of the image™

COMPARISON SHEET

D4s™  
and  
D4™



D4s™



D4™

Sensor and Resolution

Sensor	36.0 x 23.9mm CMOS	36.0 x 23.9mm CMOS
Effective Pixels	Approx. 16.2	Approx. 16.2
Resolution	16.2MP FX-format CMOS sensor	16.2MP FX-format CMOS sensor

Image Quality

Image Processing Engine	EXPEED 4 30% faster Increased number of shots Higher video quality at high ISO Supports 1080 60p More shots per charge	EXPEED 3
ISO Sensitivity Range	100 to 25,600 Lo1 (ISO 50) to Hi4 (ISO 409,600)	100-12,800 Lo1 (ISO 50) to Hi4 (ISO 204,800)
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)
RAW SIZE S	12-bit uncompressed	No

Metering System

91k RGB Sensor	Yes	Yes
Advanced Scene Recognition System	Yes - Group Area AF added	Yes
Face Priority analysis for viewfinder shooting	On/Off possible with custom setting	Always On

White Balance

Spot White Balance when using Live View	Yes	No
Preset White Balance	1-6 possible	1-3 is possible

Auto Focus

AF Sensor	Advanced Multi-CAM 3500FX	Advanced Multi-CAM 3500FX
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**Auto Focus (continued)**

<b>Frame Advance Rate</b>	11 fps with AF/AE	10 fps with AF/AE
<b>Group Area AF</b>	Yes Five AF sensors used as a Group Optimized for subjects located within an area covered by the "Group"	No
<b>Dynamic AF Modes</b>	9/21/51/51 points w/3D Tracking/Auto Area AF	9/21/51/51 points w/3D Tracking/Auto Area AF

**Video**

<b>Frame Size and Frame rate</b>	1920 x 1080 60/50/30/25/24p	1920 x 1080 30/25/24p
<b>Multi-area mode Full HD D-Movie with three image area options</b>	Selectable during live view: FX, DX, 2.7X Crop	Not selectable during live view: FX, DX, 2.7X Crop
<b>ISO Auto Control for Manual Exposure</b>	Yes	No
<b>Simultaneous recording to memory card and external recorder</b>	Yes	No
<b>View simultaneous live view output and record uncompressed video via HDMI</b>	Yes	Yes
<b>Selectable audio frequency range</b>	Yes Wide/Voice	No
<b>Audio adjusted during video recording</b>	Yes	No

**Wired and Wireless Communication System**

<b>Wired LAN</b>	1000 Base T Support	100 Base T Support
<b>Wireless Transmission</b>	Via WT-5A	Via WT-5A

**Camera Handling**

<b>Ergonomics</b>	Shape of a grip and details at backside (body form and controls) have been re-designed	Improved over D3 series
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Camera Handling (continued)

<b>Dual memory card slots</b>	CF card compatible with UDMA 7 XQD memory card (based on a 32-GB QD-S32E) enables continuous shooting for up to approx. 200 shots (JPEG fine L), approx. 133 shots (12-bit, lossless compressed RAW), approx. 176 shots (12-bit, compressed RAW), or approx. 104 shots (14-bit, compressed RAW)	CF card compatible with UDMA 7 XQD XQD memory card (based on a 32-GB S32E) enables continuous shooting for up to approx. 170 shots (JPEG fine L), approx. 92 shots (12-bit, lossless compressed RAW), approx. 92 shots (12-bit, compressed RAW), or approx. 76 shots (14-bit, compressed RAW)
<b>Playback Magnification</b>	Can be selected from multi-selector 50%, 100% or 200%	Can be selected from multi-selector
<b>Change Focus point size in Live View Movie</b>	Yes Normal-area	No
<b>Fine tune LCD color</b>	Yes	No
<b>Full aperture metering during Live View for stills</b>	Yes	No
<b>Live View - Image Area</b>	Can be selected while in Live View for stills and movies	No
<b>Interval timer / Time lapse movie</b>	Yes Increased number of exposures (up to 9999), setting until one week later is possible. Exposure smoothing has been added	Yes Up to 999 possible
<b>Battery</b>	One EN-EL18a Rechargeable Li-Ion Approx. 3,020 shots (in Single-frame mode, based on CIPA Standards)	One EN-EL18 Rechargeable Li-Ion Approx. 2,600 shots (in Single-frame mode, based on CIPA Standards)
<b>Time-lapse Interval Timers Exposure Smoothing</b>	Yes	No