



Pro / Enthusiast

Fujifilm X-S1 **New**

<b>Model</b>	FUJIFILM X-S1
<b>Effective Pixels</b>	12.0 million pixels
<b>Sensor type</b>	2/3-inch EXR CMOS with primary colour filter
<b>Storage media</b>	Internal memory (approx. 26 MB) SD / SDHC / SDXC(UHS-I) memory card*2
<b>File format</b>	<b>still image</b> JPEG (Exif Ver 2.3) <sup>3</sup> , RAW (RAF format), RAW + JPEG (Design rule for Camera File system compliant / DPOF-compatible) <b>movie</b> H.264 (MOV) with Stereo sound
<b>Number of recorded pixels</b>	L : (4:3) 4000 x 3000 / (3:2) 4000 x 2664 / (16:9) 4000 x 2248 / (1:1) 2992 x 2992 M : (4:3) 2816 x 2112 / (3:2) 2816 x 1864 / (16:9) 2816 x 1584 / (1:1) 2112 x 2112 S : (4:3) 2048 x 1536 / (3:2) 2048 x 1360 / (16:9) 1920 x 1080 / (1:1) 1536 x 1536  <Motion Panorama> 360° Vertical 11520 x 1624 Horizontal 11520 x 1080 180° Vertical 5760 x 1624 Horizontal 5760 x 1080 120° Vertical 3840 x 1624 Horizontal 3840 x 1080
	name Fujinon 26x optical zoom lens  focal length f=6.1 - 158.6 mm, equivalent to 24 - 624 mm on a 35 mm camera  full-aperture F2.8 (Wide) - F5.6 (Telephoto)  constitution 12 groups 17 lenses (4 aspherical molded lenses, 2 ED lenses included)
<b>Digital zoom</b>	Intelligent digital zoom approx. 2x (1.4) (up to 52 x when combined with optical zoom)
<b>Aperture</b>	F2.8 - F11(Wide) F5.6 - F11(Telephoto) 1/3EV step (controlled 9-blade aperture diaphragm)
<b>Focus distance (from lens surface)</b>	Normal Wide : Approx. 30 cm / 0.9 ft. to infinity Telephoto : Approx. 2.0 m / 6.5 ft. to infinity Macro Wide : Approx. 7 cm - 3.0 m / 2.8 in. - 9.8 ft. Telephoto : Approx. 2.0 m - 3.5 m / 6.5 ft. - 11.5 ft. Super Macro Approx. 1.0 cm - 1.0 m / 0.4 in. - 3.3 ft
<b>Sensitivity</b>	Auto(400) / Auto(800) / Auto(1600) / Auto(3200) / Equivalent to ISO 100 / 200 / 250 / 320 / 400 / 500 / 640 / 800 / 1000 / 1250 / 1600 / 2000 / 2500 / 3200 / 4000* / 5000* / 6400* / 12800* (Standard Output Sensitivity) * ISO4000 / 5000 / 6400 : M mode or lower, ISO12800 : S mode
<b>Exposure control</b>	TTL 256-zones metering, Multi / Spot / Average
<b>Exposure mode</b>	Programmed AE, Aperture Priority AE, Shutter Priority AE, Manual
<b>Shooting modes</b>	SP Natural Light & Flash, Natural Light, Portrait, Portrait Enhancer, Dog, Cat, Landscape, Sport, Night, Night (Tripod), Fireworks, Sunset, Snow, Beach, Party, Flower, Text MODE DIAL EXR, AUTO, Adv., SP, C3, C2, C1, M, A, S, P
<b>Image stabilisation</b>	Lens shift type
<b>Exposure compensation</b>	-2.0EV - +2.0EV 1/3EV step

<b>Shutter speed</b>	(Auto mode) 1/4 sec. to 1/4000 sec., (All other modes) 30 sec. to 1/4000 sec.
<b>Continuous shooting</b>	<p>TOP</p> <p>Super High : approx. 10 fps (Size M, S)  High : approx. 7 fps (Size L, M, S)  Middle : approx. 5 fps (Size L, M, S)  Low : approx. 3 fps (Size L, M, S)</p> <p>*SD memory card with a class 4 write speed (4 MB/sec.) or better is recommended.  *The frame rate varies depending on the shooting conditions or numbers of frames in continuous shooting.</p> <p>others</p> <p>Best Frame capture :</p> <p>Super High : approx. 10 fps 8 / 16 frames (Size M, S)  High : approx. 7 fps 8 frames (Size L, M, S) / 16 frames (Size M, S)  Middle : approx. 5 fps 8 frames (Size L, M, S) / 16 frames (Size M, S)  Low : approx. 3 fps 8 frames (Size L, M, S) / 16 frames (Size M, S)</p>
<b>Auto bracketing</b>	<p>AE Bracketing : <math>\pm 1/3EV</math>, <math>\pm 2/3EV</math>, <math>\pm 1EV</math>  Film Simulation Bracketing : PROVIA / STANDARD, Velvia / VIVID, ASTIA / SOFT  Dynamic Range Bracketing : 100%, 200%, 400%  ISO Sensitivity Bracketing : <math>\pm 1/3EV</math>, <math>\pm 2/3EV</math>, <math>\pm 1EV</math></p>
<b>Focus</b>	<p>mode</p> <p>Single AF / Continuous AF (EXR AUTO, Movie),  Manual AF (One-push AF mode included)</p> <p>type</p> <p>TTL contrast AF, AF assist illuminator available</p> <p>AF frame selection</p> <p>Multi, Area, Tracking</p>
<b>White balance</b>	<p>Automatic scene recognition  Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Custom, Colour temperature selection (2,500K - 10,000K)</p>
<b>Self timer</b>	10 sec. / 2 sec. delay , Auto Release
<b>Flash</b>	<p>Auto flash (super intelligent flash)  Effective range : (ISO AUTO (800))  Wide : Approx. 30 cm - 8.0 m / 0.9 ft. - 26.2 ft.  Telephoto : Approx. 2.0 m - 4.0 m / 6.5 ft. - 13.1 ft.</p>
<b>Flash modes</b>	<p>Red-eye removal OFF : Auto, Forced Flash, Suppressed Flash, Slow Synchro.  Red-eye removal ON : Red-eye Reduction Auto, Red-eye Reduction &amp; Forced Flash, Suppressed Flash, Red-eye Reduction &amp; Slow Synchro.</p>
<b>Hot shoe</b>	Yes
<b>Viewfinder</b>	<p>0.47-inch, approx. 1440,000 dots, TFT colour LCD monitor  Approx. 100% coverage  Diopter adjustment : -5 - +3 m<sup>-1</sup> (dpt)</p>
<b>LCD monitor</b>	3.0-inch, approx. 460,000 dots, TFT colour LCD monitor, approx. 100% coverage
<b>Movie recording</b>	1920 x 1080 pixels / 1280 x 720 pixels / 640 x 480 pixels (30 frames / sec.) with stereo sound Optical zoom (manual) can be used.
<b>Photography functions</b>	EXR mode (EXR Auto / Resolution priority / High ISO & Low noise priority / Dynamic range priority), Face recognition, Face Detection, Auto red-eye removal, Film simulation, Framing guideline, Frame No. memory, Histogram display, Advanced mode (Motion panorama360, Pro focus, Pro low light), High Speed Movie (70 / 120 / 200 frames/sec.), Electronic level, One-touch RAW, Advanced Anti Blur, Focus check, Colour space
<b>Playback functions</b>	Face Detection, Auto red-eye removal, Multi-frame playback (with micro thumbnail), Protect, Crop, Resize, Slide show, Image rotate, Voice memo, Histogram display, Exposure warning, Photobook assist, Image search, Favorites, Mark for upload, Panorama, Erase selected frames, RAW conversion
<b>Other functions</b>	PictBridge, Exif Print, 35 Languages, Time difference, Silent mode, Shutter sound
<b>Terminal</b>	<p>Video output</p> <p>NTSC / PAL selectable with Monaural sound</p> <p>Digital interface</p> <p>USB 2.0 High-Speed</p> <p>HDMI output</p> <p>HDMI Mini connector</p> <p>External microphone</p> <p>ø3.5 Mini with Stereo sound</p>
<b>Power supply</b>	NP-95 Li-ion battery (included)

<b>Dimensions</b>	135(W) x 107(H) x 149(D) mm / 5.3(W) x 4.2(H) x 5.9(D) in.
<b>Weight</b>	Approx. 945 g / 33.3 oz. (including battery and memory card) Approx. 905 g / 31.9 oz. (excluding battery and memory card)
<b>Operating temperature</b>	0°C - 40°C
<b>Operating humidity</b>	10% - 80% (no condensation)
<b>Battery life</b>	approx. 460 frames (*4) approx. 500 frames (using EVF)
<b>Accessories included</b>	Li-ion battery NP-95 Battery charger BC-65N Shoulder strap Lens cap and Lens cap cord Lens hood USB cable CD-ROM Owner's manual
<b>Optional accessories</b>	Li-ion battery NP-95 Battery charger BC-65N Shoe Mount Flash EF-42 / EF-20 Remote release RR-80

\*1 Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.

\*2 Please see the Fujifilm website to check memory card compatibility.

\*3 Exif 2.3 is a digital camera file format that contains a variety of shooting information for optimal printing.

\*4 CIPA Standard

## Memory Card Capacity and Image Quality / Size

		Number of images							
Modes		Still image (L)							
Number of recorded pixels		4000 x 3000 (4:3)		4000 x 2664 (3:2)		4000 x 2248 (16:9)		2992 x 2992 (1:1)	
Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
Internal Memory (approx. 26MB)		5	8	5	9	7	11	7	11
SDHC memory card	4 GB	820	1300	930	1450	1090	1720	1090	1720
	8 GB	1650	2620	1870	2920	2220	3450	2200	3450

		Number of images							
Modes		Still image (M)							
Number of recorded pixels		2816 x 2112 (4:3)		2816 x 1864 (3:2)		2816 x 1584 (16:9)		2112 x 2112 (1:1)	
Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
Internal Memory (approx. 26MB)		8	16	9	18	11	22	11	22
SDHC memory card	4 GB	1310	2530	1490	2880	1740	3350	1740	3350
	8 GB	2640	5080	2990	5780	3500	6720	3500	6720

		Number of images							
Modes		Still image (S)							
Number of recorded pixels		2048 x 1536 (4:3)		2048 x 1360 (3:2)		1920 x 1008 (16:9)		1536 x 1536 (1:1)	
Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
Internal Memory (approx. 26MB)		16	30	17	34	23	35	20	39
SDHC memory	4 GB	2430	4590	2690	5160	3540	5160	3170	5900

card	8 GB	4880	9210	5410	10370	7110	10370	6380	11850
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Number of images

Modes	Still image (RAW)	
SDHC memory card	4 GB	205
	8 GB	412

Recording time

Modes	Movie* <sup>5</sup>		
Number of recorded pixels	Movie recording time		
Quality	FULL HD (1920 x 1080)* <sup>6</sup>	HD (1280 x 720)* <sup>6</sup>	VGA (640 x 480)* <sup>7</sup>
Internal Memory (approx. 26MB)	12sec.	17sec.	42sec.
SDHC memory card	4 GB	38min.	49min.
	8 GB	1hr. 16min.	1hr. 38min.

\*<sup>5</sup> Use a class 4 card or better when shooting HD movie and High speed movie.

\*<sup>6</sup> Individual movie files cannot exceed approx. maximum 29 minutes.

\*<sup>7</sup> Individual movies files cannot exceed approx. maximum 115 minutes.