Clifton Cameras Product Specification

Fujifilm X-S10 Body Only Full Spec

X-S10 Specification		
Model name		FUJIFILM X-S10
Number of effective pixels		26.1 millions pixels
Image sensor		23.5mm×15.6mm (APS-C) X-Trans CMOS 4 with primary color filter.
Sensor Cleaning system		Ultra Sonic Vibration
Storage media		SD memory card (~2GB) / SDHC memory card (~32GB) / SDXC memory card (~2TB)
		UHS-I
File format of still image		JPEG: Exif Ver.2.3 *1 RAW: 14bit RAW (RAF original format)
Number of recorded pixels		L 〈3:2〉 6240 × 4160 〈16:9〉 6240 × 3512 〈1:1〉 4160 × 4160
		M 〈3:2〉 4416 × 2944 〈16:9〉 4416 × 2488 〈1:1〉 2944 × 2944
		S 〈3:2〉 3120 × 2080 〈16:9〉 3120 × 1760 〈1:1〉 2080 × 2080
Lens mount		FUJIFILM X mount
Sensitivity	Standard output	AUTO1 / AUTO2 / AUTO3 (up to ISO12800) / ISO160~12800 (1/3 step)
	Extended output	ISO80 100 125 25600 51200
Exposure control		TTL 256-zone metering, Multi / Spot / Average / Center Weighted
Exposure mode		P (Program AE) / A (Aperture Priority AE) / S (Shutter Speed Priority AE) / M (Manual Exposure)
Exposure compensation		-5.0EV~+5.0EV 1/3EV step (Movie: -2.0EV~+2.0EV)
Image stabilizer	Mechanism	Image sensor shift mechanism with 5-axis compensation
	Compensation Effect	Maximum 6.0 stops (based on CIPA standard. Pitch/yaw shake only.
	Digital Image Stabilization	Yes (movie mode only)
	IS MODE BOOST	Yes (movie mode only)
Shutter type		Focal Plane Shutter
Shutter speed	Mechanical Shutter	P mode: 4sec. to 1/4000sec. A mode: 30sec. to 1/4000sec. S/M mode: 15min. to 1/4000sec. Bulb mode: up to 60min.
	Electronic Shutter *2	P mode: 4sec. to 1/32000sec. A mode: 30sec. to 1/32000sec. S/M mode: 15min. to 1/32000sec. Bulb mode: 1sec. Fixed
	Mechanical + Electronic shutter	P mode: 4sec. to 1/32000sec. A mode: 30sec. to 1/32000sec. S/M mode: 15min. to 1/32000sec. Bulb mode: up to 60min.

	Movie	1/4000sec.~1/24sec. (depends on the frame rate)
	Synchronized shutter speed for flash	1/180sec. or slower
Continuous shooting		Approx. 30fps [Only electronic shutter, 1.25 x Crop] (JPEG：29 frames Lossless compressed RAW: 17 frames Compressed RAW: 17 frames Uncompressed RAW：17 frames)
		Approx. 20fps [Only electronic shutter, 1.25 x Crop] (JPEG：79 frames Lossless compressed RAW: 17 frames Compressed RAW: 20 frames Uncompressed RAW：17 frames)
		Approx. 10fps [Only electronic shutter, 1.25 x Crop] (JPEG：153 frames Lossless compressed RAW: 18 frames Compressed RAW: 26 frames Uncompressed RAW：18 frames)
		Approx. 20fps [Only electronic shutter] (JPEG：32 frames Lossless compressed RAW: 17 frames Compressed RAW: 17 frames Uncompressed RAW：17 frames)
		Approx. 10fps [Only electronic shutter] (JPEG：81 frames Lossless compressed RAW: 18 frames Compressed RAW: 21 frames Uncompressed RAW：18 frames)
		Approx. 8fps (JPEG：105 frames Lossless compressed RAW: 18 frames Compressed RAW: 23 frames Uncompressed RAW：18 frames)
		Pre-shot: Approx. 30fps [Only electronic shutter, 1.25 x Crop] (max. 10 frames while half press, max. 15 frames after full press, total max. 25 frames)
		Pre-shot: Approx. 20fps [Only electronic shutter, 1.25 x Crop] (max. 10 frames while half press, max. 48 frames after full press, total max. 58 frames)
		Pre-shot: Approx. 10fps [Only electronic shutter, 1.25 x Crop] (max. 10 frames while half press, max. 110 frames after full press, total max. 120 frames)
		*Recordable frames depends on recording media
		*Speed of continuous shooting depends on shooting environment and shooting frames
Auto bracketing		AE Bracketing (Frames: 2, 3, 5, 7, 9 Step: by 1/3EV step, up to ±3EV steps)
		Filmsimulation bracketing (Any 3 types of film simulation selectable)
		Dynamic Range Bracketing (100%, 200%, 400%)
		ISO sensitivity Bracketing (±1/3EV, ±2/3EV, ±1EV)
		White Balance Bracketing (±1, ±2, ±3)
		Focus Bracketing (Frames: 1 - 999, Step: 1-10, Interval: 0 - 10s)
Focus	Mode	Single AF / Continuous AF / MF
	Type	Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)
	Low-light Performance	Contrast: -4.0EV Phase Detection: -7.0EV (XF50mmF1.0 attached)
	AF frame selection	Single point AF: EVF / LCD: 13×9 / 25×17 (Changeable size of AF frame) Zone AF: 3×3 / 5×5 / 7×7 from 91 areas on 13×9 grid Wide/Tracking AF *AF-S: Wide / AF-C: Tracking All
White balance		Auto (WHITE PRIORITY, AUTO, AMBIENCE PRIORITY), / Custom1~3 / Color temperature selection (2500K~10000K) / Preset: Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Underwater
Self-timer		10sec. / 2sec.
Interval timer shooting		Yes (Setting: Interval, Number of shots, Starting time)
Flash		Manual pop-up flash (Super Intelligent Flash)

		Guide number : approx. 7 (ISO200 · m) / approx. 5 (ISO100 · m)
Flash modes	SYNC. MODE	1ST CURTAIN / 2ND CURTAIN (When SYNC TERMINAL on the hot shoe is used) 1ST CURTAIN / 2ND CURTAIN (When BUILT-IN FLASH is set) 1ST CURTAIN / 2ND CURTAIN / AUTO FP(HSS) (When SHOE MOUNT FLASH is set)
	FLASH MODE	TTL (TTL AUTO (P mode) / STANDARD / SLOW SYNC.) / MANUAL / COMMANDER / OFF (When BUILT-IN FLASH is set) TTL (TTL AUTO (P mode) / STANDARD / SLOW SYNC.) / MANUAL / MULTI / OFF (When SHOE MOUNT FLASH is set)
Hot shoe		Yes (Dedicated TTL Flash compatible)
Viewfinder		0.39 inch approx. 2.36 millions dots OLED Color Viewfinder Coverage of viewing area vs. capturing area: approx. 100% Eyepoint: approx. 17.5mm (from the eyepiece lens) Diopter adjustment: -4~+2m-1 Magnification: 0.62× with 50mm lens (35mm equivalent) at infinity and diopter set to -1m-1 Diagonal angle of view: approx. 31° (Horizontal angle of view: approx. 26°) Built-in eye sensor
LCD monitor		3.0 inch, aspect ratio 3:2, approx. 1.04 millions dots touch screen color LCD monitor(approx. 100% coverage)
Movie recording	File format	MOV (MPEG-4 AVC/H.264, Audio: Linear PCM / Stereo sound 24bit / 48KHz sampling) MP4 (MPEG-4 AVC/H.264, Audio: AAC)
	Movie compression	Long-GOP
	File size	DCI 4K **(**4096×2160**)** 29.97p/25p/24p/23.98p 200Mbps/100Mbps up to approx. 30min
	Frame rate	4K **(**3840×2160**)** 29.97p/25p/24p/23.98p 200Mbps/100Mbps up to approx. 30min
	Recording time	Full HD **(**2048 ×1080**)** 59.94p/50p/29.97p/25p/24p/23.98p 200Mbps/100Mbps/50Mbps up to approx. 30min.
		Full HD **(**1920×1080**)** 59.94p/50p/29.97p/25p/24p/23.98p 200Mbps/100Mbps/50Mbps up to approx. 30min.
		Full HD **(**1920×1080) High speed rec.] 240p / 200p 200Mbps(recording) up to approx. 3min. 120p / 100p 200Mbps(recording) up to approx. 6min.
		*The recording time is measured in test conditions at 25°C. The recording time depends on the shooting conditions.
		*For recording movies, use a SD memory card with UHS Speed Class 3 or higher.
Film simulation mode		18 modes (PROVIA/Standard, Velvia/Vivid, ASTIA/Soft, Classic Chrome, PRO Neg.Hi, PRO Neg.Std, Black & White, Black & White+Ye Filter, Black & White+R Filter, Black & White+G Filter, Sepia, ACROS, ACROS+Ye Filter, ACROS+R Filter, ACROS+G Filter, ETERNA/Cinema, Classic Neg, ETERNA BLEACH BYPASS) Monochromatic Color
Clarity setting		±5 steps
HDR mode		AUTO, 200%, 400%, 800%, 800% +
Grain effect		Roughness: STRONG, WEAK, OFF Size: LARGE, SMALL
Color chrome effect		STRONG, WEAK, OFF
Color chrome		STRONG, WEAK, OFF

Blue		
Dynamic range setting	Still	AUTO, 100%, 200%, 400% ISO restriction (DR100%: No limit, DR200%: ISO320 or more, DR400%: ISO640 or more)
	Movie	100%, 200%, 400% ISO restriction (DR100%: No limit, DR200%: ISO320 or more, DR400%: ISO640 or more)
Advanced filter		Toy camera, Miniature, Pop color, High-key, Low-key, Dynamic tone, Soft focus, Partial color (Red / Orange / Yellow / Green / Blue / Purple)
Wireless transmitter	Standard	IEEE802.11b/g/n (standard wireless protocol)
	Encryption	WEP / WPA / WPA2 mixed mode
	Access mode	Infrastructure
Bluetooth®	Standard	Bluetooth Ver 4.2 (Bluetooth low energy)
	Operating frequency (Center frequency)	2402 - 2480MHz
Terminal	Digital interface	USB Type-C (USB3.2 Gen1x1)
	HDMI output	HDMI micro connector (Type D)
	Other	ø3.5mm, stereo mini connector (for Microphone and Remote Release), Hot shoe
Power supply		NP-W126S Li-ion battery (included)
	Battery life for still images*3	Approx. 325 frames (Normal Mode) When XF35mmF1.4 R is set.
	Actual battery life of movie capture*4 *Face detection is set to OFF	[4K] approx. 40min. (29.97p) [Full HD] approx. 40min. (59.94p)
	Continuance battery life of movie capture*4 *Face detection is set to OFF	[4K] approx. 55min. (29.97p) [Full HD] approx. 65min. (59.94p)
Dimensions		(W) 126.0mm × (H) 85.1mm × (D) 65.4mm (minimum depth 32.9mm)
Weight		Approx. 465g (including battery and SD memory card) Approx. 415g (excluding battery and SD memory card)
Operation Environment	Operating Temperature	0°C~+40°C
	Operating Humidity	10%~80% (no condensation)
Starting up period		Approx. 0.4sec.
Accessories included		Li-ion battery NP-W126S USB cable Headphone adapter Shoulder strap Body cap Owner's manual
		*1 Exif 2.3 is a digital camera file format that contains a variety of shooting information for optimal printing.
		*2 The Electronic Shutter may not be suitable for fast-moving objects. Flash can

| | | not be used. |
| | | *3 Approximate number of frames or movie recording time that can be taken with a fully-charged based on CIPA Standard. |