Clifton Cameras Product Specification

Fujifilm X-T30 II Body Only Full Spec

Model name			FUJIFILM X-T30 II
Lens Mount			FUJIFILM X mount
Image sensor			23.5mm x 15.6mm (APS-C) X-Trans CMOS 4 with primary color filter
Number of effective pixels			26.1 millions pixels
Sensor Cleaning System			Ultra Sonic Vibration
Image Processing Engine			X-Processor 4
Storage media			SD Card (-2GB)
			SDHC Card (-32GB)
			SDXC Card (-2TB)
			UHS-I
			*Please see the Fujifilm website (https://fujifilm-x.com/support/compatibility/cameras/) to check memory card compatibility.
File format of still image	DCF		Compliant with Design rule for Camera File system (DCF2.0)
	JPEG		Exif Ver.2.32
	RAW		14bit RAW (RAF original format)
	TIFF		
			*Exif 2.32 is a digital camera file format that contains a variety of shooting information for optimal printing
Number of recorded pixels	[L]	4:3	
		3:2	6240 x 4160
		16:9	6240 x 3512
		1:1	4160 x 4160
		65:24	
		5:4	
		7:6	
	[M]	4:3	
		3:2	4416 x 2944
		16:9	4416 x 2488
		1:1	2944 x 2944
		65:24	

		5:4	
		7:6	
	[S]	4:3	
		3:2	3120 x 2080
		16:9	3120 x 1760
		1:1	2080 x 2080
		65:24	
		5:4	
		7:6	
Panorama	[L]	vertical	9600 x 2160
		Horizontal	9600 x 1440
	[M]	Vertical	6400 x 2160
		Horizontal	6400 x 1440
Lens	Type		
	Focal length		
	Max. aperture		
	Lens configuration		
	ND filter		
Aperture			
Focus range			
Conversion lens			
Digital Tele-Converter			
Sensitivity	Still Image	Standard Output	AUTO1
			AUTO2
			AUTO3
			ISO160～12800 (1/3 step)
		Extended Output	
			ISO80
			ISO100
			ISO125
			ISO25600
			ISO51200
	Movie	Standard Output	AUTO
			ISO160～12800 (1/3 step)
		Extended Output	ISO25600
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	Still		-5.0EV～+5.0EV　1/3EV step
	Movie		-2.0EV～+2.0EV 1/3EV step
Image stabilizer	Mechanism		
	Compensation Effect		
	Digital Image Stabilization		
	IS MODE BOOST		
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	up to 60min.
	Electronic shutter	P mode	4sec. to 1/32000sec.
		A mode	30sec. to 1/32000sec.
		S/M mode	15min. to 1/32000sec.
		Bulb	1sec. Fixed
			*The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.
	Electronic front curtain shutter	P mode	
		A mode	
		S/M mode	
		Bulb	
	Mechanical + Electronic shutter	P mode	4sec. to 1/32000sec.
		A mode	30sec. to 1/32000sec.
		S/M mode	15min. to 1/32000sec.
		Bulb	up to 60min.
			*The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.
	E-front + Mechanical shutter	P mode	
	(GFX: Electronic Front Curtain Shutter)	A mode	
		S/M mode	

		Bulb	
	E-front + Mechanical + Electronic shutter	P mode	
	(GFX: E-Front + Electronic Shutter)	A mode	
		S/M mode	
		Bulb	
	Movie	DCI4K/4K	1/4000sec. to 1/24 sec.
		FHD	1/4000sec. to 1/24 sec.
			*Cannot choose slower shutter speed than framerate.
	Synchronized shutter speed for flash		1/180sec. or slower
Continuous shooting	CH	Electronic shutter, 1.25 x Crop	Approx. 30fps
	No. of recordable frames	JPEG	29 frames
		Compressed RAW	17 frames
		Lossless compressed RAW	17 frames
		Uncompressed RAW	17 frames
	CH	Electronic shutter, 1.25 x Crop	Approx. 20fps
	No. of recordable frames	JPEG	79 frames
		Compressed RAW	20 frames
		Lossless compressed RAW	17 frames
		Uncompressed RAW	17 frames
	CH	Electronic shutter, 1.25 x Crop	Approx. 10fps
	No. of recordable frames	JPEG	153 frames
		Compressed RAW	26 frames
		Lossless compressed RAW	18 frames
		Uncompressed RAW	18 frames
	CH	Electronic shutter	Approx. 20fps
	No. of recordable frames	JPEG	32 frames
		Compressed RAW	17 frames
		Lossless compressed RAW	17 frames
		Uncompressed RAW	17 frames
	CH	Electronic shutter	Approx. 10fps
	No. of recordable frames	JPEG	81 frames
		Compressed RAW	21 frames

		Lossless compressed RAW	18 frames
		Uncompressed RAW	18 frames
	CH	Electronic Front Curtain Shutter	
	No. of recordable frames	JPEG	
		Compressed RAW	
		Lossless compressed RAW	
		Uncompressed RAW	
	CH		Approx. 8.0fps
	No. of recordable frames	JPEG	105 frames
		Compressed RAW	23 frames
		Lossless compressed RAW	18 frames
		Uncompressed RAW	18 frames
	CH		
	No. of recordable frames	JPEG	
		Compressed RAW	
		Lossless compressed RAW	
		Uncompressed RAW	
	CH		
	No. of recordable frames	JPEG	
		Compressed RAW	
		Lossless compressed RAW	
		Uncompressed RAW	
	CL		Approx. 5.0fps
	No. of recordable frames	JPEG	458 frames
		Compressed RAW	46 frames
		Lossless compressed RAW	24 frames
		Uncompressed RAW	19 frames
	CL		Approx. 4.0fps
	No. of recordable frames	JPEG	Endless
		Compressed RAW	107 frames
		Lossless compressed RAW	28 frames
		Uncompressed RAW	20 frames
	CL		Approx. 3.0fps
	No. of recordable frames	JPEG	Endless
		Compressed RAW	480 frames
		Lossless compressed RAW	34 frames
		Uncompressed RAW	21 frames
	CL		
	No. of recordable frames	JPEG	

		Compressed RAW	
		Lossless compressed RAW	
		Uncompressed RAW	
	Pre-shot 1	Electronic shutter, 1.25 x Crop	Approx. 30fps
	No. of recordable frames	While half press	10 frames
		After full press	15 frames
		Total	25 frames
	Pre-shot 2	Electronic shutter, 1.25 x Crop	Approx. 20fps
	No. of recordable frames	While half press	10 frames
		After full press	48 frames
		Total	58 frames
	Pre-shot 3	Electronic shutter, 1.25 x Crop	Approx. 10fps
	No. of recordable frames	While half press	10 frames
		After full press	110 frames
		Total	120 frames
			*Recordable frames depends on recording media
			*Speed of continuous shooting depends on shooting environment and shooting frames
Drive Mode	AE Bracketing		2 frames
			3 frames
			5 frames
			7 frames
			9 frames
			*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		AUTO
			MANUAL
	Multiple Exposure		Yes (Max. 9 frames)
			Additive

			Average
			Bright
			Dark
	HDR Mode		AUTO
			200%
			400%
			800%
			800% +
	Advanced filter		Toy camera
			Miniature
			Pop color
			High-key
			Low-key
			Dynamic tone
			Soft focus
			Partial color (Red / Orange / Yellow / Green / Blue / Purple)
	Pixel Shift Multi Shot		
Focus	Mode		Single AF
			Continuous AF
			MF
	Type		Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)
	Low-light Performance	Contrast	-4.0EV
			XF50mmF1.0 attached
		Phase Detection	-7.0EV
			XF50mmF1.0 attached
	AF frame selection	Single point AF	13x9 / 25x17 (Changeable size of AF frame)
		Zone AF	3x3 / 5x5 / 7x7 from 117 areas on 13×9 grid
		Wide/Tracking AF	Yes (AF-S: Wide / AF-C: Tracking)
		All	Yes
	Face/eye detection		Yes
フラッシュ	Built-in flash		Manual pop-up flash (Super Intelligent Flash)
		Guide Number	approx. 7 (ISO200・m) / approx. 5 (ISO100・m)
		Effective range(ISO1600)	
		Sync. Mode	1st Curtain
			2nd Curtain
		Flash Mode	TTL (TTL AUTO / STANDARD / SLOW SYNC.)
			MANUAL
			COMMANDER
			OFF

	EF-X8	Guide Number	
		Sync. Mode	
		Flash Mode	
	Shoe mount flash	Sync. Mode	1st Curtain
			2nd Curtain
			AUTO FP (HSS)
		Flash Mode	TTL (TTL AUTO / STANDARD / SLOW SYNC.)
			MANUAL
			MULTI *When EF-X500 is set
			OFF
	Synchronized terminal	Sync. Mode	
		Flash Mode	
Hot shoe			Yes (Dedicated TTL Flash compatible)
Viewfinder (Hybrid viewfinder)	OVF		
		Coverage of Frame Area v.s. Capturing Area	
		Magnification	
Viewfinder	EVF		0.39 inch OLED Color Viewfinder
			Approx. 2.36 million dots
		Coverage of Viewing Area vs. Capturing Area	Approx. 100%
		Eyepoint	Approx. 17.5mm (from the Rear End of the Camera's Eyepiece)
		Diopter Adjustment	-4～+2m-1
		Magnification	0.62x with 50mm Lens (35mm Equivalent) at infinity and Diopter set to -1.0m-1
		Diagonal Angle of View	approx. 31° (Horizontal angle of view: approx. 26°)
			Built-In Eye Sensor
LCD monitor			3.0 inch Tilt-Type Touch Screen Color LCD Monitor
	Aspect Ratio		3:2
	Dots		Approx. 1.62 million dots
Touch Screen Mode	Shooting Mode		Shooting
			AF
			Focus Area
			OFF
			Double Tap Setting (ON/OFF)
			Touch Function Setting (ON/OFF)

			EVF Touch Screen Area Setting
	Playback Mode		Swipe
			Pinch-in / Pinch-out
			Double-tap
			Drag
Sub LCD monitor			
	Aspect Ratio		
	Dots		
Rear sub monitor			
	Aspect Ratio		
	Dots		
Movie recording	File format	MOV	
			MPEG-4 AVC/H.264, Linear PCM (Stereo sound 24bit / 48KHz sampling)
		MP4	MPEG-4 AVC/H.264, AAC
	Movie compression		
			Long GOP
	DCI4K(17:9)	File size	4096 x 2160
		Frame rate	
			29.97p
			25p
			24p
			23.98p
		Bitrate	
			200Mbps
			100Mbps
		Recording time	Up to approx. 30min.
	4K(16:9)	File size	3840 x 2160
		Frame rate	
			29.97p
			25p
			24p
			23.98p
		Bitrate	
			200Mbps
			100Mbps
		Recording time	Up to approx. 30min.

	Full HD(17:9)	File size	2048 x 1080
		Frame rate	59.94p
			50p
			29.97p
			25p
			24p
			23.98p
		Bitrate	200Mbps
			100Mbps
			50Mbps
		Recording time	Up to approx. 30min.
	Full HD(16:9)	File size	1920 x 1080
		Frame rate	59.94p
			50p
			29.97p
			25p
			24p
			23.98p
		Bitrate	200Mbps
			100Mbps
			50Mbps
		Recording time	Up to approx. 30min.
	Full HD(16:9) High speed rec.	File size	1920 x 1080
		Frame rate	240p
			200p
			120p
			100p
		Bitrate	200Mbps (recording)
		Recording time	240p / 200p up to approx. 3min
			120p / 100p up to approx. 6min.
	HD(16:9)	File size	
		Frame rate	
		Bitrate	
		Recording time	
			*For recording movies, use a SD memory card with UHS Speed Class 3 or higher.

			*Recording time can become short depending on the temperature and/or shooting conditions
Scene Position mode			
Film simulation mode			18 modes
			PROVIA/Standard
			Velvia/Vivid
			ASTIA/Soft
			Classic Chrome
			PRO Neg.Hi
			PRO Neg.Std
			Classic Neg.
			ETERNA/Cinema
			ETERNA BLEACH BYPASS
			ACROS
			ACROS + Ye Filter
			ACROS + R Filter
			ACROS + G Filter
			Black & White
			Black & White + Ye Filter
			Black & White + R Filter
			Black & White + G Filter
			Sepia
Monochromatic Color			Yes
B & W ADJ. (Warm/Cool)			
Grain Effect	Roughness		STRONG, WEAK, OFF
	Size		LARGE, SMALL
Color Chrome Effect			STRONG, WEAK, OFF

Color chrome Blue			STRONG, WEAK, OFF
Smooth Skin Effect			
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
White balance	Auto		White Priority
			Auto
			Ambience Priority
	Custom		Custom1 - 3
	Color temperature selection		2500K～10000K
	Preset		Fine
			Shade
			Fluorescent Light-1
			Fluorescent Light-2
			Fluorescent Light-3
			Incandescent Light
			Underwater
Clarity setting			±5 steps
Self-timer			10sec.
			2sec.
Interval timer shooting			Yes (Setting : Interval, Number of shots, Starting time, Interval timer shooting exposure smoothing)
Wireless transmitter	Standard		IEEE802.11b/g/n (standard wireless protocol)
	Encryption		WEP/WPA/WPA2 mixed mode
	Access mode		Infrastructure
Bluetooth®	Standartd		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)
	Others		ø2.5mm, stereo mini connector (for Microphone and Remote Release)
			Hot shoe
Power supply			NP-W126S Li-ion battery (included)
	Battery life for still images	Economy Mode	

		Normal Mode	Approx. 390 frames
			*When XF35mmF1.4 R is set
	Actual battery life of movie capture	4K	Approx. 45min. (29.97p)
		Full HD	Approx. 45min. (59.94p)
			*Face detection is set to OFF
	Continuance battery life of movie capture	4K	Approx. 60min. (29.97p)
		Full HD	Approx. 75min. (59.94p)
			*Face detection is set to OFF
			*Approximate number of frames or movie recording time that can be taken with a fully-charged based on CIPA Standard.
Dimensions		Width	118.4mm
		Height	82.8mm
		Depth	46.8mm
		(Minimum Depth)	(31.9mm)
	Excluding EVF	Width	
		Height	
		Depth	
		(Minimum Depth)	
Weight	including battery and SD memory card		Approx. 378g
	excluding battery and SD memory card		Approx. 329g
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