Clifton Cameras Product Specification

Fujifilm X-T5 Digital Camera Body Only Full Spec

Model name			FUJIFILM X-T5
Lens Mount			FUJIFILM X mount
Image sensor			23.5mm x 15.6mm (APS-C) X-Trans CMOS 5 HR with primary color filter
Number of effective pixels			40.2 millions pixels
Sensor Cleaning System			Ultra Sonic Vibration
Image Processing Engine			X-Processor 5
Storage media			SD Card (-2GB)
			SDHC Card (-32GB)
			SDXC Card (-2TB)
			UHS-I
			UHS-II
			Video Speed Class V90
			*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
	HEIF		4:2:2 10bit
	RAW		14bit RAW (RAF original format)
	TIFF		8bit / 16bit RGB (In-camera Raw Conversion Only)
			*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	6864 x 5152
		3:2	7728 x 5152
		16:9	7728 x 4344
		1:1	5152 x 5152
		65:24	
		5:4	6432x5152
		7:6	
	[M]	4:3	4864 x 3648
		3:2	5472 x 3648

			16:9	5472 x 3080
			1:1	3648 x 3648
			65:24	
			5:4	4560x3648
			7:6	
	[S]		4:3	3456 x 2592
			3:2	3888 x 2592
			16:9	3888 x 2184
			1:1	2592 x 2592
			65:24	
			5:4	3264x2592
			7:6	
Panorama	[L]		vertical	9600 x 2160
			Horizontal	9600 x 1440
	[M]		Vertical	6400 x 2160
			Horizontal	6400 x 1440
Digital Tele-Converter				2.0x
				1.4x
				OFF
Sensitivity	Still Image	Standard Output		AUTO1
				AUTO2
				AUTO3
				ISO125〜12800 (1/3 step)
		Extended Output		
				ISO64
				ISO80
				ISO100
				ISO25600
				ISO51200
	Movie	Standard Output		AUTO
				ISO125〜12800 (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		Image sensor shift mechanism with 5-axis compensation
	Compensation Effect		7.0 stops
			*based on CIPA standard
			*Pitch/yaw shake only
			*With XF35mmF1.4 R lens mounted
	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	30sec. to 1/8000sec.
		A mode	30sec. to 1/8000sec.
		S/M mode	15min. to 1/8000sec.
		Bulb	up to 60min.
	Electronic shutter	P mode	30sec. to 1/180000sec.
		A mode	30sec. to 1/180000sec.
		S/M mode	15min. to 1/180000sec.
		Bulb	1sec. Fixed
	Electronic front curtain shutter	P mode	30sec. to 1/8000sec.
		A mode	30sec. to 1/8000sec.
		S/M mode	15min. to 1/8000sec.
		Bulb	up to 60min.
	Mechanical + Electronic shutter	P mode	30sec. to 1/180000sec.
		A mode	30sec. to 1/180000sec.
		S/M mode	15min. to 1/180000sec.
		Bulb	up to 60min.
			*Mechanical shutter works until 1/8000sec.
	E-front + Mechanical shutter	P mode	30sec. to 1/8000sec.
	(GFX: Electronic Front Curtain Shutter)	A mode	30sec. to 1/8000sec.
		S/M mode	15min. to 1/8000sec.
		Bulb	up to 60min.
			*Electronic front curtain shutter works until 1/2000sec.

	E-front + Mechanical + Electronic shutter	P mode	30sec. to 1/180000sec.
	(GFX: E-Front + Electronic Shutter)	A mode	30sec. to 1/180000sec.
		S/M mode	15min. to 1/180000sec.
		Bulb	up to 60min.
			*Electronic front curtain shutter works until 1/2000sec, Mechanical shutter works until 1/8000sec.
			*The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.
	Movie	8K	
		6.2K	1/8000sec. to 1/24 sec.
		DCI4K/4K	1/8000sec. to 1/4 sec.
		FHD	1/8000sec. to 1/4 sec.
			*Cannot choose slower shutter speed than framerate for some settings.
	Synchronized shutter speed for flash	Mechanical shutter	1/250sec. or slower
		Electronic shutter	1/125sec. or slower
Continuous shooting	CH	Electronic shutter	Approx. 20fps (1.29x Crop)
	No. of recordable frames	JPEG	168 frames
		Compressed RAW	72 frames
		Lossless compressed RAW	41 frames
		Uncompressed RAW	23 frames
		Compressed RAW + JPEG	37 frames
		Lossless compressed RAW + JPEG	31 frames
		Uncompressed RAW + JPEG	23 frames
	CH	Electronic shutter	Approx. 13fps (1.29x Crop)
	No. of recordable frames	JPEG	1000+ frames
		Compressed RAW	104 frames
		Lossless compressed RAW	53 frames
		Uncompressed RAW	23 frames
		Compressed RAW + JPEG	56 frames
		Lossless compressed RAW + JPEG	44 frames
		Uncompressed RAW + JPEG	23 frames

	CH	Electronic shutter	Approx. 10fps (1.29x Crop)
	No. of recordable frames	JPEG	1000+ frames
		Compressed RAW	1000+ frames
		Lossless compressed RAW	70 frames
		Uncompressed RAW	25 frames
		Compressed RAW + JPEG	72 frames
		Lossless compressed RAW + JPEG	53 frames
		Uncompressed RAW + JPEG	23 frames
Continuous shooting	CH	Electronic shutter	
	No. of recordable frames	JPEG	
		Compressed RAW	
		Lossless compressed RAW	
		Uncompressed RAW	
		Compressed RAW+JPEG	
		Lossless compressed RAW+JPEG	
		Uncompressed RAW+JPEG	
	CH	Electronic shutter	
	No. of recordable frames	JPEG	
		Compressed RAW	
		Lossless compressed RAW	
		Uncompressed RAW	
		Compressed RAW+JPEG	
		Lossless compressed RAW+JPEG	
		Uncompressed RAW+JPEG	
	CH	Electronic shutter	Approx. 13fps
	No. of recordable frames	JPEG	163 frames
		Compressed RAW	56 frames
		Lossless compressed RAW	29 frames
		Uncompressed RAW	22 frames
		Compressed RAW+JPEG	32 frames
		Lossless compressed	26 frames

		RAW+JPEG	
		Uncompressed RAW+JPEG	20 frames
	CH	Electronic shutter	Approx. 8.9fps
	No. of recordable frames	JPEG	1000+ frames
		Compressed RAW	94 frames
		Lossless compressed RAW	40 frames
		Uncompressed RAW	23 frames
		Compressed RAW+JPEG	45 frames
		Lossless compressed RAW+JPEG	30 frames
		Uncompressed RAW+JPEG	22 frames
	CH	Mechanical shutter	Approx. 15fps
	No. of recordable frames	JPEG	119 frames
		Compressed RAW	39 frames
		Lossless compressed RAW	22 frames
		Uncompressed RAW	19 frames
		Compressed RAW+JPEG	27 frames
		Lossless compressed RAW+JPEG	21 frames
		Uncompressed RAW+JPEG	19 frames
	CH	Mechanical shutter	Approx. 10fps
	No. of recordable frames	JPEG	1000+ frames
		Compressed RAW	56 frames
		Lossless compressed RAW	29 frames
		Uncompressed RAW	19 frames
		Compressed RAW+JPEG	34 frames
		Lossless compressed RAW+JPEG	25 frames
		Uncompressed RAW+JPEG	19 frames
	CL	Mechanical shutter	Approx. 7.0fps
	No. of recordable frames	JPEG	1000+ frames
		Compressed RAW	1000+ frames
		Lossless compressed RAW	33 frames
		Uncompressed RAW	20 frames

		Compressed RAW+JPEG	45 frames
		Lossless compressed RAW+JPEG	22 frames
		Uncompressed RAW+JPEG	20 frames
	Pre-shot	Electronic shutter	Approx. 20fps (1.29x Crop)
	No. of recordable frames	While half press	20 frames
		After full press	140 frames
		Total	
	Pre-shot	Electronic shutter	Approx. 13fps (1.29x Crop)
	No. of recordable frames	While half press	13 frames
		After full press	300 frames
	Pre-shot	Electronic shutter	Approx. 10fps (1.29x Crop)
	No. of recordable frames	While half press	10 frames
		After full press	370 frames
	Pre-shot	Electronic shutter	Approx. 13fps
	No. of recordable frames	While half press	13 frames
		After full press	70 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		Yes
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

	Subject detection		Yes (Animal/Bird/Automobile/Motorcycle&Bike/ Airplane/Train)
Flash	EF-X8	Guide Number	approx. 11 (ISO200・m) / approx. 8 (ISO100・m)
		Sync. Mode	1st Curtain
			2nd Curtain
		Flash Mode	TTL (TTL AUTO / STANDARD / SLOW SYNC.)
			MANUAL
			COMMANDER
			OFF
	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	1st Curtain
			2nd Curtain
		Flash Mode	MANUAL
Hot shoe			Yes (Dedicated TTL Flash compatible)
Viewfinder	EVF		0.5 inch OLED Color Viewfinder
			Approx. 3.69 million dots
		Coverage of Viewing Area vs. Capturing Area	Approx. 100%
		Eyepoint	Approx. 24mm (from the Rear End of the Camera's Eyepiece)
		Diopter Adjustment	-5～+3m-1
		Magnification	0.80x with 50mm Lens (35mm Equivalent) at infinity and Diopter set to -1.0m-1
		Diagonal Angle of View	approx. 39° (Horizontal angle of view: approx. 32°)
			Built-In Eye Sensor
LCD monitor			3.0 inch Tilt-Type(Three Direction) Touch Screen Color LCD Monitor
	Aspect Ratio		3:2
	Dots		Approx. 1.84 million dots
Touch Screen Mode	Shooting Mode		Shooting
			AF
			Focus Area
			OFF

			Double Tap Setting (ON/OFF)
			Touch Function Setting (ON/OFF)
			Touch Zoom (ON/OFF)
			EVF Touch Screen Area Setting
	Playback Mode		Swipe
			Pinch-in / Pinch-out
			Double-tap
			Drag
Sub LCD monitor			
	Aspect Ratio		
	Dots		
Movie recording	File format	MOV	
			HEVC/H.265, Linear PCM (Stereo sound 24bit / 48KHz sampling)
			MPEG-4 AVC/H.264, Linear PCM (Stereo sound 24bit / 48KHz sampling)
		MP4	MPEG-4 AVC/H.264, AAC
	Movie compression		All Intra
			Long GOP
	8K(16:9)	File size	
		Frame rate	
		Bitrate	
	6.2K(3:2)	File size	
		Frame rate	

		Bitrate	
	6.2K(16:9)	File size	6240 x 3150
		Frame rate	29.97p
			25p
			24p
			23.98p
		Bitrate	
			360Mbps
			200Mbps
			100Mbps
			50Mbps
	DCI4K HQ(17:9)	File size	4096 x 2160
		Frame rate	29.97p
			25p
			24p
			23.98p
		Bitrate	
			360Mbps
			200Mbps
			100Mbps
			50Mbps
	4K HQ(16:9)	File size	3840 x 2160
		Frame rate	29.97p
			25p
			24p
			23.98p
		Bitrate	
			360Mbps
			200Mbps
			100Mbps
			50Mbps
	DCI4K(17:9)	File size	4096 x 2160
		Frame rate	59.94p
			50p
			29.97p
			25p

			24p
			23.98p
		Bitrate	
			360Mbps
			200Mbps
			100Mbps
			50Mbps
		Recording time	
	4K(16:9)	File size	3840 x 2160
		Frame rate	59.94p
			50p
			29.97p
			25p
			24p
			23.98p
		Bitrate	
			360Mbps
			200Mbps
			100Mbps
			50Mbps
		Recording time	
	Full HD(17:9)	File size	2048 x 1080
		Frame rate	59.94p
			50p
			29.97p
			25p
			24p
			23.98p
		Bitrate	
			360Mbps
			200Mbps
			100Mbps
			50Mbps
	Full HD(16:9)	File size	1920 x 1080
		Frame rate	59.94p
			50p
			29.97p
			25p

			24p
			23.98p
		Bitrate	
			360Mbps
			200Mbps
			100Mbps
			50Mbps
	DCI4K(17:9) High speed rec.	File size	
		Frame rate	
		Bitrate	
	4K(16:9) High speed rec.	File size	
		Frame rate	
		Bitrate	
	Full HD(17:9) High speed rec.	File size	2048 x 1080
		Frame rate	240p
			200p
			120p
			100p
		Bitrate	
			360Mbps (recording)
			200Mbps (recording)
	Full HD(16:9) High speed rec.	File size	1920 x 1080
		Frame rate	240p
			200p
			120p
			100p
		Bitrate	
			360Mbps (recording)
			200Mbps (recording)
			*For recording movies, use a SD memory card with UHS Speed Class 3 or higher.

			*For recording movies in 360Mbps, use a SD memory card with Video Speed Class 60 or higher.
			*Selectable bitrate will be changed depends on the setting.
			*Recording time can become short depending on the temperature and/or shooting conditions
Film simulation mode			19 modes
			PROVIA/Standard
			Velvia/Vivid
			ASTIA/Soft
			Classic Chrome
			PRO Neg.Hi
			PRO Neg.Std
			Classic Neg.
			Nostalgic 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
Grain Effect	Roughness		STRONG, WEAK, OFF
	Size		LARGE, SMALL
Color Chrome Effect			STRONG, WEAK, OFF
Color chrome Blue			STRONG, WEAK, OFF
Smooth Skin Effect			STRONG, WEAK, OFF
Dynamic range setting	Still		AUTO / 100% / 200% / 400%

		ISO restriction	DR100%: No limit、 DR200%: ISO250 or more、 DR400%: ISO500 or more
	Movie		100％ / 200％ / 400％
		ISO restriction	DR100%: No limit、 DR200%: ISO250 or more、 DR400%: ISO500 or more
White balance	Auto		White Priority
			Auto
			Ambience Priority
	Custom		Custom1 - 3
	Color temperature selection		2500K～10000K
	Preset		Daylight
			Shade
			Fluorescent Light-1
			Fluorescent Light-2
			Fluorescent Light-3
			Incandescent Light
			Underwater
Clarity setting			±5 steps
Self-timer	Still		10sec.
			2sec.
	Movie		10sec.
			5sec.
			3sec.
Interval timer shooting			Yes (Setting : Interval, Number of shots, Starting time, Interval timer shooting exposure smoothing, Interval priority mode)
Wireless transmitter	Standard		IEEE802.11a/b/g/n/ac (standard wireless protocol)
	Encryption		WPA/WPA2 mixed mode, WPA3
	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 Gen2x1)
	HDMI output		HDMI Micro connector (Type D)
	Others		ø3.5mm, stereo mini connector (Microphone)
			ø2.5mm, Remote Release Connector
			Hot shoe
			Synchronized terninal
Power supply			NP-W235 Li-ion battery (included)

	Battery life for still images	Economy Mode	Approx. 740 frames
		Normal Mode	Approx. 580 frames
			*When XF35mmF1.4 R is set
	Actual battery life of movie capture	8K	
		6.2K	Approx. 90min. (29.97p)
		4K	Approx. 80min. (59.94p)
		Full HD	Approx. 90min. (59.94p)、 Approx. 100min. (120P)
			*Face detection is set to OFF
	Continuance battery life of movie capture	8K	
		6.2K	Approx. 130min. (29.97p)
		4K	Approx. 130min. (59.94p)
		Full HD	Approx. 150min. (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	129.5mm
		Height	91mm
		Depth	63.8mm
		(Minimum Depth)	(37.9mm)
Weight	including battery and memory card		Approx. 557g
	excluding battery and memory card		Approx. 476g
Operation Environment	Operating Temperature		-10℃〜+40℃
	Operating Humidity		10% - 80% (no condensation)
Accessories included			
			Li-ion battery NP-W235
			AC power adapter AC-5VJ
			Plug adapter
			USB cable
			Headphone adapter
			Shoulder strap

			Body cap
			Hot shoe cover
			Sync terminal cover
			Owner's manual