

Clifton Cameras Product Specification

Fujifilm X-T4 Digital Camera

General Info

Model name	FUJIFILM X-T4
Number of effective pixels	26.1 million pixels
Image sensor	23.5mm×15.6mm (APS-C) X-Trans CMOS 4 with primary colour filter.
Sensor Cleaning system	Ultra Sonic Vibration
Storage media	SD memory card (~2GB) / SDHC memory card (~32GB) / SDXC memory card (~512GB) UHS-I / UHS-II / Video Speed Class V90 *1
File format of still image	JPEG: Exif Ver.2.3 *2 RAW: 14bit RAW (RAF original format) TIFF: 8/16bit RGB
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)
Sensitivity 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)
Mechanism	Image sensor shift mechanism with 5-axis compensation
Compensation Effect	Maximum 6.5 stops (based on CIPA standard. Pitch/yaw shake only.)
Digital Image Stabilization	Yes (movie mode only)
IS MODE BOOST	Yes (movie mode only)

Shutter

Shutter type	Focal Plane Shutter
Mechanical Shutter	P mode: 4sec. to 1/8000sec. A mode: 30sec. to 1/8000sec. S/M mode: 15min. to 1/8000sec. Bulb mode: up to 60min.
Electronic Shutter *3	P mode: 4sec. to 1/32000sec. A mode: 30sec. to 1/32000sec. S/M mode: 15min. to 1/32000sec. Bulb mode: 1sec. Fixed
Electronic front curtain shutter	P mode: 4sec. to 1/8000sec. A mode: 30sec. to 1/8000sec. S/M mode: 15min. to 1/8000sec. Bulb mode: up to 60min.
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.

E-front + Mechanical shutter	P mode: 4sec. to 1/8000sec. A mode: 30sec. to 1/8000sec. S/M mode: 15min. to 1/8000sec. Bulb mode: up to 60min. *Electronic front curtain shutter works until 1/2000sec.
E-front + 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. *Electronic front curtain shutter works until 1/2000sec, Mechanical shutter works until 1/8000sec.
Movie	FHD: 1/8000sec. ~ 1/4sec. DCI4K/4K: 1/8000sec. ~ 1/24sec. (depends on the frame rate)
Synchronized shutter speed for flash	1/250sec. or slower

Continuous Shooting	Approx. 30fps [Only electronic shutter, 1.25 x Crop] (JPEG : 60 frames Lossless compressed RAW / Compressed RAW: 35 frames Uncompressed RAW: 33 frames)
	Approx. 20fps [Only electronic shutter, 1.25 x Crop] (JPEG : 114 frames Lossless compressed RAW / Compressed RAW: 37 frames Uncompressed RAW: 34 frames)
	Approx. 10fps [Only electronic shutter, 1.25 x Crop] (JPEG : 500 frames Lossless compressed RAW / Compressed RAW: 48 frames Uncompressed RAW: 39 frames)
	Approx. 20fps [Only electronic shutter] (JPEG: 79 frames Lossless compressed RAW / Compressed RAW: 36 frames Uncompressed RAW: 34 frames)
	Approx. 15fps (JPEG: 110 frames Lossless compressed RAW / Compressed RAW: 38 frames Uncompressed RAW: 35 frames)
	Approx. 10fps (JPEG: 164 frames Lossless compressed RAW / Compressed RAW: 44 frames Uncompressed RAW: 37 frames)
	Approx. 8fps (JPEG: 200 frames Lossless compressed RAW / Compressed RAW: 49 frames Uncompressed RAW: 39 frames)
	Pre-shot: Approx. 30fps [Only electronic shutter, 1.25 x Crop] (max. 20 frames while half press, max. 20 frames after full press, total max. 40 frames)
	Pre-shot: Approx. 20fps [Only electronic shutter, 1.25 x Crop] (max. 20 frames while half press, max. 37 frames after full press, total max. 57 frames)
Pre-shot: Approx. 10fps [Only electronic shutter, 1.25 x Crop] (max. 10 frames while half press, max. 300 frames after full press, total max. 310 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)
	Film Simulation 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)

Focus

Mode	Single AF / Continuous AF / MF
Type	Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)
Low-light Performance	Contrast: -3.0EV Phase Detection: -6.0EV (XF35mmF1.4 attached)
AF frame selection	Single point AF: EVF / LCD: 13x9 / 25x17 (Changeable size of AF frame) Zone AF: 3x3 / 5x5 / 7x7 from 91 areas on 13x9 grid Wide/Tracking AF *AF-S: Wide / AF-C: Tracking All

Shooting Modes

White balance	Auto (WHITE PRIORITY, AUTO, AMBIENCE PRIORITY), / Custom1~3 / Colour 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)
SYNC. MODE	1ST CURTAIN / 2ND CURTAIN / AUTO FP(HSS) (excl. EF-X8)
FLASH MODE	TTL (TTL AUTO (P mode) / STANDARD / SLOW SYNC.) / MANUAL / COMMANDER / OFF (When EF-X8 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)

EVF and LCD Screen

Viewfinder	0.5 inch approx. 3.69 millions dots OLED Colour Viewfinder Coverage of viewing area vs. capturing area: approx. 100% Eyepoint: approx. 23mm (from the eyepiece lens) Diopter adjustment: -4~+2m-1 (lockable) Magnification: 0.75x with 50mm lens (35mm equivalent) at infinity and diopter set to -1m-1 Diagonal angle of view: approx. 38° (Horizontal angle of view: approx. 30°) Built-in eye sensor
LCD monitor	3.0 inch, aspect ratio 3:2, approx. 1.62 millions dots touch screen colour LCD monitor(approx. 100% coverage)

Movie Recording

File format	MOV (MPEG-4 AVC/H.264, HEVC/H.265, Audio: Linear PCM / Stereo sound 24bit / 48KHz sampling) MP4 (MPEG-4 AVC/H.264, Audio: AAC)
Movie compression	All Intra/Long-GOP
File size	[DCI 4K(4096x2160)] 59.94p/50p/29.97p/25p/24p/23.98p 400Mbps/200Mbps/100Mbps 59.94p/50p: up to approx. 20min. 29.97p/25p/24p/23.98p: up to approx. 30min

Frame rate	[4K(3840x2160)] 59.94p/50p/29.97p/25p/24p/23.98p 400Mbps/200Mbps/100Mbps 59.94p/50p: up to approx. 20min. 29.97p/25p/24p/23.98p: up to approx. 30min
Recording time	[Full HD(2048 x1080)] 59.94p/50p/29.97p/25p/24p/23.98p 200Mbps/100Mbps/50Mbps up to approx. 30min.
	[Full HD(1920x1080)] 59.94p/50p/29.97p/25p/24p/23.98p 200Mbps/100Mbps/50Mbps up to approx. 30min.
	[Full HD(1920x1080) High speed rec.] 240p / 200p 200Mbps(recording) up to approx. 3min. 120p / 100p 200Mbps(recording) up to approx. 6min.

* All Intra can be used with following settings.

DCI4K/4K 29.97p/25p/24p/23.98p 400Mbps

Full HD(2048x1080)/ Full HD(1920x1080) 59.94p/50p/29.97p/25p/24p/23.98p
200Mbps

*For recording movies, use a SD memory card with UHS Speed Class 3 or higher.

*For recording movies in 400Mbps, use a SD memory card with Video Speed Class 60 or higher.

*Recording movies in 400Mbps can be done with DCI4K/4K 29.97p/25p/24p/23.98p.

*DCI4K 59.94p/50p is not available when H.264 is selected.

*Although movie recording will continue without interruption when the file size reaches 4GB, subsequent

footage will be recorded to a separate file which must be viewed separately.

In-built Editing Features

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 Colour
Clarity setting	±5 steps
HDR mode	AUTO, 200%, 400%, 800%, 800% +
Grain effect	Roughness: STRONG, WEAK, OFF Size: LARGE, SMALL
Colour chrome effect	STRONG, WEAK, OFF
Colour chrome Blue	STRONG, WEAK, OFF
Dynamic Range Setting Still	AUTO, 100%, 200%, 400% ISO restriction (DR100%: No limit, DR200%: ISO320 or more, DR400%: ISO640 or more)
Dynamic Range Setting Movie	100%, 200%, 400% ISO restriction (DR100%: No limit, DR200%: ISO320 or more, DR400%: ISO640 or more)
Advanced filter	Toy camera, Miniature, Pop colour, High-key, Low-key, Dynamic tone, Soft focus, Partial colour (Red / Orange / Yellow / Green / Blue / Purple)

Additional Information

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 (Microphone) / ø2.5mm, Remote Release Connector, Hot shoe, Synchronized terminal
Power supply		NP-W235 Li-ion battery (included)
	Battery life for still images*4	Approx. 600 frames (Economy Mode), approx. 500 frames (Normal Mode) When XF35mmF1.4 R is set.
	Actual battery life of movie capture*4 *Face detection is set to OFF	[4K] approx. 85min. (29.97p) [Full HD] approx. 95min. (59.94p)
	Continuance battery life of movie capture*4 *Face detection is set to OFF	[4K] approx. 110min. (29.97p) [Full HD] approx. 130min. (59.94p)

Dimensions and Operation Environment

Dimensions	(W) 134.6mm x (H) 92.8mm x (D) 63.8mm (minimum depth 37.9mm)
Weight	Approx. 607g (including battery and SD memory card) Approx. 526g (excluding battery and SD memory card)
Operating Temperature	-10°C~+40°C
Operating Humidity	10%~80% (no condensation)
Starting up period	Approx. 0.39sec.

*1 Please see the Fujifilm website to check SD memory card compatibility.

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

*3 The Electronic Shutter may not be suitable for fast-moving objects. Flash can not be used.

*4 Approximate number of frames or movie recording time that can be taken with a fully-charged based on CIPA Standard.