Clifton Cameras Product Specification

Fujifilm X-Pro 3 Full Spec

Model name	FUJIFILM X-Pro3
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 (~512GB)	SD memory card (~2GB) / SDHC memory card (~32GB) / SDXC memory card
	UHS-I / UHS-II / Video Speed Class V30 *1
File format of still image	JPEG: Exif Ver.2.3*2, RAW: 14bit RAW (RAF original format) / RAW+JPEG
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
SensitivityStandard output	AUTO1 / AUTO2 / AUTO3 / 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)
Shutter type	Focal Plane Shutter

Shutter speed   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."

Synchronized shutter speed for flash   1/250sec. or slower

Continuous shooting   Approx. 11fps (JPEG: 145 frames Lossless compression RAW: 42 frames Uncompressed RAW: 36 frames)

Approx. 8.0fps (JPEG: 200 frames Lossless compression RAW: 46 frames Uncompressed RAW: 39 frames)

Approx. 5.7fps (JPEG: endless Lossless Compression RAW: 62 frames Uncompressed RAW: 43 frames)

Approx. 5.0fps (JPEG: endless Lossless compression RAW: 79 frames Uncompressed RAW: 46 frames)

Approx. 4.0fps (JPEG: endless Lossless compression RAW: 134 frames Uncompressed RAW: 53 frames)

Approx. 3.0fps (JPEG: endless Lossless Compression RAW: endless Uncompressed RAW: 71 frames)

Approx. 30fps [Only electronic shutter, 1.25 x Crop] (JPEG: 60 frames Lossless compression RAW: 35 frames Uncompressed RAW: 33 frames)

Approx. 20fps [Only electronic shutter, 1.25 x Crop] (JPEG: 114 frames Lossless compression RAW: 37 frames Uncompressed RAW: 34 frames)

Approx. 20fps [Only electronic shutter] (JPEG: 79 frames Lossless compression RAW: 36 frames Uncompressed RAW: 34 frames)

Approx. 10fps [Only electronic shutter, 1.25 x Crop] (JPEG: 500 frames Lossless compression RAW: 48 frames Uncompressed RAW: 39 frames)

Approx. 10fps [Only electronic shutter] (JPEG: 164 frames Lossless compression RAW: 44 frames Uncompressed RAW: 37 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 (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: 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: (up to 18 area)

*AF-S: Wide / AF-C: Tracking

All"

White balance   "Automatic Scene recognition / 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 modes   "MODE: TTL MODE (Flash Auto, Standard, Slow Sync.), Manual, Multi, OFF

SYNC. MODE: 1st Curtain, 2nd Curtain, AUTO FP (high-speed sync)

RED EYE REMOVAL: FLASH + REMOVAL, FLASH, REMOVAL, OFF"

Hot shoe   Yes (Dedicated TTL Flash compatible)

Viewfinder   OVF   "Reverse Galilean viewfinder with electronic bright frame display

Coverage of frame area v.s. capturing area: approx. 95%

Magnifications approx x0.52"

         EVF   "0.5 inch approx. 3.69 millions dots OLED Color Viewfinder (4:3)

Coverage of viewing area vs. capturing area: approx. 100%

Eyepoint: approx. 16.8mm (from the eyepiece lens) Diopter adjustment: -4~+2m-1

Magnification: 0.66× with 50mm lens (35mm equivalent) at infinity and diopter set to -1m-1

Diagonal angle of view: approx. 32° (Horizontal angle of view: approx. 27°) Built-in eye sensor"

LCD monitor   3.0 inch, aspect ratio 3:2, approx. 180 degree tilting 1.62 millions dots touch screen color LCD monitor(approx. 100% coverage)

Sub monitor   1.28 inch, aspect ration 1:1, Color Memory LCD

Movie recording   File format   Format: MOV, Compression: MPEG-4 AVC/H.264 Audio: Linear PCM / Stereo sound 2ch / 24bit / 48KHz sampling)

         File size   ［DCI 4K（4096×2160）］ 29.97p/25p/24p/23.98p 200Mbps/100Mbps up to approx. 15min

         Frame rate   ［4K（3840×2160）］ 29.97p/25p/24p/23.98p 200Mbps/100Mbps up to approx. 15min

         Recording time   ［Full HD（2048 ×1080）］ 59.94p/50p/29.97p/25p/24p/23.98p 200Mbps/100Mbps/50Mbps up to approx. 59min.

             ［Full HD（1920×1080）］   59.94p/50p/29.97p/25p/24p/23.98p 200Mbps/100Mbps/50Mbps up to approx. 59min.

             ［Full HD（1920×1080) High speed rec.] 120p／100p 200Mbps(recording) up to approx. 6min.

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

         *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.

Film simulation mode   "17 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)

Monochromatic Color"

Clarity setting	±5 steps
HDR mode	AUTO, 200%, 400%, 800%, PLUS
Grain effect	Roughness: STRONG, WEAK, OFF Size: LARGE, SMALL
Color chrome effect	STRONG, WEAK, OFF
Color 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)

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 (USB3.1 Gen1)
	HDMI output	HDMI micro connector (Type D)
	Other	Microphone / shutter release input: ø2.5mm, stereo mini connector, Hot shoe, Synchronized terminal *Mechanical release S1 button
Power supply		NP-W126S Li-ion battery (included)

Battery life for still images*4   Approx. 370 / 440 frames (EVF / OVF Normal Mode) When XF35mmF1.4 R is set.

"Actual battery life of

movie capture*4

*Face detection is set to OFF" "[4K] approx. 45min. (29.97p)

[Full HD] approx. 45min. (59.94p)"

"Continuance battery life of

movie capture*4

*Face detection is set to OFF" "[4K] approx. 60min. (29.97p)

[Full HD] approx. 75min. (59.94p)"

Dimensions   (W) 140.5mm × (H) 82.8mm × (D) 46.1mm / (W) 5.5in × (H) 3.3in × (D) 1.8in (minimum depth 34.8mm/1.4in)

Weight   "Approx. 497g / 17.5oz (including battery and SD memory card)

Approx. 447g / 15.8oz (excluding battery and SD memory card)"

"Operation

Environment"   Operating Temperature   -10°C~+40°C / 32°F~104°F

          Operating Humidity 10%~80% (no condensation)

Starting up period   Approx. 0.4sec.

Accessories included   "Li-ion battery NP-W126S, Shoulder strap, Body cap, Strap clip, Protective cover, Clip attaching tool, Hot shoe cover,

Wiping cloth"

*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.