Fujifilm X100VI Fixed Lens Camera Specification

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Image Sensor:

	23.5mm x 15.7mm (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 *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	2160 x 9600
	Horizontal	9600 x 1440
[M]	Vertical	2160 x 6400
	Horizontal	6400 x 1440

Lens:

Type	FUJINON single focal length lens
Focal length	f=23mm (35mm format equivalent : 35mm)
Max. aperture	F2.0
Lens configuration	8 elements in 6 groups (includes 2 aspherical elements)
ND filter	Yes (4 stops)

Aperture:

F2 - F16 1/3EV step (controlled with 9-blade aperture diaphragm)

Focus range:

Approx. 10cm to infinity / 3.9in. to infinity

Conversion lens:

WIDE / TELE / OFF

Digital Tele-Converter:

	70mm*
	50mm*
	35mm*(Nomal)*35mm fomat equivalent

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	6.0 stops *based on CIPA standard *Pitch/yaw shake only *When shooting with EVF/LCD
Digital Image Stabilization	Yes (movie mode only)
IS MODE BOOST	Yes (movie mode only)

Shutter type:

	Lens Shutter

Shutter Speed:

Mechanical shutter	P mode	30sec. to 1/4000sec.
	A mode	30sec. to 1/4000sec.
	S/M mode	15min. to 1/4000sec.
	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	
	A mode	
	S/M mode	
	Bulb	
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 1/4000sec.

Movie	8K/DCI8K	
	6.2K	1/4000sec. to 1/24 sec.
	5.8K	
	5.4K	
	4.8K	
	4.6K(ANAMOR)	
	4K/DCI4K	1/4000sec. to 1/24 sec.
	FHD	1/4000sec. to 1/24 sec.
		*Cannot choose slower shutter speed than framerate for some settings.

Continuous shooting:

CH	Electronic shutter	Approx. 20fps (1.29x Crop)
No. of recordable frames	JPEG	117 frames
	Compressed RAW	52 frames
	Lossless compressed RAW	35 frames
	Uncompressed RAW	17 frames
	Compressed RAW + JPEG	25 frames
	Lossless compressed RAW + JPEG	22 frames
	Uncompressed RAW + JPEG	17 frames

CH	Electronic shutter	Approx. 8.9fps
No. of recordable frames	JPEG	84 frames
	Compressed RAW	38 frames
	Lossless compressed RAW	24 frames
	Uncompressed RAW	17 frames
	Compressed RAW+JPEG	29 frames
	Lossless compressed RAW+JPEG	25 frames
	Uncompressed RAW+JPEG	17 frames

CH	Mechanical shutter	Approx. 11fps
No. of recordable frames	JPEG	38 frames
	Compressed RAW	33 frames
	Lossless compressed RAW	21 frames
	Uncompressed RAW	17 frames
	Compressed RAW+JPEG	28 frames
	Lossless compressed RAW+JPEG	23 frames
	Uncompressed RAW+JPEG	17 frames

CH	Mechanical shutter	Approx. 8.0fps
No. of recordable frames	JPEG	76 frames
	Compressed RAW	35 frames
	Lossless compressed RAW	21 frames
	Uncompressed RAW	17 frames
	Compressed RAW+JPEG	28 frames
	Lossless compressed RAW+JPEG	23 frames
	Uncompressed RAW+JPEG	17 frames

CL	Mechanical shutter	Approx. 6.0fps
No. of recordable frames	JPEG	97 frames
	Compressed RAW	36 frames
	Lossless compressed RAW	23 frames
	Uncompressed RAW	18 frames
	Compressed RAW+JPEG	29 frames
	Lossless compressed RAW+JPEG	22 frames
	Uncompressed RAW+JPEG	18 frames

CL		Approx. 5.0fps
No. of recordable frames	JPEG	110 frames
	Compressed RAW	42 frames
	Lossless compressed RAW	25 frames
	Uncompressed RAW	18 frames

CL		Approx. 4.0fps
No. of recordable frames	JPEG	184 frames
	Compressed RAW	48 frames
	Lossless compressed RAW	26 frames
	Uncompressed RAW	19 frames

CL		Approx. 3.0fps
No. of recordable frames	JPEG	504 frames
	Compressed RAW	57 frames
	Lossless compressed RAW	29 frames
	Uncompressed RAW	20 frames

Pre-shot	Electronic shutter	Approx. 20fps (1.29x Crop)
No. of recordable frames	While half press	20 frames
	After full press	135 frames
	Total	155 frames
Pre-shot	Electronic shutter	Approx. 13fps (1.29x Crop)
No. of recordable frames	While half press	13 frames
	After full press	177 frames
	Total	190 frames
Pre-shot	Electronic shutter	Approx. 10fps (1.29x Crop)
No. of recordable frames	While half press	10 frames
	After full press	240 frames
	Total	250 frames
Pre-shot	Electronic shutter	Approx. 11fps
No. of recordable frames	While half press	11 frames
	After full press	79 frames
	Total	90 frames
Pre-shot	Electronic shutter	Approx. 8fps
No. of recordable frames	While half press	8 frames
	After full press	102 frames
	Total	110 frames

*Recordable frames depend on recording media

*Speed of continuous shooting depends on the 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	HIGH RESOLUTION + ACCURATE COLOR
	ACCURATE COLOR

Focus:

Mode		Single AF
		Continuous AF
		MF
Type		Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)
Low-light Performance	Contrast	-2.0EV
	Phase Detection	-5.0EV
AF frame selection	Single point AF	13x9 / 25x17 (Changeable size of AF frame)
	Zone AF	3x3 / 5x5 / 7x7 / Custom1-3 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:

Built-in flash		Auto flash [Super Intelligent Flash]
	Guide Number	approx. 4.4 (ISO100·m)
	Effective range(ISO1600)	approx. 30cm - 7.4m/1.0ft. - 24.3ft.
	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
	Flash Mode	TTL (TTL AUTO / STANDARD / SLOW SYNC.)
		MANUAL
		MULTI *When EF-X500 is set
		OFF

Hot shoe:

	Yes (Dedicated TTL Flash compatible)

Viewfinder (Hybrid viewfinder):

OVF		Reverse Galilean viewfinder with electronic bright frame display
	Coverage of Frame Area v.s. Capturing A	approx. 95%
	Magnification	approx x0.52

Viewfinder:

EVF		0.5 inch OLED Color Viewfinder Approx. 3.69 million dots
	Coverage of Viewing Area vs. Capturing	Approx. 100%
	Eyepoint	Approx. 16.8mm (from the Rear End of the Camera's Eyepiece)
	Diopter Adjustment	-4〜+2m-1
	Magnification	0.66x with 50mm Lens (35mm Equivalent) at infinity and Diopter set to -1.0m-1
	Diagonal Angle of View	approx. 32° (Horizontal angle of view: approx. 27°)
		Built-In Eye Sensor

LCD monitor:

	3.0 inch tilting 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

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		Long GOP
6.2K(16:9)	File size	6240 x 3150
	Frame rate	29.97p 25p 24p 23.98p
	Bitrate	200Mbps 100Mbps 50Mbps

DCI4K HQ(17:9)	File size	4096 x 2160
	Frame rate	29.97p
		25p
		24p
		23.98p
	Bitrate	
		200Mbps
		100Mbps
		50Mbps
4K HQ(16:9)	File size	3840 x 2160
	Frame rate	29.97p
		25p
		24p
		23.98p
	Bitrate	
		200Mbps
		100Mbps
		50Mbps
DCI4K(17:9)	File size	4096 x 2160
	Frame rate	59.94p
		50p
		29.97p
		25p
		24p
		23.98p
	Bitrate	
		200Mbps
		100Mbps
		50Mbps
4K(16:9)	File size	3840 x 2160
	Frame rate	59.94p
		50p
		29.97p
		25p
		24p
		23.98p
	Bitrate	
		200Mbps
		100Mbps
		50Mbps
Full HD(17:9)	File size	2048 x 1080
	Frame rate	59.94p
		50p
		29.97p
		25p
		24p
		23.98p
	Bitrate	
		200Mbps
		100Mbps
		50Mbps
Full HD(16:9)	File size	1920 x 1080
	Frame rate	59.94p
		50p
		29.97p
		25p
		24p
		23.98p
	Bitrate	
		200Mbps
		100Mbps
		50Mbps

Full HD(17:9) High speed rec.	File size	2048 x 1080
	Frame rate	240p 200p 120p 100p
	Bitrate	200Mbps (recording)

Full HD(16:9) High speed rec.	File size	1920 x 1080
	Frame rate	240p 200p 120p 100p
	Bitrate	200Mbps (recording)

Film Simulation mode:

	20 modes PROVIA/Standard Velvia/Vivid ASTIA/Soft Classic Chrome REALA ACE 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 colour:

	Yes

Grain Effect:

Roughness	STRONG, WEAK, OFF
Size	LARGE, SMALL

Colour Chrome Effect:

	STRONG, WEAK, OFF

Colour 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 USB 10Gbps
HDMI output	HDMI Micro connector (Type D)

Others		
		Microphone / shutter release input: ø2.5mm
		Hot shoe

Power Supply:

Battery life for still images	Economy Mode	Approx. 360 / 450 frames (EVF / OVF)
	Normal Mode	Approx. 310 / 450 frames (EVF / OVF)
Actual battery life of movie captu	8K	
	6.2K	Approx. 45min. (29.97p)
	4K	Approx. 45min. (59.94p)
	Full HD	Approx. 50min. (59.94p)、Approx. 55min. (120P)
		*Face detection is set to OFF
Continuance battery life of movie	8K	
	6.2K	Approx. 70min. (29.97p)
	4K	Approx. 70min. (59.94p)
	Full HD	Approx. 85min. (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	128.0mm
	Height	74.8mm
	Depth	55.3mm
	(Minimum Depth)	(33.2mm)
Excluding EVF	Width	
	Height	
	Depth	
	(Minimum Depth)	

Weight:

including battery and memory card	Approx. 521g
excluding battery and memory card	Approx. 471g

Operation Environment:

Operating Temperature	0℃～+40℃
Operating Humidity	10% - 80% (no condensation)

Accessories Included:

	Li-ion battery NP-W126S
	USB cable
	Shoulder strap
	Metal strap clip
	Clip attaching tool
	Protective cover
	Lens cap
	Hot shoe cover
	Owner's manual