Fujifilm X100V

Number Of Effective Pixels
   26.1 millions pixels
Image Sensor
   23.5mm x 15.6mm (APS-C) X-Trans CMOS 4 with primary color filter.
Storage Media
   SD memory card (-2GB) / SDHC memory card (-32GB) / SDXC memory card (-512GB)
   UHS-I*1
File Format Of Still Image
   Compliant with Design rule for Camera File system (DCF2.0)
   JPEG: Exif Ver 2.3
   RAW: 14bit RAW (RAF original format) / RAW+JPEG
Number Of Recorded Pixels
   L: <3:2> 6240 x4160 / <16:9> 6240 x3512 / <1:1> 4160 x4160
   M: <3:2> 4416 x2944 / <16:9> 4416 x2488 / <1:1> 2944 x2944
   S: <3:2> 3120 x2080 / <16:9> 3120 x1760 / <1:1> 2080 x2080
   Panorama:
   L: 2160 x 9600 [Horizontal : 9600 x 1440]
   M: 2160 x 6400 [Horizontal : 6400 x 1440]
Lens Type
   FUJINON single focal length lens
Lens Focal Length
   f=23mm (35mm format equivalent : 35mm)
Lens Max. Aperture
   F2.0
Lens Configuration
   8 elements in 6 groups (includes 2 aspherical elements)
Lens 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
   35mm (Nomal), 50mm, 70mm, 35mm fomat equivalent
Sensitivity Standard Output
   AUTO1 / AUTO2 / AUTO3 / ISO160-12800 (1/3EV 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)
Shutter Type
   Lens 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 mode: 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 mode: 1sec. Fixed

    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.
Continuous Shooting
    Approx. 11fps (JPEG: 38 frames, Lossless compression RAW: 17 frames, Uncompressed RAW: 17 frames)
    Approx. 8.0fps (JPEG: 76 frames, Lossless compression RAW: 18 frames, Uncompressed RAW: 18 frames)
    Approx. 6.0fps (JPEG: 220 frames, Lossless compression RAW: 21 frames, Uncompressed RAW: 18 frames)
    Approx. 5.0fps (JPEG: 458 frames, Lossless compression RAW: 24 frames, Uncompressed RAW: 19 frames)
    Approx. 4.0fps (JPEG: endless, Lossless compression RAW: 28 frames, Uncompressed RAW: 20 frames)
    Approx. 3.0fps (JPEG: endless, Lossless compression RAW: 34 frames, Uncompressed RAW: 21 frames)
    Approx. 30fps [Only electronic shutter, 1.25 x Crop] (JPEG: 29 frames, Lossless compression RAW: 17 frames, Uncompressed RAW: 17 frames)
    Approx. 20fps [Only electronic shutter, 1.25 x Crop] (JPEG: 79 frames, Lossless compression RAW: 17 frames, Uncompressed RAW: 17 frames)
    Approx. 20fps [Only electronic shutter] (JPEG: 32 frames, Lossless compression RAW: 17 frames, Uncompressed RAW: 17 frames)
    Approx. 10fps [Only electronic shutter, 1.25 x Crop] (JPEG: 153 frames, Lossless compression RAW: 18 frames, Uncompressed RAW: 18 frames)
    Approx. 10fps [Only electronic shutter] (JPEG: 81 frames, Lossless compression RAW: 18 frames, Uncompressed RAW: 18 frames)
    Approx. 8.0fps [Only electronic shutter, 1.25 x Crop] (JPEG: 90 frames, Lossless compression RAW: 18 frames, Uncompressed RAW: 18 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)
Af Mode
    Single AF / Continuous AF / MF
Af Type

Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)

Af Low-Light Performance

Contrast: -2.0EV

Phase Detection: -5.0EV

Af Frame Selection

Single point AF: EVF / LCD: 13 x9 / 25 x17 (Changeable size of AF frame)

Zone AF: 3 x3 / 5 x5 / 7 x7 from 117 areas on 13 x9 grid

Wide/Tracking AF: (up to 18 area)

White Balance

Automatic Scene recognition / Custom1-3 / Color temperature selection (2500K-10000K) /

Preset: Daylight, Shade,

Self-Timer

10sec. / 2sec.

Interval Timer Shooting

Yes (Setting: Interval, Number of shots, Starting time)

Flash

Auto flash [Super Intelligent Flash]

Effective range: (ISO 1600) approx. 1.0 - 24.3' (30cm - 7.4m)

Guide Number: approx. 4.4 (ISO100 m)

Flash Mode

TTL MODE (Flash Auto, Standard, Slow Sync.), Manual, Commander, OFF

Flash Sync. Mode

1st Curtain, 2nd Curtain

Flash Red Eye Removal

Flash + Removal, Flash, Removal, Off

Hot Shoe

Yes (Dedicated TTL Flash compatible)

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 x with 50mm lens (35mm equivalent) at infinity and diopter set to

-1m-1

Diagonal angle of view: approx. 32 Degree (Horizontal angle of view: approx. 27 Degree)

Built-in eye sensor

Lcd Monitor

3.0 inch, aspect ratio 3:2

approx.1.62 millions dots tilting touch screen color LCD monitor(approx. 100% coverage)

File Format

Format: MOV, Compression: MPEG-4 AVC/H.264

Audio: Linear PCM / Stereo sound 2ch / 24bit / 48KHz sampling

Movie File Size/Frame Rate/Rec. Time

[DCI 4K (4096 x2160)] 29.97p/25p/24p/23.98p, 200Mbps/100Mbps, up to approx. 10min

[4K (3840 x2160)] 29.97p/25p/24p/23.98p, 200Mbps/100Mbps, up to approx. 10min

[Full HD (2048 x1080)] 59.94p/50p/29.97p/25p/24p/23.98p, 200Mbps/100Mbps/50Mbps,

up to approx. 15min.

[Full HD (1920 x1080)] 59.94p/50p/29.97p/25p/24p/23.98p, 200Mbps/100Mbps/50Mbps,

up to approx. 15min.

[Full HD (1920 x1080) 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

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 Access Mode: Infrastructure

Wireless Transmitter Standard
IEEE802.11b/g/n (standard wireless protocol)

Wireless Transmitter Standard Encryption
WEP / WPA / WPA2 mixed mode

Bluetooth Standard
Bluetooth Ver 4.2 (Bluetooth low energy)

Bluetooth Operating Frequency
2402 - 2480MHz (Center Frequency)

Terminal Digital Interface
USB Type-C (USB3.1 Gen1)

Terminal Hdmi Output
HDMI Micro connector (Type D)

Terminal Other
Microphone / shutter release input: 2.5mm
NP-W126S Li-ion battery (included)

Battery Life
For Still Images: Approx. 350 / 420 frames (EVF / OVF Normal Mode)

Actual Battery Life Of Movie Capture
[4K] approx. 45min. (29.97p)
[Full HD] approx. 50min. (59.94p)

Continuance Battery Life

Movie Capture: [4K] approx. 50min. (29.97p)
[Full HD] approx. 75min. (59.94p)
Operating Temperature
0 Degree C-+40 Degree C
Operating Humidity
10%-80% (no condensation)
Starting Up Period
Approx. 0.5sec.
Dimensions (H x W x D)
74.8 x 128.0 x 53.3mm(Minimum depth 32.7mm)
Weight
Approx. 478g (including battery and SD memory card)
Approx. 428g (excluding battery and SD memory card)