

Fujifilm X-Half Product Specification

FUJIFILM X half (FUJIFILM X-HF1)

Specifications

Image sensor:	13.3mm x 8.8mm (1 inch) with primary color filter
Number of effective pixels:	17.74 million pixels
Sensor Cleaning System	-
Image Processing Engine	-
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.2.31
HEIF:	-
RAW:	-
TIFF:	-

Number of recorded pixels:

[L]:	3:2	:	7296 x 4864 2in1
	3:4	:	3648 x 4864
[M]:	3:2	:	4320 x 2880 2in1
	3:4	:	2160 x 2880
[S]:	3:2	:	2160 x 1440 2in1
	3:4	:	1080 x 1440

1:1 FRAME COMBINED:

[L]:	Single	:	4864 x 4864
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	2in1	:	7296 x 7296
[M]:	Single	:	2880 x 2880
	2in1	:	4320 x 4320
[S]:	Single	:	1440 x 1440
	2in1	:	2160 x 2160

Lens:

Type:	FUJINON single focal length lens
Focal length:	f=10.8mm (35mm format equivalent : 32mm)
Max. aperture:	F2.8
Lens configuration:	6 elements in 5 groups (includes 3 aspherical elements)
ND filter:	-
Aperture:	F2 .8- F11 1/3EV step (controlled with 3-blade aperture diaphragm)
Minimum focus distance:	Approx. 0.1m (measured from the front of the lens)
Focus range:	-
Conversion lens	-
Digital Tele-Converter	-
Sensitivity:	
Still Image:	Standard Output AUTO1 AUTO2 AUTO3 ISO200~12800 (1/3 step)
Extended Output:	-
Movie:	
Standard Output:	AUTO ISO200~12800 (1/3 step)
Extended Output:	-
Exposure control:	TTL 256-zone metering Multi
Exposure mode:	P (Program AE)



A (Aperture Priority AE)

S (Shutter Speed Priority AE)

M (Manual Exposure)

Exposure compensation:

Still: -3.0EV~+3.0EV 1/3EV step

Movie: -2.0EV~+2.0EV 1/3EV step

Shutter type: Lens Shutter

Shutter speed:

Mechanical shutter: P mode: 30sec. to 1/2000sec.

A mode: 30sec. to 1/2000sec.

S/M mode: 15min. to 1/2000sec.

Movie: FHD: 1/2000sec. to 1/24 sec.

*Cannot choose slower shutter speed than framerate for some settings.

Drive Mode:

Advanced filter: Toy camera

Miniature

Pop color

High-key

Low-key

Dynamic tone

Soft focus

Partial color (Red / Orange / Yellow / Green / Blue / Purple)

LIGHT LEAK

HALATION

EXPIRED FILM (Green / Red/ Neutral)

Canvas

Retro

Vignette

Blur



	Fisheye
	ColorShift
	Mirror
	Double Ex.
Focus:	
Mode:	Single AF
	Continuous AF
	MF
Type:	TTL contrast AF
AF frame selection:	Single point AF: 3x3
Face/eye detection:	Yes
Flash:	
Built-in flash:	LED
Hot shoe:	Yes (Cold shoe)
Viewfinder (Hybrid viewfinder):	
OVF:	Reverse Galilean viewfinder
	Coverage of Frame Area v.s. Capturing Area: approx. 90%
	Magnification: approx x0.38
LCD monitor:	2.4 inch Touch Screen Color LCD Monitor
	Aspect Ratio: 4:3
	Dots: Approx. 0.92 million dots
Touch Screen Mode	
Shooting Mode:	Focus Area
	Double Tap Setting (ON/OFF)
Playback Mode:	Swipe
	Pinch-in / Pinch-out
	Double-tap
	Drag
Movie recording:	



File format: MOV: MPEG-4 AVC/H.264, Linear PCM (Stereo sound 16bit / 48KHz sampling)

MP4: MPEG-4 AVC/H.264, AAC

Movie compression: Long GOP

Full HD(3:2): File size: 2160 x 1440 2in1

Frame rate: 24p

Bitrate: 50Mbps

20Mbps

10Mbps

Bit depth: 8bit

Full HD(3:4): File size: 1080 x 1440

Frame rate: 24p

Bitrate: 50Mbps

20Mbps

10Mbps

Bit depth: 8bit

Full HD(1:1): File size: "1440 x 1440

2160 x 2160 2in1

*1 : 1 FRAME COMBINED"

Frame rate: 24p

Bitrate: 50Mbps

20Mbps

10Mbps

Bit depth: 8bit

Full HD(3:2)High speed rec.: File size: 2160 x 1440 2in1

Frame rate: 48p

36p

28p

Bitrate: 50Mbps

20Mbps



10Mbps

Bit depth: 8bit

Full HD(3:4)High speed rec.: File size: 1080 x 1440

Frame rate: 48p

36p

28p

Bitrate: 50Mbps

20Mbps

10Mbps

Bit depth: 8bit

Full HD(1:1)High speed rec.: File size: "1440 x 1440

2160 x 2160 2in1

"*1 : 1 FRAME COMBINED"

Frame rate: 48p

36p

28p

Bitrate: 50Mbps

20Mbps

10Mbps

Bit depth: 8bit

*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: 13 modes: PROVIA/Standard
Velvia/Vivid
ASTIA/Soft
Classic Chrome
REALA ACE
Classic Neg.
Nostalgic Neg.



	ETERNA/Cinema
	ACROS
	ACROS + Ye Filter
	ACROS + R Filter
	ACROS + G Filter
	Sepia
Grain Effect:	Roughness: STRONG, WEAK, OFF
	Size: LARGE, SMALL
Portrait Enhancer Lv:	STRONG, MEDIUM, WEAK, OFF
White balance:	Auto
	Color temperature selection: 2500K~10000K
	Preset: Daylight
	Shade
	Fluorescent Light-1
	Fluorescent Light-2
	Fluorescent Light-3
	Incandescent Light
	Underwater
Self-timer:	Still: 10sec.
	2sec.
	Movie: 10sec.
	5sec.
	3sec.
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. 5.2 (Bluetooth low energy)
	Operating frequency (Center frequency): 2402~2480MHz
Terminal:	Digital interface: USB Type-C USB2.0



Others Cold shoe

Power supply NP-W126S Li-ion battery (included)

Battery life for still images:

Normal Mode: Approx. 880 frames

Actual battery life of movie capture:

Full HD: Approx. 95min. (24p)、Approx. 85min. (48p)

*Face detection is set to OFF

Continuance battery life of movie capture:

Full HD: Approx. 165min. (24p)

*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: 105.8mm

Height: 64.3mm

Depth: 45.8mm

(Minimum Depth): (30.0mm)

Weight: including battery and memory card: Approx. 240g

excluding battery and memory card: Approx. 191g

Operation Environment:

Operating Temperature: 0°C~+40°C

Operating Humidity: 10%~80% (no condensation)

Starting up period: Approx. 1.7sec.

Accessories included: Li-ion battery NP-W126S

Headphone adapter

Hand Strap

Metal strap clip

Protective cover

Lens cap

Cold shoe cover