

FUJIFILM X70 Spec Sheet

Model name	FUJIFILM X70
Number of effective pixels	16.3 million pixels
Image sensor	23.6mm x 15.6mm (APS-C) X-Trans CMOS II with primary color filter Total number of pixels: 16.7 million pixels
Storage media	SD memory card / SDHC memory card / SDXC (UHS-I) memory card ^{*1}
File format	
Still image	JPEG (Exif Ver 2.3) ^{*2} , RAW (RAF format), RAW+JPEG (Design rule for Camera File system compliant / DPOF-compatible)
Movie	MOV (H.264, Audio : Linear PCM / stereo sound)
Number of recorded pixels	L : (3:2) 4896 x 3264 / (16:9) 4896 x 2760 / (1:1) 3264 x 3264 M : (3:2) 3456 x 2304 / (16:9) 3456 x 1944 / (1:1) 2304 x 2304 S : (3:2) 2496 x 1664 / (16:9) 2496 x 1408 / (1:1) 1664 x 1664 <Motion Panorama> 180° Vertical : 2160 x 9600 Horizontal : 9600 x 1440 120° Vertical : 2160 x 6400 Horizontal : 6400 x 1440
Lens	FUJINON single focal length lens Focal length : f=18.5mm(35mm format equivalent : 28mm) Full-aperture: F2.8 Constitution : 5 groups 7 lenses (2 aspherical glass molded lens included)
Aperture	F2.8~F16 1/3EV step (controlled with 9-blade aperture diaphragm)
Focus distance	Approx. 10cm to infinity / 3.9in. to infinity
Sensitivity	
Standard Output Sensitivity	AUTO (Control available up to ISO 6400) Equivalent to ISO 200 - 6400
Extended Output sensitivity	Equivalent ISO 100, 12800, 25600 and 51200
Exposure control	TTL 256-zone metering, Multi / Spot / Average
Exposure mode	Programmed AE / Shutter Speed priority AE / Aperture priority AE / Manual exposure
Exposure compensation	-3.0EV - +3.0EV, 1/3EV step (movie recording : -2.0EV - +2.0EV)
Face detection	Yes

Shutter speed	(Electronic Shutter mode) 1sec. to 1/32000sec.*3, (P mode) 4sec. to 1/4000sec., (All other modes) 30sec. to 1/4000sec., Time 30sec. to 1/4000sec., Bulb (max.60min.)
Continuous shooting	Approx. 8.0 fps (JPEG : max. approx. 10 frames) Approx. 3.0 fps (JPEG : up to the capacity of the card) * Recordable frame number may vary depending on the type of memory card used. * The frame rate varies with shooting condition and the number of images recorded.
Auto bracketing	AE Bracketing ($\pm 1/3EV$, $\pm 2/3EV$, $\pm 1EV$) Film Simulation Bracketing (Any 3 types of film simulation selectable) Dynamic Range Bracketing (100%, 200%, 400%) ISO sensitivity Bracketing ($\pm 1/3EV$, $\pm 2/3EV$, $\pm 1EV$) White Balance Bracketing (± 1 , ± 2 , ± 3)
Focus	
Mode	Single AF / Continuous AF / MF
Type	Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF), AF assist illuminator available
AF frame selection	Single Point AF : 49 areas on a 7x7 grid (Changeable size of AF frame among 5 types), Zone AF : Selectable with 3x3 / 5x3 / 5x5 areas from 77 areas on an 11x7 grid, Wide/Tracking AF : Automatic selection from 77 areas on an 11x7 grid
White balance	Automatic scene recognition / Custom / Color temperature selection (K) / Preset : Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Underwater
Self-timer	10sec. / 2sec. delay
Interval timer Shooting	YES Setting : Interval, Number of shots, Starting time
Flash	Auto flash (Super Intelligent Flash) Effective range:(ISO 1600) approx. 30cm – 7.9m/1.0ft. – 25.9ft. Guide Number: approx. 5.5(ISO100•m)
Flash modes	
Red-eye Removal OFF	Auto / Forced Flash / Slow Synchro / Suppressed Flash /Commander
Red-eye Removal ON	Red-eye Reduction Auto / Red-eye Reduction & Forced Flash / Red-eye Reduction & Slow Synchro / Suppressed Flash / Commander *Red-eye removal is active when Face Detection is set to ON.
Hot shoe	Yes (Dedicated TTL Flash compatible)
LCD monitor	3.0-inch, aspect ratio 3:2, approx. 1,040K-dot Tilt-type TFT color LCD monitor (approx. 100% coverage)
Movie recording	Full HD 1920 x 1080 60p / 50p / 30p / 25p / 24p, Continuous recording : up to approx. 14 min. HD 1280 x 720 60p / 50p / 30p / 25p / 24p, Continuous recording : up to approx. 27 min. * Use a card with SD Speed Class with Class 10 or higher

Photography functions	Advanced SR AUTO, Eye detection AF, Face Detection, Interval timer shooting, Auto Red-eye Removal, Select custom setting, Motion panorama, Color space, Setting (Color, Sharpness, D-range, Gradation), Film Simulation, Advanced Filter, Framing guideline, Frame No. memory, Histogram display, Preview depth of focus, Lens Modulation Optimizer, Pre-AF, Control ring setting, Focus check, Focus Peak Highlight, Digital Split Image™ *4, Electronic level, Multiple exposure, Release priority / Focus priority selection, Fn button setting (RAW, Movie, etc.), ISO AUTO control, Instant AF setting (AF-S/AF-C), Interlock spot AE & Focus area, Focus area setting, AE-L/AF-L button setting, Edit/Save quick menu, Preview exp./WB in manual mode, Shutter Type, Touch screen setting
Touch screen mode	Shooting Mode: Touch shooting, Focus area, OFF Display Mode: Swipe, Zoom, Pinch-in / Pinch-Out, Double-tap, Drag
Digital Tele-Converter	28mm*-(Nomal), 35mm*- , 50mm*- *35mm format equivalent
Film Simulation mode	PROVIA/STANDARD, Velvia/VIVID, ASTIA/SOFT, CLASSIC CHROME, PRO Neg Hi, PRO Neg. Std, MONOCHROME, MONOCHROME+Ye FILTER, MONOCHROME+R FILTER, MONOCHROME+G FILTER, SEPIA
Dynamic range setting	AUTO, 100%, 200%, 400%
Advanced filter	Toy camera / Miniature / Pop color / High-key / Low-key / Dynamic tone / Soft focus / Partial color (Red / Orange / Yellow / Green / Blue / Purple)
Playback functions	RAW conversion, Image rotate, Auto image rotate, Face Detection, Red-eye reduction, Photobook assist, Erase selected frames, Image search, Multi-frame playback (with micro thumbnail), Slide show, Protect, Crop, Resize, Panorama, Favorites
Wireless transmitter	
Standard	IEEE 802.11b / g / n (standard wireless protocol)
Access mode	Infrastructure
Wireless function	Geotagging, Wireless communication (Image transfer), View & Obtain Images, Remote camera shooting, PC Autosave, instax printer print
Other functions	PictBridge, Exif Print, 35 Languages, Date/Time, Time difference, Sound & Flash OFF, High Performance, Preview exp. in Manual mode, LCD Brightness, LCD Color, Preview Pic. Effect, DISP. Custom Setting
Terminal	
Digital interface	USB2.0 (High-Speed) / micro USB terminal *connectable with Remote Release RR-90 (sold separately)
HDMI output	HDMI Micro connector (Type D)
Power supply	NP-95 Li-ion battery (included)
Dimensions	112.5mm (W) x 64.4mm (H) x 44.4mm (D) / 4.43in. (W) x 2.54in. (H) x 1.75in. (D) (Minimum Depth : 25.9mm / 1.02 in.)
Weight	Approx. 340g / 12.0 oz. (including battery and memory card) Approx. 302g / 10.6 oz. (excluding accessories, battery and memory card)

Operating Temperature	0°C – 40°C (+32° F – +104° F)
Operating Humidity	10% – 80% (no condensation)
Battery life for still images	Approx. 330 frames ^{*5}
Battery life for movies	Consecutive movie recording : approx. 86 min. (Face detection is set to OFF) * Individual movies cannot exceed approx. 14 min. on Full HD mode, and approx. 27 min. on HD mode in length.
Starting up period	Approx. 0.5 sec., when High Performance mode set to ON Approx. 1.0 sec., when High Performance mode set to OFF
Accessories included	Li-ion battery NP-95, AC power adapter AC-5VF, Plug Adapter, Shoulder strap, Lens cap, Metal strap clip, Protective cover, Clip attaching tool, USB cable, Owner's manual

*1 Please see the Fujifilm website to check 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 Digital Split Image is a trademark or a registered trademark of FUJIFILM Corporation.

*5 Approximate number of frames / period that can be taken with a fully-charged battery based on CIPA standard.