



Pro / Enthusiast

Fujifilm X10 New

Model	FinePix X10
Resolution	12.0 million pixels*1
Sensor type	2/3-inch EXR CMOS with primary color filter
Storage media	SD / SDHC / SDXC(UHS-I) memory card*2
File format	still image JPEG (Exif Ver 2.3)*3, RAW (RAF format), RAW + JPEG (Design rule for Camera File system compliant / DPOF-compatible) movie H.264 (MOV) with Stereo sound
Number of recorded pixels	L : (4:3) 4000 x 3000 / (3:2) 4000 x 2664 / (16:9) 4000 x 2248 / (1:1) 2992 x 2992 M : (4:3) 2816 x 2112 / (3:2) 2816 x 1864 / (16:9) 2816 x 1584 / (1:1) 2112 x 2112 S : (4:3) 2048 x 1536 / (3:2) 2048 x 1360 / (16:9) 1920 x 1080 / (1:1) 1536 x 1536 <Motion Panorama> 360° Vertical 11520 x 1624 Horizontal 11520 x 1080 300° Vertical 9600 x 1624 Horizontal 9600 x 1080 240° Vertical 7680 x 1624 Horizontal 7680 x 1080 180° Vertical 5760 x 1624 Horizontal 5760 x 1080 120° Vertical 3840 x 1624 Horizontal 3840 x 1080
Lens	name Fujinon 4 x optical zoom lens focal length f=7.1 - 28.4 mm, equivalent to 28 - 112 mm on a 35 mm camera full-aperture F2.0 (Wide) - F2.8 (Telephoto) constitution 9 groups 11 lenses (3 aspherical glass molded lenses included)
Aperture	F2.0-F11(Wide) F2.8-F11(Telephoto) 1/3EV step (controlled 7-blade aperture diaphragm)
Focus distance (from lens surface)	Normal Wide : Approx. 50 cm / 1.6 ft. to infinity Telephoto : Approx. 80 cm / 2.6 ft. to infinity Macro Wide : Approx. 10 cm - 3.0 m / 0.3 ft. - 9.8 ft. Telephoto : Approx. 50 cm - 3.0 m / 1.6 ft. - 9.8 ft. Super Macro Approx. 1.0 cm - 1.0 m / 0.4 in. - 3.3 ft
Sensitivity	Auto / Equivalent to ISO 100 / 200 / 250 / 320 / 400 / 500 / 640 / 800 / 1000 / 1250 / 1600 / 2000 / 2500 / 3200 / 4000* / 5000* / 6400* / 12800* (Standard Output Sensitivity) * ISO4000 / 5000 / 6400 : M mode or lower, ISO12800 : S mode
Exposure control	TTL 256-zones metering, Multi / Spot / Average
Exposure mode	Programmed AE, Aperture Priority AE, Shutter Priority AE, Manual
Shooting modes	SP Natural Light, Natural Light & Flash, Portrait, Portrait Enhancer, Landscape, Sport, Night, Night (Tripod), Fireworks, Sunset, Snow, Beach, Party, Flower, Text, Underwater MODE DIAL EXR, AUTO, P, S, A, M, C1, C2, Movie, SP, Adv.
Image stabilisation	Lens shift type
Face detection	Yes
Exposure compensation	-2.0EV - +2.0EV 1/3EV step
Focus	mode Single AF / Continuous AF/MF Distance Indicator type

TTL contrast AF, AF assist illuminator available

AF frame selection

Area / Multi

Shutter speed	(Auto mode) 1/4 sec. to 1/4000* sec., (All other modes) 30 sec. to 1/4000* sec. * 1/4000 sec. at small aperture, 1/1000 sec. at full aperture
Continuous shooting	TOP Super High : approx. 10 fps (Size M, S) High : approx. 7 fps (Size L, M, S) Middle : approx. 5 fps (Size L, M, S) Low : approx. 3 fps (Size L, M, S) *SD memory card with a class 4 write speed (4 MB/sec.) or better is recommended. *Maximum frame number for each continuous shooting mode is limited. others Best Frame capture : Super High : approx. 10 fps 8 / 16 frames (Size M, S) High : approx. 7 fps 8 frames (Size L, M, S) / 16 frames (Size M, S) Middle : approx. 5 fps 8 frames (Size L, M, S) / 16 frames (Size M, S) Low : approx. 3 fps 8 frames (Size L, M, S) / 16 frames (Size M, S)
Auto bracketing	AE Bracketing : $\pm 1/3EV$, $\pm 2/3EV$, $\pm 1EV$ Film Simulation Bracketing : PROVIA / STANDARD, Velvia / VIVID, ASTIA / SOFT Dynamic Range Bracketing : 100%, 200%, 400% ISO Sensitivity Bracketing : $\pm 1/3EV$, $\pm 2/3EV$, $\pm 1EV$
Focus	mode Single AF / Continuous AF (EXR AUTO, Movie), Manual AF (One-push AF mode included) type TTL contrast AF, AF assist illuminator available AF frame selection Multi, Area, Tracking
White balance	Automatic scene recognition Preset : Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Underwater, Custom, Color temperature selection
Self timer	10 sec. / 2 sec. delay
Flash	Auto flash (super intelligent flash) Effective range : (ISO AUTO (800)) Wide : Approx. 50 cm - 7.0 m / 1.6 ft. - 22.9 ft. Telephoto : Approx. 80 cm - 5.0 m / 2.6 ft. - 16.4 ft.
Flash modes	Red-eye removal OFF : Auto, Forced Flash, Suppressed Flash, Slow Synchro. Red-eye removal ON : Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro.
Hot shoe	Yes
Viewfinder	Optical zoom viewfinder Approx. 85% coverage Diopter adjustment : -3.5 - +1.5 m ⁻¹ (dpt)
LCD monitor	2.8-inch, approx. 460,000 dots, TFT color LCD monitor, approx. 100% coverage
Movie recording	1920 x 1080 pixels / 1280 x 720 pixels / 640 x 480 pixels (30 frames / sec.) with stereo sound Optical zoom (manual) can be used.
Photography functions	EXR mode (EXR Auto / Resolution priority / High ISO & Low noise priority / Dynamic range priority), Face recognition, Face Detection, Auto red-eye removal, Film simulation, Framing guideline, Frame No. memory, Histogram display, Best frame capture, Advanced mode (Motion panorama360, Pro focus, Pro low light), High Speed Movie (70 / 120 / 200 frames/sec.), Electronic level, One-touch RAW, Advanced Anti Blur
Playback functions	Face Detection, Auto red-eye removal, Multi-frame playback (with micro thumbnail), Protect, Crop, Resize, Slide show, Image rotate, Voice memo, Histogram display, Exposure warning, Photobook assist, Image search, Favorites, Mark for upload, Panorama, Erase selected frames, RAW conversing
Other functions	PictBridge, Exif Print, 35 Languages, Time difference, Silent mode
Terminal	Video output NTSC / PAL selectable with Monaural sound Digital interface USB 2.0 High-Speed HDMI output HDMI Mini connector

Power supply	NP-50 Li-ion battery (included) CP-50 with AC power adapter AC-5VX (sold separately)
Dimensions	117.0(W) x 69.6(H) x 56.8(D) mm / 4.6(W) x 2.7(H) x 2.2(D) in.
Weight	Approx. 350 g / 12.3 oz. (including battery and memory card) Approx. 330 g / 11.6 oz. (excluding battery and memory card)
Operating temperature	0°C - 40°C
Operating humidity	10% - 80% (no condensation)
Accessories included	Li-ion battery NP-50 Battery charger BC-45W Shoulder strap Lens cap USB cable CD-ROM Owner's manual
Digital zoom	Intelligent digital zoom (approx. 2X)

Memory Card Capacity and Image Quality / Size

		Number of images			
Modes		Still image (L)			
Number of recorded pixels		4288 x 2848 (3:2)		4288 x 2416 (16:9)	
Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
SDHC memory card	4 GB	820	1300	960	1530
	8 GB	1640	2620	1940	3070

		Number of images			
Modes		Still image (M)			
Number of recorded pixels		3072 x 2048 (3:2)		3072 x 1728 (16:9)	
Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
SDHC memory card	4 GB	1260	2470	1490	2950
	8 GB	2530	4970	2990	5920

		Number of images			
Modes		Still image (S)			
Number of recorded pixels		2176 x 1448 (3:2)		1920 x 1080 (16:9)	
Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
SDHC memory card	4 GB	2470	4760	3750	5630
	8 GB	4970	9570	7540	11310

		Recording time	
Modes		Still image (RAW)	Movie*6
Number of recorded pixels		-	Movie recording time
Quality		-	HD (1280 x 720)
SDHC memory card	4 GB	210	50min.
	8 GB	420	1hr. 40min.

*6 Use a class 4 card or better when shooting HD movie.
Individual movies can not exceed 10 minutes in length.