

Specifications for Fujifilm FinePix AX650 16MP Digital Camera

Model name	FinePix AX650
Number of effective pixels	16.0 million pixels
Image sensor	1/2.3-inch CCD with primary color filter
Storage media	• Internal memory (none) • SD / SDHC memory card
File format	still image JPEG (Exif Ver 2.3) (Design rule for Camera File system compliant / DPOF-compatible) movie AVI (Motion JPEG)
Number of recorded pixels	still image L : (4:3) 4608 x 3440 / (3:2) 4608 x 3072 / (16:9) 4608 x 2592 M : (4:3) 3264 x 2448 / (16:9) 3072 x 1728 S : (4:3) 2304 x 1728 / (16:9) 1920 x 1080
Lens	name Fujinon 5 x optical zoom lens focal length f=5.9- 29.5mm, equivalent to 33-165mm on a 35mm format full-aperture F3.3(Wide) - F5.9(Telephoto) constitution 8 groups 8 lenses
Digital zoom	approx. 7.2 × (up to approx. 36 ×, with 5x optical zoom)
Aperture	F3.3 / F8.0 (Wide) F5.9 / F14.4 (Telephoto) with ND filter
Focus distance (from lens surface)	Normal Wide : Approx. 45cm to infinity / 1.4ft. to infinity

	Telephoto : Approx. 80cm to infinity / 2.6ft. to infinity
	Macro
	Wide : Approx. 10cm - 80cm / 0.3ft. - 2.6ft.
	Telephoto : Approx. 60cm - 1.0m / 1.9ft. - 3.2ft.
Sensitivity	Auto, Equivalent to ISO 100 / 200 / 400 / 800 / 1600 / 3200* (Standard Output Sensitivity) * ISO 3200 is effective in S modes.
Exposure control	TTL 256-zone metering
Exposure mode	Programmed AE
Shooting modes	SR AUTO, AUTO, P, Movie, Natural Light & with Flash, Natural Light, Portrait, Baby, Smile & Shoot, Landscape, Motion Panorama, Sport, Night, Night (Tripod), Fireworks, Sunset, Snow, Beach, Party, Flower, Text
	MODE DIAL
	-
Anti-Blur	Yes
Face detection	Yes
Exposure compensation	-2.0EV - +2.0EV 1/3EV step
Shutter speed	(Auto mode) 1/4sec. to 1/1400sec., (All other modes) 8sec. to 1/1400sec. with mechanical shutter
Continuous shooting	TOP - LAST - Others -
Auto bracketing	-
Focus	mode Single AF / Continuous AF (SR AUTO)

	type TTL contrast AF
	AF frame selection Center / Tracking
White balance	Automatic scene recognition Preset Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light
Self-timer	Approx. 10 sec. / 2 sec. delay
Flash	Auto flash (i-flash) Effective range : (ISO AUTO) Normal • Wide : approx. 60cm - 4.2m / 1.9ft. - 13.7ft. • Telephoto : approx. 60cm - 2.8m / 1.9ft. - 9.1ft. Macro • Wide : approx. 30cm - 80cm / 0.9ft. - 2.6ft. • Telephoto : approx. 60cm - 1.0m / 1.9ft. - 3.2ft.
Flash modes	Face detection OFF Auto, Forced Flash, Suppressed Flash, Slow Synchro. Face detection ON Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro.
Hot shoe	-
Electronic Viewfinder	-
LCD monitor	2.7-inch, approx. 230,000 dots, TFT color LCD monitor, approx. 96% coverage
Movie recording	1280 x 720pixels / 640 x 480pixels / 320 x 240pixels (30 frames/sec.) with monaural sound. Zoom function can be used. Sounds will not be recorded during optical zoom operation.
Photography functions	SR AUTO, Face Detection, Blink detection, Framing guideline, Automatic LCD brightness adjustment, Frame No. memory

Playback functions	Face Detection, Photobook assist, Image search, Erase selected frames, Slide show, Crop, Resize, Image rotate, Mark for upload, Multi-frame playback (with Microthumbnail), Panorama, Favorite
Other functions	PictBridge, Exif Print, Print Image Matching II 35 languages selection, Time difference, Discharge option for rechargeable Ni-MH batteries, Silent mode
Terminal	Video output NTSC/PAL selectable with monaural sound Digital interface USB2.0(High-Speed) HDMI output -
Power supply	2xAA type alkaline batteries (included) / 2xAA type Ni-MH rechargeable batteries (sold separately)
Dimensions	93.0mm(W) × 60.2mm(H) × 27.8mm (D) /3.6in.(W) × 2.3in.(H) × 1.0in (D) (Minimum depth: 22.0mm / 0.8in)
Weight	Approx. 168g /5.9oz. (including accessories, battery and memory card) Approx. 119g /4.1oz. (excluding accessories, battery and memory card)
Operating Temperature	0°C - 40°C
Operating Humidity	10% - 80% (no condensation)
Guide to the number of available frames for battery operation	Approx.160frames (Auto mode), Alkaline Approx.420frames (Auto mode), NiMH
Accessories included	2xAA type alkaline batteries USB cable Hand strap CD-ROM Owner's manual
Optional accessories	AV cable AV-C1 HD Player HDP-L1