



ZEISS ZX1

Technical Specifications



Dimensions (W x H x D)	142 x 93 x 94 mm (5.59 x 3.66 x 3.70")
Weight	837 g (12.68 oz) (with battery)
Lens	ZEISS Distagon T* 35mm f/2
Sensor	CMOS sensor, 24 x 36 mm, 39.5 MP total / 37.4 MP effective
Aperture range	f/2 – f/22 in 1/3 EV increments, automatic
ISO range	ISO 80 – 51200 in 1/3 EV increments; automatic
Shutter speeds	1/2000 – 30s in 1/2EV increments, automatic, mechanical leaf shutter use limited to 1/1000 s or longer, flash synchronization up to 1/1000 s
Display	4.3 " TFT LCD, 1280 x 720 px, 338ppi, capacitive multi-touch enabled, scratch resistant cover glass with anti-fingerprint coating
Electronic viewfinder (EVF)	0.7 " OLED, 1920 x 1080 px, magnification 0.74x with diopter adjustment and proximity sensor
Diopter range	±3 dpt
Autofocus method	Contrast-detection AF, phase-detection AF
Focus modes	AF-S (MF override possible), AF-C, manual focus with magnification & peaking assist
Focus metering modes	Single point (touch-enabled), touch & release
Exposure modes	Automatic, aperture priority, shutter speed priority, manual exposure
Exposure compensation	±3 EV in 1/3 increments
Exposure metering modes	Multi, center, spot (fixed)
Exposure bracketing	3 or 5 photos, from 1/3 to 2 EV increments
White balance modes	Automatic, shade, cloudy, daylight, white- fluorescent, tungsten light, manual WB metering, color temperature



ZEISS ZX1

Drive modes	Single, continuous, self-timer (2, 10 or 20 s), interval, AE bracketing, panorama
Digital live view helpers	Level indicator, histogram, grid, depth of field
Image format/resolution	RAW (DNG) / JPEG: 7488 x 4992 px
Video format/quality	MP4 video, 4K (3840x2160 px) up to 30fps with H.265, FHD (1920x1080 px) up to 60 fps with H.264, AAC audio codec
Audio	Built-in microphone (stereo) and speaker (mono)
Flash	Sigma SA-TTL-compliant flash hotshoe
Memory storage	512 GB SSD (built-in), External storage via USB-C, NAS access using SMB protocol
Tripod thread	DIN 4503 1/4-20 UNC
Connectivity (wired)	USB 3.1 Gen 1, Type-C connector with USB-PD (Power Delivery), HDMI Alt Mode for USB Type-C supported
Connectivity (wireless)	Wi-Fi 802.11b/g/n/ac, 2.4/5.0 GHz Bluetooth 4.2
Editing software	Adobe Photoshop Lightroom preinstalled
Social media	Yes
Cloud storage	Yes
Firmware update	Yes, firmware over-the-air via Wi-Fi
Battery	3190 mAh 22.9 Wh Li-ion battery pack DD-PS1A/DD-PS1E, exchangeable
Power supply	AC adapter EA1045SJR, input 100-240 Vac 50-60Hz output 5V/3A, 9V/3A, 15V/3A, or 20V/2.25A
Sales package content	Camera, lens ring, lens shade, lens cap, hotshoe cover, battery, AC charger, USB-C cable with adapter, carrying strap & strap accessories



ZEISS ZX1

Lens Characteristics

Focal length	35 mm
Aperture range	f/2 – f/22
Focusing range	0.30 m (0.98 ft) – ∞
Free working distance	0.23 m (0.75 ft) – ∞
Filter thread	M52
Autofocus	Yes
Rotation angle of focus ring (inf – MOD)	Focusing not mechanically coupled. Rotation angle dependent on rotation speed.
Diameter max. (with lens shade)	75 mm (2.95")
Diameter of focus ring	66 mm (2.60")

* referring to 24 x 36 mm format