

Clifton Cameras Product Specification

Nikon Z 50 Mirrorless Camera Body Full Spec

Effective pixels	Approx. 20.88 effective megapixels
Image sensor	Nikon DX-format CMOS sensor, Optical low-pass filter
Lens mount	Z mount
Viewfinder	Electronic viewfinder, 0.99 cm/0.39 in. approx. 2360k dot (XGA) OLED, frame coverage: approx. 100%, magnification: Approx. 1.02 × ~ (50mm lens at infinity, -1.0m -1)
Live view	Photo live view/movie live view
Shutter	Electronically controlled vertical-travel focal-plane mechanical shutter; electronic front curtain shutter, electronic shutter.
Shutter speed	1/4000 to 30 s, bulb, time,
Continuous shooting speed	5.0 fps (with AF, live view between frames available), 11 fps (with AF/AE, JPEG or 12 bit RAW image quality, when using a mechanical shutter).
ISO sensitivity	Still images: ISO 100 to 51200, Hi 1, Hi 2 (ISO 204800 equivalent), Videos: ISO 100 to 25600
AF	Hybrid AF (focal-plane phase-detection AF/contrast-detect AF), frame coverage: approx. 90% horizontal and vertical, AF detection range: -4 EV (ISO 100, f/2.0 lens, 20°C/68°F, in still shooting AF-S, low-light AF), number of focus points in still shooting: 209 (single-point AF)/81 (auto-area AF), Eye-Detection AF (in still shooting, auto-area AF, AF-A), focus peaking display in manual focus.
Metering methods	Matrix metering, center weighted metering, spot metering, highlight weighted metering, flicker reduction in still shooting.
Vibration reduction	In-camera vibration reduction not employed
Flash	Built-in flash: manual pop-up, guide number: approx. 7/22 (m/ft)
Image processing	Image-processing engine: EXPEED 6, Creative Picture Control supported
Recording format	Storage media: SD memory card (UHS-I compatible), image quality: RAW 12 bit/14 bit (lossless compressed) and JPEG
Video	Video compressions format: H.264/MPEG-4 AVC, file format: MOV or MP4, electronic vibration reduction available, video log (N Log) output not supported.



Video recording pixels/frame rate	3840 x 2160 (4K UHD): 30p/25p/24p, 1920 x 1080: 120p/100p/60p/50p/30p/25p/24p, 1920 x 1080 slow-motion: 30p x 4, 25 x 4, 24p x 5
Audio	Built-in stereo microphone, built-in monaural speaker, recording format: Linear PCM (MOV) or AAC (MP4).
Monitor	3.2-in (3:2), approx. 1040k-dot, touch sensitive, tilting monitor (self-portrait supported).
Battery	EN-EL25 Rechargeable Li-ion Battery (new), EH-5d AC Adapter (requires power connector [new, will not be sold at stores]), USB charging available with charging AC adapter.
Interface	USB 2.0 (Hi-Speed USB), HDMI micro connector (Type D), external stereo microphone connector, accessory shoe.
Shutter durability	Tested for 100,000 cycles (equivalent to the D5000 series)
Optional remote controller	ML-L7 Wireless Remote Control (Bluetooth connection)
Communication functions	SnapBridge supported, built-in Wi-Fi/Bluetooth, WT-7/A/B/C Wireless Transmitter not supported
Dimensions (W x H x D)	Approx. 126.5 x 93.5 x 60 mm / 5.0 x 3.7 x 2.4 in.
Weight	Approx. 450g/15.9 oz (with battery and SD memory card but without a body cap), 395 g/14 oz (body only)