

Clifton Cameras Product Specification

Canon EOS 250D Digital Camera Technical Specification

Image Sensor Type	22.3mm
Effective Pixels	24.10 megapixels
Total Pixels	25.80 megapixels
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour
Image Processor Type	DIGIC 8
Lens Mount	EF Mount
Focal Length	Approx. 1.6x the focal length of the lens
Image Stabilisation	Optical image stabilization on compatible lenses
AF System/Points	Via optical viewfinder: 9-point Center AF point is AF cross-type supporting f/5.6. Center AF point is vertical line-sensitive supporting f/2.8. Other AF points are vertical line-sensitive or horizontal line-sensitive AF supporting f/5.6. Via LiveView on LCD screen: Maximum 143 AF points via camera automatic selection. Freely position 1 AF point/1 AF Zone max 3,975 points via manual selection
AF Modes	AI Focus, One Shot, AI Servo (AI Servo II algorithm)
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB)
ISO Sensitivity	Auto (100-25600), 100-25600 (in whole stop increments) ISO can be expanded to H: 51200 During Movie shooting: Auto (100-12800), 100-12800 (in 1/3-stop or whole stop increments) ISO can be expanded to H: 25600. 4K Movie Max. 6400
Shutter	Electronically-controlled focal-plane shutter
Shutter Speed	30-1/4000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)
White Balance Type	Automatic white balance with the imaging sensor
Viewfinder Type	Pentamirror
Viewfinder Coverage	Approx. 95%

Magnification	Approx. 0.87x
LCD Monitor	Vari-angle touchscreen 7.7cm (3.0") 3:2 Clear View II TFT, approx. 1040 K sRGB dots
LCD Coverage	Approx. 100%
Built-in Flash Range	9.8m
Built-in Flash Recycle Time	Approx. 3 seconds
Drive Modes	Single, Continuous L, Continuous H, Self timer (2s+remote, 10s +remote)
Continuous Shooting	Max. Approx. 5fps
Live View Mode Frame Rate	29.97 fps
Focusing	Manual, Autofocus: Dual Pixel CMOS AF (Face Detect + Tracking AF, Flexizone-Multi, FlexiZone-Single) One-shot AF and Servo AF selectable for Stills and Movie
Image Type	JPEG: Fine, Normal RAW: 14-bit Canon Original RAW 3 rd edition
Image Size	JPEG 3:2: (L) 6000 x 4000, (M) 3984 x 2656, (S1) 2976 x 1984, (S2) 2400x1600, JPEG 4:3: (L) 5328x4000, (M) 3552x2664, (S1) 2656x1992, (S2) 2112x1600, JPEG 16:9: (L) 6000x3368, (M) 3984x2240, (S1) 2976x1680, (S2) 2400x1344, JPEG 1:1: (L) 4000x4000, (M) 2656x2656, (S1) 1984x1984, (S2) 1600x1600, RAW: (RAW) 6000x4000
Movie Type	MP4 (Video: H.264 inter frame, Sound: Linear PCM / AAC, recording level can be manually adjusted by user) MOV (Video: H.264 All-I Full HD, no sound) - time-lapse movie only
Movie Size	3240 x 2160 (23.98, 25 fps) inter-frame 1920 x 1080 (59.94, 50 fps) inter-frame 1920 x 1080 (29.97, 25, 23.98 fps) inter-frame 1920 x 1080 (29.97, 25) lite inter-frame 1280 x 720 (59.94, 50 fps) inter-frame
Movie Length	Max duration 29m 59s
Connectivity	High-speed USB, Wi-Fi and Bluetooth
Output/Inputs	Video output (PAL/ NTSC) (integrated with USB terminal), HDMI mini output (HDMI-CEC compatible), External microphone (3.5 mm Stereo mini jack)
Storage	SD, SDHC, SDXC (UHS Speed Class 1 Compatible)
Battery	1 x Rechargeable Li-ion Battery LP-E17

