

# EOS M50 Mark II

---

## TECHNICAL SPECIFICATIONS



**Canon**

# EOS M50 Mark II

## A Modern Classic



### ENDLESS SHOOTING POSSIBILITIES

Small and amazingly light, weighing 388g, the EOS M50 Mark II packs the latest photo and video technology into a stylish design that easily fits in your hand.



### FIND NEW CREATIVE ANGLES

Equipped with a Vari-Angle touchscreen and a large, central electronic viewfinder, the EOS M50 Mark II allows you to shoot from different angles with intuitive touchscreen operation.



### CAPTURE EXCEPTIONAL PHOTOS AND VIDEO IN ANY LIGHT

With a DSLR-sized sensor and incredible processing power, you can shoot stunning photos and cinematic 4K videos straight out of the camera - even in the toughest lighting conditions. Produce incredible high-resolution video footage with a unique look and feel, and four times the image quality of Full HD.



### SMART SUBJECT TRACKING

The EOS M50 Mark II does the thinking for you when shooting stills or video - even when your subject is at a distance. Capturing and tracking subjects quickly is easier than ever with the camera's ability to lock onto a subject's eyes from further away.



### MIX UP YOUR SHOTS WITH VERTICAL SHOOTING

The Vertical Video feature allows you to change up your shot length and angles to make interesting and unique videos - which are perfect for playback on smartphones.



# EOS M50 Mark II | SPECIFICATIONS

APPEARANCE AND CAMERA CONTROLS		
Lens mount		EF-M mount
Mode Dial		Yes
Main Dial		Yes
Cross button		Yes
IMAGE SENSOR		
Screen size		APS-C
Effective pixels		Approx. 24.1 megapixels
Dust delete feature	Self-cleaning	Yes
	Dust Delete Data acquisition and appending	Yes
IMAGE PROCESSOR		
		DIGIC 8
STILL PHOTO SHOOTING		
Still photo recording	Image quality	L, M, S1, S2, RAW, C-RAW
	Recording format	DCF2.0, Exif2.31 Supports time difference information
	RAW extension	CR3
Still photo Dual Sensing IS		Yes
MOVIE RECORDING		
Movie recording size	4K (UHD)	Yes (crop)
	Full HD	Yes
	HD	Yes
Frame rate NTSC / PAL (fps)	4K (UHD)	23.98 / 25.00
	Full HD	59.94 / 50.00 / 29.97 / 25.00 / 23.98
	HD	59.94 / 50.00 (High Frame Rate movies: 119.88 / 100.00)
Recording format		MP4
Compression format	ALL-I	Yes (time-lapse movie only)
	IPB (Standard)	Yes
Time-lapse movies		Yes
Video snapshot		Yes
High Frame Rate movies		Yes
Miniature effect movies		Yes
Movie digital zoom		Yes
Add movie rotation information		Yes
Change movie rotation information		Yes
Movie auto slow shutter		Yes
Touch-screen recording operations		Yes
Movie self-timer function		Yes
Notification that movie recording has stopped		Yes
Movie digital IS		Yes
Movie auto level		Yes
Combination IS		Yes
Built-in microphone		Yes
MOVIE RECORDING MODE		
Movie auto exposure		Yes
Movie manual exposure		Yes

# EOS M50 Mark II | SPECIFICATIONS (CONTINUED)

IMAGE PROCESSING		
Picture Style		Yes
Auto Lighting Optimizer		Yes
Highlight tone priority		Yes
Noise reduction	Long exposure noise reduction	Yes
	High ISO speed noise reduction	Yes
Lens aberration correction for shooting	Peripheral illumination correction	Yes
	Distortion correction	Yes
	Digital Lens Optimizer	Yes
	Chromatic aberration correction	Yes
	Diffraction correction	Yes
VIEWFINDER		
Type		OLED colour electronic viewfinder
Dot count (approx.)		Approx. 2.36 megapixels
Refresh rate		59.94 fps
Video frame rate (still photo)		59.94 / 59.94 fps (Power saving / Smooth)
Viewfinder brightness		Yes
Viewfinder vertical display		Yes
SCREEN		
Type		TFT colour, liquid-crystal monitor
Screen size		3.0-inch (Aspect ratio of 3:2)
Dot count (approx.)		Approx. 1,040,000 dots
Touch-screen		Yes
Angle adjustment		Yes (Vari-angle)
Refresh rate		59.94 fps
Video frame rate (still photo)		29.97 / 59.94 fps (Power saving / Smooth)
Screen brightness		Yes
Touch-based menu magnified view		Yes
AUTOFOCUS		
Focusing method	Dual Pixel CMOS AF	Yes (contrast AF for 4k movies)
	Movie Servo AF	Yes
AF method	Face+Tracking	Yes
	Spot AF	Yes
	1-point AF	Yes (no AF frame size selection)
	Zone AF	Yes
AF mode	Eye detection (One-Shot AF)	Yes
	Eye detection (Servo AF)	Yes
	Eye detection (Movie Servo AF)	Yes
	Touch & drag AF	Yes
Manual focus assist function	Tap to select subject	Yes
	MF peaking settings	Yes

# EOS M50 Mark II | SPECIFICATIONS (CONTINUED)

AF point / AF area	Maximum focusing area (approx. for captured images)	Horizontal: approx. 88% x Vertical: approx. 100%
	Number of AF area available for automatic selection	Max. 143 zones
	Selectable positions for AF point	Max. 3975 positions
Focusing brightness range (in still photo shooting)		EV -4 to 18 (f/1.4 lens, centre AF point, One-Shot AF, at room temperature, ISO 100)
<b>EXPOSURE CONTROL</b>		
Number of metering zones		384-zone metering using the image sensor
Metering mode	Evaluative metering	Yes
	Partial metering	Yes
	Spot metering	Yes
	Centre-weighted average metering	Yes
Metering brightness range (Still photo)		EV -2 to 20 (at room temperature, ISO100)
ISO speed (expanded speeds are "equivalent")	Still photo shooting	ISO 100-25600 H(51200 equivalent)
	Movie recording (Full HD/HD movies)	ISO 100-12800 H(25600 equivalent)
	Movie recording (4K movies)	ISO 100-6400
<b>BUILT-IN FLASH</b>		
Guide number (ISO 100, m) (approx.)		GNo. approx. 5
Flash coverage		Focal length: approx. 15 mm (35 mm equivalent: approx. 24 mm)
Maximum flash sync speed		1/200
Raising the built-in flash		Manual
E-TTL II metering	Evaluative (Face Priority)	Yes
	Evaluative	Yes
	Average	Yes
<b>EXTERNAL FLASH</b>		
E-TTL II metering	Evaluative (Face Priority)	Yes
	Evaluative	Yes
	Average	Yes
Supports continuous shooting priority (CSP) mode		Yes
Manual flash output		1/8192 - 1/1 Depending on the specifications of the external flash used
<b>SHUTTER</b>		
Still photo shooting	Type	Electronically controlled focal-plane shutter (in Silent Mode: rolling shutter using the image sensor)
	Electronic 1st curtain	Yes
	Electronic shutter	Yes (Silent Mode only)
	Shutter speed	1/4000-30 sec., Bulb
Movie recording	Type	Rolling shutter, using the image sensor
	Shutter speed	1/4000-1/25 sec.
Release shutter without lens		Yes

# EOS M50 Mark II | SPECIFICATIONS (CONTINUED)

DRIVE		
Max. continuous shooting speed (max. approx. shots/sec.)	High-speed (One-Shot AF)	Max. approx. 10 shots/sec.
	High-speed (Servo AF)	Max. approx. 7.4 shots/sec.
	Low-speed (One-Shot AF)	Max. approx. 4.0 shots/sec.
	Low-speed (Servo AF)	Max. approx. 4.0 shots/sec.
Timer shooting	Self-timer	Yes
Maximum burst (approx. no. of shots)	RAW	Approx. 10 shots
	JPEG L_Fine	Approx. 36 shots
EXTERNAL INTERFACE		
Digital terminal	USB Micro-B	
HDMI output terminal	HDMI micro OUT terminal (Type D) CEC not supported	
External microphone input terminal	Compatible with the 3.5 mm diameter stereo mini plug	
Accessory shoe	Yes	
HDMI OUTPUT		
Still photo HDMI HDR output	Yes	
Switch HDMI information display	Yes	
POWER SOURCE		
Battery	LP-E12	
Number of still photos that can be taken (at room temperature)	Viewfinder shooting / Flash 50%	Approx. 250. shots Power saving
	On-screen shooting / Flash 50%	Approx. 305 shots Power saving
Possible movie recording time (continuous recording)	Full HD 29.97fps / On-screen shooting	Approx. 2 hr. 10 min.
COMMUNICATION FUNCTIONS		
Wi-Fi	Standards	IEEE802.11b/g/n
	Channels	1-11 ch
Bluetooth	Standards	Bluetooth Specification Version 4.2 compliant
Live streaming	Yes	
Supports Bluetooth remote control	Yes	
Transcoding while sending	Yes	
Appended GPS information from smartphone	Yes	
Airplane mode	Yes	
RECORDING MEDIA		
Recording media	SD, SDHC, SDXC memory card	
Supports UHS-I SD card	Yes	
Supports UHS speed class	Yes	
Supports SD card speed class	Yes	
DIMENSIONS & WEIGHT		
Dimensions (approx. width x height x depth in mm) *based on CIPA standards		Approx. 116.3 (W) x 88.1 (H) x 58.7 (D) mm
Weight (approx. g)	Body only	Approx. 350 g
	Including battery and SD memory card *CIPA compliant	Approx. 387 g

**Canon**

[www.canon.com.au](http://www.canon.com.au)