EOS M5

Specifications

Type	
Type	Digital single-lens non-reflex AF/AE camera
Recording Media	SD/SDHC/SDXC memory cards * UHS-I compatible
Image Format	Approx. 22.3 x 14.9mm (APS-C Size)
Compatible Lenses	EF-M lens (when using EF-M Mount Adapter: EF/EF-S lens group) Equivalent to approximately 1.6x the focal length indicated on a mounted lens

Image Sensor	
Type	CMOS sensor
Pixels	Effective pixels: Approx. 24.2 Megapixels Total pixels: Approx. 25.8 Megapixels * Pixels may decrease due to image processing.
Pixel Unit	Square pixel approx. 3.72 µm
Aspect Ratio	3:2
Dust Removal Feature	Auto/Manual

Recording System (Still)

Recording Format	Exif2.3 (DCF2.0)
Image	JPEG/RAW (CR2 a Canon 14-bit RAW format)

File Size		3:2	16:9	4:3	1:1
	Large	6000 x 4000	6000 x 3368	5328 x 4000	4000 x 4000
	Medium	3984 x 2656	3984 x 2240	3552 x 2664	2656 x 2656
	Small 1 (S1)	2976 x 1984	2976 x 1680	2656 x 1992	1984 x 1984
	Small 2 (S2)	2400 x 1600	2400 x 1344	2112 x 1600	1600 x 1600

File Numbering	Continuous, Auto Reset
RAW + JPEG Simultaneous Recording	Yes
Picture Style	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Def. 1–3

White Balance

Settings	(1) Auto (2) Day Light (3) Shade (4) Cloudy (5) Light bulb (6) White fluorescent light (7) Flash (8) Color temperature (9) Custom

White Balance Correction	Blue/Amber: ±9 levels Green/Magenta: ±9 levels

Viewfinder

Type	Built-in electronic color viewfinder with 0.39-type screen size and approx. 2.36 million dots
Grid Display	3 types
Depth of Field Preview	Provided

Autofocus

Type	Dual Pixel CMOS AF (Face+Tracking AF, 1-point AF)
AF Points	49 points (Maximum)
AF Working Range	EV -1–18 (at room temperature, ISO 100, when using EF-M 22mm f/2 STM)
Focusing Modes	(1) TTL Autofocus • One-Shot AF • Servo AF (2) Manual focus (3) AF+MF
Continuous AF	Provided
AF Assist Beam	Built-in LED lamp

Exposure Control

Metering Modes	Real-time metering using the image sensor (1) Evaluative (2) Partial metering (3) Center-weighted evaluative metering (4) Spot
Metering Range	EV 1–20 (at room temperature, ISO 100)
Exposure Control Systems	(1) Program AE (2) Shutter-priority AE (3) Aperture-priority AE (4) Manual exposure
ISO Speed (Recommended Exposure Index)	ISO Auto Range (AUTO mode): ISO 100–6400 Max. ISO Speed (P mode): ISO 25600 Max. Speed Limit Setting in ISO AUTO: ISO 25600
Exposure Compensation	(1) Manual: ±3 stops in 1/3-stop increments (2) AE Bracketing: ±2 stops in 1/3-stop increments AE Bracketing can be used together with manual compensation.
AE Lock	Manual/Auto

Shutter

Type	Electronic control only
Shutter Speeds	1/4000 sec. to 30 sec. in Auto mode Highest flash-sync shutter speed: 1/200 sec.
Self Timer	Off, 2 sec. delay, 10 sec. delay, Custom, Remote Control

Time Lag (LCD Monitor On)

Camera Start-up Time	Approx. 1.0 sec.

Built-in Flash

Type	Manual pop-up flash
Guide Number	Gno. approx. 5 (ISO 100/m)
Flash Coverage	Covers approx. 15mm focal length (35mm film size conversion: approx. 24mm)
Flash Exposure Compensation	±2 stops in 1/3-stop increments

External Speedlite

Flash Metering	E-TTL II autoflash
FE Lock	Provided
External Flash Settings	Flash functions settable with the camera

Drive System

Drive Mode	Single shooting, Continuous shooting (High-speed continuous shooting, low-speed continuous shooting)
Continuous Shooting Speed (Approx.)	*(see below)*

JPEG

AF Type	Continuous Shooting Speed (Approx. shots/sec.)	No. of Shots at Constant Continuous Shooting Speed (Approx. shots)	Lens Used for Measurement	Measurement Conditions: Default Settings/Tv Value
One-Shot AF	9.0	26	EF-M 15–45mm f/3.5–6.3 IS STM	1/1000 sec. (min) or above
Servo AF*	7.0	-	EF-M 15–45mm f/3.5–6.3 IS STM	1/1000 sec. (min) or above

* Under Servo AF, may further decrease depending on the subject conditions and lens used.

RAW

AF Type	Continuous Shooting Speed (Approx. shots/sec.)	No. of Shots at Constant Continuous Shooting Speed (Approx. shots)	Lens Used for Measurement	Measurement Conditions: Default Settings/Tv Value
One-Shot AF	9.0	–	EF-M 15–45mm f/3.5–6.3 IS STM	1/1000 sec. (min) or above

Continuous shooting speed may become slower due to the following factors: Tv value/Av value/Subject conditions/Lighting conditions/Lens type/Use of flash/Battery Level.

Video Shooting

File Format	MP4 Video: MPEG-4 AVC / H.264 Audio: MPEG-4 AAC-LC (stereo)
File Size	Recording Sizes: 1920 x 1080 (Full HD), 1280 x 720 (HD) and 640 x 480 (VGA)
Frame Rates	[1920 x 1080]: 59.94 fps / 29.97 fps / 23.976 fps [1280 x 720]: 59.94 fps [640 x 480]: 29.97 fps

Continuous Shooting Time Based on 16GB Memory Card	Movie Recording Size		Recording Bit Rate (Approx.)*	Recording File Size	Single Clip Recording Time	Recordable Time per a Memory Card
	1920 x 1080	59.94 fps	35 Mbps	4288 KB/sec.	29 min. 59 sec.	59 min. 30 sec.
		29.97 fps 23.98 fps	24 Mbps	2945 KB/sec.		1 hr. 26 min. 5 sec.
	1280 x 720	59.94 fps	16 Mbps	1969 KB/sec.		2 hr. 8 min. 27 sec.
	640 x 480	29.97 fps	3 Mbps	382 KB/sec.		10 hr. 22 min. 35 sec.

* Recording bit rate of movie images only, sound data not included.
* Limit on movie recording: continuous shooting is possible until the memory card becomes full or the recording length for one movie reaches approx. 29 minutes 59 seconds.

Exposure Compensation	±3 stops in 1/3-stop increments

LCD Monitor

Type	TFT color liquid crystal monitor
Monitor Size	3.2 type
Pixels	Approx. 1.62 million dots
Features	Tilt (upwards approx. 85° + downwards approx. 180°)
Touch-screen Panel	Electrostatic capacitance type
Brightness Control	Adjustable to one of five brightness levels
Interface Languages	25 (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukraine, Turkish, Arabic, Thai, Simplified/Traditional Chinese, Korean, Japanese)

Playback

Display Format	(1) Single-image display
	(2) 1 shot + information display
	  • Simple information
	  • Detailed information
	    ○ Histogram
	    ○ Lens information
	    ○ Picture Style
	    ○ Noise reduction
	    ○ Correction data
	(3) Index display
	(4) Image rotate

Highlight Alert	Provided
Quick Control Dial	Provided
Image Protection	Provided

Direct Printing

Compatible Printers	PictBridge-compatible printers
Printable Images	JPEG, RAW*, MP4 and MOV files are printable. * Prints JPEG images used for display, which are taken on the same model.

Digital Print Order Format

DPOF	DCF-compliant DPOF compatible (Version 1.1)

Customization

Custom Controls (Camera Controls/ Buttons Customization)	Functions can be assigned to the following controls (set in Custom Functions): • Shutter button • Main dial • Quick control dial • Cross button (up, down, left, right) • Control dial • M-Fn button • Movie button • Touchpad AF button

Interface

USB Terminal	Micro USB
Audio/Video OUT Terminal	HDMI OUT terminal Type D HDMI output while recording available

Power Source

Battery	LP-E17
Battery Life	**Number of Still Image Shots (CIPA compliant)** Monitor On: Approx. 295 shots Electronic Color Viewfinder On: Approx. 295 shots **Number of Still Image Shots (Eco Mode On)** Monitor On: Approx. 420 shots **Movie Recording Time (CIPA compliant)** Monitor On: Approx. 85 min. Electronic Color Viewfinder On: Approx. 90 min.
Playback Time	Approx. 4 hr. * Time when playing back a slideshow of still images.

Dimensions and Weight

Dimensions (W x H x D)	Approx. 4.6 x 3.5 x 2.4 in. (115.6 x 89.2 x 60.6mm) * CIPA compliant.
Weight	Approx. 13.4 oz. / 380.0g (Body only) Approx. 15.1 oz. / 427.0g (Including battery pack, memory card) * CIPA compliant.

Operating Environment

Working Temperature Range	14–104°F / -10–40°C
Working Humidity	90% or less