

EOS M200

TECHNICAL SPECIFICATIONS



Canon

EOS M200

Compact and versatile mirrorless camera for the everyday



COMPACT AND VERSATILE FOR EVERY DAY

Compact, lightweight and stylish, the EOS M200 features a range of smart shooting modes that make it perfect for people looking to explore their creativity in both video with 4K technology, and photography with inter-changeable lenses.



180 DEGREE TILT TOUCHSCREEN

Capture that perfect shot, with a tilt and touchscreen LCD. Use the touchscreen to pull focus on your subjects quickly and easily.



QUALITY IMAGES WITH EASE

Capture your travels with high image clarity, beautiful background blur and outstanding colour thanks to 24.1MP APS-C size CMOS sensor.



STAY CONNECTED

Built in WiFi allows you to instantly connect to your preferred device and share your images and video to your favourite social network sites. The camera's connectivity capabilities also enables you to use your smartphone as a remote control so you can get in the frame and remotely capture the perfect group selfie.



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IMAGE SENSOR

Type 22.3 x 14.9mm CMOS
Effective Pixels Approx. 24.1 megapixels
Total Pixels Approx 25.8 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

Lens Mount

EF-M (EF and EF-S lenses compatible via Mount adapter EF-EOS M)
 Equivalent to 1.6x the focal length of the lens
 Optical Image Stabilizer on compatible lens

Focal Length

Image Stabilisation

Movie: In-camera Digital IS available. Further stabilisation enhancements from lenses compatible with Dynamic IS

FOCUSING

Type

Dual Pixel CMOS AF System. Phase detection pixels built onto imaging sensor ^[20]

Contrast detection method is used during 4K Movie and 4K Timelapse Movie

AF System/ Points

Maximum 143 points depending on

lens. Max 25 frames in Zone AF ^[14]

AF working range

Freely position 1 AF point/ 1 AF Zone via manual selection (area available lens dependent)
 EV -4 - 18 (room temperature, f/1.4, ISO 100, One-Shot AF), Movie: EV -2 - 18 (room temperature, f/1.4, ISO 100, One-Shot AF, 29.97fps/25fps)
 One-Shot AF and Servo AF

AF Modes

AF Point Selection

Face + Tracking (Eye Detection AF

available) Zone AF

1-point AF

Selected AF point display

AF Lock

Spot AF
 Indicated on LCD monitor
 Locked when shutter button is pressed half way or AE Lock Button
 via LED assist beam

AF Assist Beam

Manual Focus

With EF & EF-S lenses - Select via AF/MF switch

on lens With EF-M lenses - Select via menu

MF Peaking available
 AF+MF available (Manual focus adjustment after One-Shot AF)
 Magnify image available during MF (5x or 10x)

Focus Bracketing

AF Micro adjustment

EXPOSURE CONTROL

Metering modes

- Real-time metering from the image sensor
- (1) Evaluative metering (384 zones)
 - (2) Partial metering at center (approx. 5.8% of Live View Screen)
 - (3) Center weighted average metering
 - (4) Spot metering (approx. 2.9% of Live View Screen)

Metering Range

Still image: EV -1 - 20 (at 23 °C, ISO 100)

Movie: EV 0 - 20 (at 23 °C, ISO 100)

Auto: In One-shot AF mode with evaluative metering exposure is locked when focus is achieved.

Manual: By AE lock Button in creative zone modes.

+/-3 EV in 1/3 stop increments

Exposure Compensation

AEB

ISO Sensitivity ⁽⁸⁾

100 - 25600 in 1/3 stop increments. Max in Auto can be set from 400 - 25600

4K Movie: 100 - 6400 in 1/3-stop increments. Full HD and HD Movie: ISO 100 - 12800 in 1/3-stop increments.

ISO can be expanded to 25600

SHUTTER

Type

Vertical-travel mechanical focal-plane shutter, electronically controlled at all speeds
 30 - 1/4000 sec (1/3 stop increments), Bulb
 (Total shutter speed range. Available range varies by shooting mode)

Speed

WHITE BALANCE

Type

Settings

Auto white balance with the imaging sensor
 Auto (Ambience Priority), Auto (White Priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature (100 Kelvin increments)

White balance compensation:

1. Blue/Amber +/-9 levels
2. Magenta/ Green +/-9 levels

Yes, 1 setting can be registered

Custom White Balance

VIEWFINDER

LCD MONITOR

Type

7.5 cm (3.0") Touchscreen LCD (TFT). 3:2 aspect ratio. Approx. 1,040,000 dots. Electrostatic capacitive type.
 Tilting approx 180° upward
 Approx 100%
 Approx 170° horizontally and vertically

Coverage

Viewing Angle
 (horizontally/vertically)

Brightness Adjustment
Display Options

Adjustable to one of seven levels

Customisable and toggle via INFO. Button

- (1) Liveview image with exposure info
- (2) Liveview image with basic info
- (3) Liveview image with full info

Customisable settings:

Grid overlay (x3 formats), Histogram (Brightness/ RGB), Multi aspect ratios, Hints and Tips

FLASH

Built-in Flash GN
 (ISO 100, meters)

Built-in Flash Coverage

Built-in Flash recycle time

Modes

Red-Eye Reduction

X-sync

Flash Exposure Compensation

Flash Exposure Lock

Second Curtain

Synchronisation

HotShoe/ PC terminal

External Flash Compatibility

SHOOTING

Modes

Scene Intelligent Auto, Hybrid Auto, Creative Assist, SCN(Self-Portrait, Portrait, Smooth Skin, Landscape, Sports, Close-up, Food, Night Portrait, Handheld Night Scene, HDR Backlight Control), Creative Filters (Grainy B/W, Soft Focus, Fish-eye Effect, Water painting effect, Toy camera effect, Miniature effect, HDR Art standard, vivid, bold, embossed), Program AE, Shutter priority AE, Aperture priority AE, Manual exposure, Movie (Movie auto exposure, Movie manual exposure, Time-lapse movie) Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)
 sRGB and Adobe RGB

Picture Styles

Colour Space

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Image Processing	Highlight Tone Priority (standard and enhanced) Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings + Multi Shot NR) Lens peripheral illumination correction Chromatic aberration correction Diffraction correction Digital Lens Optimizer Creative Assist: Presets Background Blur (5 settings) Brightness (19 levels) Contrast (9 levels) Saturation (9 levels) Color Tone 1 & 2 (19 levels) Monochrome (Off/Black and white/Sepia/Blue/Purple/Green)	OTHER FEATURES Custom Functions Metadata Tag Playback zoom Display Formats Slide Show Histogram Highlight Alert Image Erase/Protection	6 custom functions User copyright information (Author's Name, Copyright Details) Image rating (0-5 stars) 1.5 steps plus smooth pinch-to-zoom (1) Single image with information (toggle options) (2) Single image (3) Index display (4/9/36/100 images) (4) Jump Display (1/10/custom number image, by shot date, by rating, by folder, by movies only, protected only) Playback time: 1/2/3/5/10/30 seconds Repeat: On/Off Transition Effects: Off, Slide in 1-2, Fade 1-3 Brightness/ RGB Yes Erase: Single image, Selected images, Selected range, All images Protection: Selected images, Selected range, All images. Unprotect all images
Drive modes	Single, Continuous, Self timer (2s, 10s, Continuous)		
Continuous Shooting	One shot AF: Approx. 6.1 shots/sec [21] With Servo AF: Approx. 4 shots/sec [22]		
LIVE VIEW MODE		Menu Categories	(1) Shooting menu (x8) (2) Playback menu (x4) (3) Connectivity menu (x2) (4) Setup menu (x5) (5) Display menu (6) My Menu
Coverage	Approx. 100% (horizontally and vertically)		
FILE TYPE		Menu Languages	29 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Malay, Vietnamese, Indonesian, Hindi, Japanese
Still Image Type	JPEG: Fine, Normal (Exif 2.31 compliant) / Design rule for Camera File system (2.0) RAW: RAW (CR3 14-bit), Digital Print Order Format [DPOF] Version 1.1 compliant		
RAW+JPEG simultaneous recording	Yes, RAW + various JPEG compression possible		
Image Size	RAW: (3:2) 6000 x 4000, (4:3) 5328 x 4000, (16:9) 6000 x 3368, (1:1) 4000 x 4000 JPEG 3:2: (L) 6000 x 4000, (M) 3984 x 2656, (S1) 2976 x 1984, (S2) 2400 x 1600 JPEG 4:3: (L) 5328 x 4000, (M) 3552 x 2664, (S1) 2656 x 1992, (S2) 2112 x 1600 JPEG 16:9: (L) 6000 x 3368, (M) 3984 x 2240, (S1) 2976 x 1680 (S2) 2400 x 1344 JPEG 1:1: (L) 4000 x 4000, (M) 2656 x 2656, (S1) 1984 x 1984, (S2) 1600 x 1600 In-camera RAW processing & Image Resize available in playback	Firmware Update INTERFACE Computer Other	Firmware update possible by the user. Hi-Speed USB (Micro USB) Wireless LAN (IEEE802.11b/g/n), (2.4 GHz only, 1-11 ch), [17] Bluetooth® (Specification version 4.1, Bluetooth low energy technology) [23] [25] HDMI (Micro - Type-D connector)
Movie Type	MP4 [Video: MPEG-4 AVC/H.264, Audio: MPEG-4 AAC]	DIRECT PRINT	
Movie Size	4K - 3840 x 2160 (23.98, 25 fps) Full HD - 1920 x 1080 (59.94, 50, 29.97, 25fps) HD - 1280 x 720 (119.9, 100, 59.94, 50 fps)	Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
Movie Length	Max duration 29min 59sec, Max file size 4GB	PictBridge	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
Sound Files			
Folders	New folders can be created and selected	STORAGE	
File Numbering	(1) Continuous, Auto Reset (2) Manual Reset	Type	SD, SDHC, SDXC (UHS-I compatible)

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