EOS M6

THE CONTENT CREATOR'S MIRRORLESS CAMERA

A stylish and compact mirrorless camera that doesn't compromise on speed or quality whether you are shooting stills or movies. The EOS M6 features easy to use controls in a body full of features found in enthusiast level DSLR cameras. Whether you are out vlogging in the city for your YouTube channel, instagramming at your local café or just out and about street shooting, the EOS M6 is the ultimate Content Creator's camera.

A Vloggers camera
The EOS M6 features Dual Pixel CMOS AF, which means it has high-precision AutoFocus, working especially well with moving subjects - just like you when you are on the go! It also has touch AutoFocus for easy, intuitive and fast focusing.

With a 180 degree tilt up touch screen, set the EOS M6 up on a tripod and start recording - easy as!

Upload quickly and easily
With integrated Wi-Fi and NFC connectivity, you can share your images quickly and easily with the new EOS M6. A constant connection between the EOS M6 and your smartphone can be maintained via Bluetooth® connectivity, letting you view your photographs without taking the camera from your bag.

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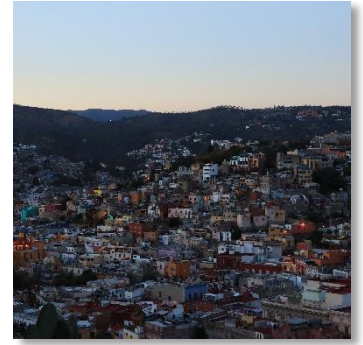## THE CONTENT CREATOR'S MIRRORLESS CAMERA

Dual Pixel CMOS AF

Dual Pixel CMOS AF delivers fast and smooth AF as well as exceptional tracking performance when shooting in Live View and movie mode

Bluetooth®

Bluetooth® creates a constant connection between your smartphone & camera. Shoot remotely, view & transfer images with the Canon Camera Connect App

Time-Lapse Movie

Built-in timelapse movie mode with a choice of 3 scene types will shoot a series of still images and then save them as a time lapse movie within the camera

DiG!C 7

Canon's new DiG!C 7 image processor offers boosted image processing power for lower noise, more detail, richer tones and vastly improved subject tracking ability

24.2 MEGA PIXELS CMOS

Shoot your world with a brilliant 24.2 megapixel Canon CMOS sensor. The latest sensor provides stunning clarity and the freedom to crop

EOS Movie FULL HD

Whether you're creating a travel vlog or cinematic-style movie, the EOS M6 offers total flexibility with Full HD movie shooting including 60p

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Up to 7.0 Frames Per Sec

The EOS M6 delivers high-speed continuous shooting at up to 7 frames per second whilst maintaining AF performance so you can be confident in catching fast moving action

3.0" Touch

A large, high resolution LCD monitor with full function touch screen interface makes it easy and intuitive to change settings, select focus points and review images with pinch zoom

Tilt & Touch LCD

The LCD monitor can tilt 180 degrees upwards and 45 degrees downwards enabling you to find your own unique angle or take the perfect selfie

M Manual Control

With full manual shooting modes and a host of control dials, the EOS M6 was created from the inside out, to work for you

Equipped with a Quick Control Dial, operations are possible with three dials and a controller wheel

5 AXIS Movie Stabilization

For movies that stay steady even when you don't, the camera supports Dynamic IS, a 5-axis digital stabilization system. Combination IS - activated when a lens with built in IS is attached – provides even more effective movie stabilization.

ISO 25600

Whether it is manipulating light or simply shooting in unusual conditions, with the ability to select ISO up to a massive 25,600 with no expansion needed, the EOS M6 is the camera to be carrying for unique, well composed photographs

RAW ▾ JPEG In-Camera RAW processing

Convert images from RAW to JPEG in camera with ability to change white balance or picture style settings. Multiple images can be converted in a batch for the first time in any EOS camera body

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Technical Specifications

EOS M6

IMAGE SENSOR

Type	22.3 x 14.9mm CMOS
Effective Pixels	Approx. 24.2 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	DIG!C 7

LENS

Lens Mount	EF-M (EF and EF-S lenses compatible via Mount adapter EF-EOS M)
Focal Length	Equivalent to 1.6x the focal length of the lens
Image Stabilisation	Optical Image Stabilizer on compatible lens Movie: In-camera 5-axis 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]
AF System/ Points	Maximum 49 AF points (Fixed location on 7x7 grid) via camera automatic selection [15] Freely position 1 AF point/ 1 AF Zone (9 points, 3x3 grid) via manual selection [20]
AF working range	EV -1 - 18 (at 23 °C, ISO 100, with EF-M 22mm f/2 STM)
AF Modes	One-Shot AF and Servo AF
AF Point Selection	Face + Tracking: Face and subject tracking via automatic recognition/ manual selection via touchscreen. Automatic selection over 49 AF points when no face recognised within frame. Smooth Zone AF: Manual zone selection, plus automatic selection over 9 AF points within selected zone 1-point AF: Manual selection via touchscreen/ buttons
Selected AF point display	Indicated on LCD monitor/ EVF
AF Lock	Locked when shutter button is pressed half way or customisable AE Lock Button
AF Assist Beam	via LED assist beam
Manual Focus	With EF & EF-S lenses - Select via AF/MF switch on lens With EF-M lenses - Select via dedicated MF Button/ other customisable buttons (toggle AF/MF). MF Peaking available AF+MF available (Manual focus adjustment after One-Shot AF) Magnify image available during MF (5x or 10x)

EXPOSURE CONTROL

Metering modes	Real-time metering from the image sensor (1) Evaluative metering (384 zones) (2) Partial metering at center (approx. 10% of Live View Screen) (3) Center weighted average metering (4) Spot metering (approx. 2% of Live View Screen)
Metering Range	Still image: EV 1 - 20 (at 23 °C, ISO 100) Movie: EV 2 - 20 (at 23 °C, ISO 100)
AE Lock	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.
Exposure Compensation	+/-3 EV in 1/3 stop increments
AEB	3 shots, +/- 2 EV, 1/3-stop increments (can be used together with Exposure Compensation)
ISO Sensitivity	ISO AUTO (100 - 25600), 100 - 25600 in 1/3 stop increments [8] Movie: ISO AUTO (100 - 6400), 100 - 12800 in 1/3-stop increments

SHUTTER

Type	Electronically controlled focal-place shutter
Speed	30 - 1/4000 sec (1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)

WHITE BALANCE

Type	Auto white balance with the imaging sensor
Settings	AWB, 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
Custom White Balance	Yes, 1 setting can be registered

VIEWFINDER

Type	Optional Electronic Viewfinder EVF-DC1, EVF-DC2
Viewfinder Information	With EVF-DC2: 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: Shooting Info, Grid overlay (x3 formats), Histogram (Brightness/ RGB), Electronic Level, Aspect Ratio
Depth of field preview	Yes, via customisable buttons

LCD MONITOR

Type	7.5 cm (3.0") ClearView II Touchscreen LCD (TFT). 3:2 aspect ratio. Approx. 1,040,000 dots. Electrostatic capacitive type. Tiltable 180 degrees up and 45 degrees down.
Coverage	Approx. 100%
Brightness Adjustment	Adjustable to one of five levels
Display Options	Customisable and toggle via INFO. Button (1) Liveview image with basic info (2) Liveview image with full info (3) Liveview image with no information (4) Quick Control Screen Customisable settings: Shooting Info, Grid overlay (x3 formats), Histogram (Brightness/ RGB), Electronic Level, Aspect Ratio

FLASH

Built-in Flash GN (ISO 100, meters)	5
Built-in Flash Coverage	Maximum coverage at approx. 15mm (35mm equivalent: approx. 24mm)
Built-in Flash recycle time	Approx. 3 seconds [27]
Modes	Auto (E-TTL II), Manual Flash On/Off (3 flash power output settings)
Red-Eye Reduction	Yes - with red eye reduction lamp
X-sync	1/200 sec
Flash Exposure Compensation	+/- 2 EV in 1/3 increments
Flash Exposure Bracketing	Yes, with compatible external flash
Flash Exposure Lock	Yes, via AEL Button
Second Curtain Synchronisation	Yes
HotShoe/ PC terminal	Yes/ No
External Flash Compatibility	E-TTL II with EX series Speedlites, wireless multi-flash support
External Flash Control	Via camera setting/ flash setting menu

SHOOTING

Modes	Scene Intelligent Auto, Hybrid Auto, Creative Assist, SCN(Self-Portrait, Portrait, Landscape, Close-up, Sports, Food, Panning, Handheld Night Scene, HDR Backlight Control), Creative Filters (Grainy B/W, Soft Focus, Fish-eye Effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect (Stills and Movie), High Dynamic Range), Program AE , Shutter priority AE, Aperture priority AE, Manual exposure, Custom (x2), Movie (Movie auto exposure, Movie manual exposure, Time-lapse movie)
Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)
Colour Space	sRGB
Image Processing	Highlight Tone Priority 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 Creative Assist: Background Blur (5 settings) Brightness (19 levels) Contrast (9 levels) Saturation (9 levels) Color Tone (19 levels) Monochrome (Sharpness Strength / Sharpness Fineness / Sharpness Threshold / Contrast (9 levels) / Filter effect (Ye - Yellow / Or - Orange / R - Red / G (Green) / Toning effect (S - Sepia / B - Blue / P - Purple / G - Green))
Drive modes	Single, High-Speed Continuous, Low-Speed Continuous, Self timer (2s, 10s, Custom, Remote)
Continuous Shooting	Fixed AF: Approx. 9 shots/s for up to 26 frames in JPEG and 17 frames in RAW [21] With AF: Approx. 7 shots/s [22]
Intervalometer	Time-Lapse Movie Mode

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Live View Mode	
coverage	Approx. 100% (horizontally and vertically)
FILE TYPE	
Still Image Type	JPEG: Fine, Normal (Exif 2.30 compliant) / Design rule for Camera File system (2.0) RAW: RAW (14-bit, Canon original RAW 2nd edition), 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
Movie Type	MP4 [Video: MPEG-4 AVC/H.264, Audio: MPEG-4 AAC-LC (stereo)]
Movie Size	Full HD - 1920 x 1080 (59.94, 50, 29.97, 25, 23.976 fps) HD - 1280 x 720 (59.94, 50 fps) VGA - 640 x 480 (29.97, 25 fps)
Movie Length	Max duration 29min 59sec, Max file size 4GB
Folders	New folders can be automatically created monthly or daily
File Numbering	(1) Consecutive numbering (2) Auto reset
OTHER FEATURES	
Custom Functions	13 customisable buttons/ dials
Metadata Tag	User copyright information (Author's Name, Copyright Details) Image rating (0-5 stars)
Intelligent Orientation Sensor	Yes, with Image Rotate
Playback zoom	2x - 10x enabled in 10 steps
Display Formats	(1) Single image with information (toggle up to 8 options) (2) Single image (3) Index display (6/12/42/110 images) (4) Jump Display (1/10/100 image, by shot date, by rating)
Slide Show	Playback time: 3/4/5/6/7/8/9/10/15/30 seconds Repeat: On/Off Transition Effects: Off, Fade
Histogram	Brightness/ RGB
Highlight Alert	Yes
Image Erase/Protection	Erase: Single image, Selected images, Selected range, All images Protection: Selected images, Selected range, All images. Unprotect all images
Menu Categories	(1) Shooting menu (x8) (2) Playback menu (x5) (3) Setup menu (x4) (4) Custom Functions menu (5) My Menu
Menu Languages	25 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 and Japanese
Firmware Update	Firmware update possible by the user.
INTERFACE	
Computer	Hi-Speed USB (Micro USB connector)
Other	Wireless LAN (IEEE802.11b/g/n), (2.4 GHz only, 1-11 ch), with Dynamic NFC support [17] Bluetooth® (Specification version 4.1, Bluetooth low energy technology) [23] [25] HDMI (Micro - Type-D connector) External microphone (3.5mm stereo jack)
DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
PictBridge	Yes (via USB or Wireless LAN)
STORAGE	
Type	SD, SDHC, SDXC (UHS-I compatible)

SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows 10 / 8.1 / 8 / 7 SP1 [24] Mac OS X 10.9 / 10.10 / 10.11 / 10.12 For Wi-Fi connection to a PC: Windows 10 / 8.1 / 8 / 7 SP1 Mac OS X 10.9 / 10.10 For Image Transfer Utility: Windows 10 / 8.1 / 8 / 7 SP1 Mac OS X 10.9 / 10.10 / 10.11 / 10.12
SOFTWARE	
Image Processing	Digital Photo Professional
Other	Picture Style Editor, EOS Utility, Image Transfer Utility Camera Connect app available on iOS and Android devices [25]
POWER SOURCE	
Batteries	1 x Rechargeable Li-ion Battery LP-E17E
Battery life	With LCD monitor: Approx. 295 shots (at 23 °C, AE 50%, FE 50%) With optional EVF-DC2 : Approx. 290 shots (at 23 °C, AE 50%, FE 50%) ECO Mode: Approx. 425 shots (at 23 °C, AE 50%, FE 50%)
Battery Indicator	4 levels
Power saving	Display off (15, 30 sec or 1, 3, 5, 10, 30 mins) Auto Power Down (30 sec or 1, 3, 5, 10 mins, Disable) ECO mode
Power Supply & Battery Chargers	Battery charger LC-E17E Compact Power Adapter CA-PS700 DC Coupler DR-E17
PHYSICAL SPECIFICATIONS	
Body Materials	Polycarbonate
Operating Environment	0 – 40 °C, 85% or less humidity
Dimensions (WxHxD)	112.0 x 68.0 x 44.5 mm
Weight (body only)	Approx. 390 g (CIPA testing standard, including battery and memory card)
ACCESSORIES	
Viewfinder	Optional Electronic Viewfinder EVF-DC1 (0.48 type), 4:3 aspect ratio, Approx. 2,360,000 dots, 100% coverage. Approx. 43 g Optional Electronic Viewfinder EVF-DC2 (0.39 type), 4:3 aspect ratio, Approx. 2,360,000 dots, 100% coverage. Approx. 29 g
Cases / Straps	Body Jacket EH30-CJ Neck Strap EM-300DB Neck Strap EM-E2
Lenses	EF-M lenses All EF and EF-S lenses compatible via Mount adapter EF-EOS M
Flash	Canon Speedlites (including 90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III, 430EX III-RT, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, 600EX II-RT, Macro-Ring-Lite, MR-14EX II, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT) Off-Camera Shoe Cord OC-E3, Speedlite Bracket SB-E2
Remote Controller/ Switch	Remote Switch RS-60E3 Timer Remote Controller TC-80N3 [26] Remote Controller RC-6
Other	Interface cable IFC-600PCU

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Technical Specifications

EOS M6

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.

8 Recommended Exposure Index

15 Maximum number of AF frame is dependent on selected image aspect ratio

17 Wi-Fi use may be restricted in certain countries or regions.

20 Dual Pixel CMOS AF - AF is possible over an area of approx. 80% Vertical x 80% Horizontal of the frame

21 Continuous shooting speed is measured with EF-M 15-45mm f/3.5-6.3 IS STM and requires SDHC/SDXC UHS Speed Class 1 memory card. Total number of frames captured and continuous shooting speed may vary depending on camera exposure settings, type of lens used, battery level, light level and memory card used

22 Continuous shooting speed is measured with EF-M 15-45mm f/3.5-6.3 IS STM and requires SDHC/SDXC UHS Speed Class 1 memory card. Under Servo AF, maximum continuous shooting speed and total number of frames captured depends on subject condition, camera settings and lens used

23 Equipped with Bluetooth® low energy technology. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth
SIG, Inc. and any use of such marks by Canon Europe Ltd. is under license. Other trademarks
and trade names are those of their respective owners

24 Software applications compatible with Windows 10 in Windows 10 Desktop Mode only

25 Bluetooth functionality with Camera Connect app requires smart device to be equipped with Bluetooth version 4.0 (or later). Also requires smart device to be using operating system iOS 8.4 (or later) or Android 5.0 (or later)

26 Require Remote Controller Adapter RA-E3

27 When battery is fully charged

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