



Clifton Cameras Product Specification

Canon EOS M200 Camera Full Spec

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)

Focal Length

Equivalent to 1.6x the focal length of the lens

Image Stabilisation

Optical Image Stabilizer on compatible lens

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 sensor¹
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 AF²

Freely position 1 AF point/ 1 AF Zone via manual selection (area available lens dependent)

AF working range

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)

AF Modes

One-Shot AF and Servo AF

AF Point Selection

Face + Tracking (Eye Detection AF available)

Zone AF

1-point AF

Spot AF

Selected AF point display

Indicated on LCD monitor

AF Lock

Locked when shutter button is pressed half way or 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 menu

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. 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)

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

ISO Sensitivity

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

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

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

Custom White Balance

Yes, 1 setting can be registered

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

Coverage

Approx 100%

Viewing Angle (horizontally/vertically)

Approx 170° horizontally and vertically

Brightness Adjustment

Adjustable to one of seven levels

Display Options

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)

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Built-in Flash Coverage

Maximum coverage at approx. 15mm (35mm equivalent: approx. 24mm)

Built-in Flash recycle time

Approx. 4 seconds³

Modes

Auto (E-TTL II)

Red-Eye Reduction

Provided

X-sync

1/200 sec

Flash Exposure Compensation

+/- 2 EV in 1/3 increments

Flash Exposure Lock

Yes

Second Curtain Synchronisation

Yes

HotShoe / PC terminal

No/No

External Flash Compatibility

none

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)



Picture Styles

Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)

Colour Space

sRGB and Adobe RGB

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)

Drive modes

Single, Continuous, Self timer (2s, 10s, Continuous)

Continuous Shooting

One shot AF: Approx. 6.1 shots/sec⁴

With Servo AF: Approx. 4 shots/sec⁵

Live View Mode

Coverage

Approx. 100% (horizontally and vertically)

File Type

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

Movie Type

MP4 [Video: MPEG-4 AVC/H.264, Audio: MPEG-4 AAC]

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)

Movie Length

Max duration 29min 59sec, Max file size 4GB

Folders

New folders can be created and selected

File Numbering

(1) Continuous, Auto Reset
(2) Manual Reset

Other Features

Custom Functions

6 custom functions

Metadata Tag

User copyright information (Author's Name, Copyright Details)
Image rating (0-5 stars)

Playback zoom

15 steps plus smooth pinch-to-zoom



Display Formats

- (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)

Slide Show

Playback time: 1/2/3/5/10/30 seconds
Repeat: On/Off
Transition Effects: Off, Slide in 1-2, Fade 1-3

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 (x4)
- (3) Connectivity menu (x2)
- (4) Setup menu (x5)
- (5) Display menu
- (6) My Menu

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

Firmware Update

Firmware update possible by the user.

Interface

Computer

Hi-Speed USB (Micro USB)



Other

Wireless LAN (IEEE802.11b/g/n), (2.4 GHz only, 1-11 ch),[6](#)

Bluetooth® (Specification version 4.1, Bluetooth low energy technology)[7](#) [8](#)

HDMI (Micro - Type-D connector)

Direct Print

Canon Printers

Canon Compact Photo Printers and PIXMA Printers supporting PictBridge

PictBridge

Canon Compact Photo Printers and PIXMA Printers supporting PictBridge

Storage

Type

SD, SDHC, SDXC (UHS-I compatible)

Supported Operating System

PC & Macintosh

For individual software see service and support sections

Software

Image Processing

Digital Photo Professional, DPP Express for iPad

Other

Picture Style Editor, EOS Utility, Image Transfer Utility 2

Camera Connect app available on iOS and Android devices[8](#)

Power Source

Batteries

1 x Rechargeable Li-ion Battery LP-E12



Battery life

Approx. 315 shots (conforms to CIPA)⁹

Eco Mode: Approx. 485 shots

Movie Recording: Approx. 90 mins

Playback time when playing back a slideshow of still images: Approx. 4 hrs
55mins

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-E12

Compact Power Adapter CA-PS700 DC Coupler DR-E12

Accessories

Cases / Straps

EM-200DB

EM-E2

Lenses

EF-M lenses

All EF and EF-S lenses compatible via Mount adapter EF-EOS M

Remote Controller / Switch

Bluetooth Remote BR-E1

Other

Interface cable IFC-600PCU

Mount Adapter EF-EOSM