

Type	
Camera Type	Digital single-lens non-reflexive, AF/AE camera
Recording Media	SD/SDHC/SDXC card (compatible with Ultra High-Speed UHS-I & Eye-Fi Cards)
Image Format	0.88 x 0.59" / 22.3 x 14.9 mm (APS-C size)
Compatible Lenses	Canon EF lenses including EF-S lenses (35mm equivalent focal length is approx. 1.6x the lens focal length)
Lens Mount	Canon EF-M mount (Canon EF-M lenses can be mounted directly to the camera. Canon EF lenses (including EF-S lenses can be attached by using the optional Mount Adapter EF-EOS M)
Image Sensor	
Type	CMOS sensor
Effective Pixels (Approx.)	18MP
Total Pixels (Approx.)	18.5MP
Pixel Unit	4.3 μ m square
Aspect Ratio	3:2 (horizontal : vertical)
Color Filter System	RGB primary color filters
Low-Pass Filter	Fixed position in front of the CMOS sensor
Recording System	
File Format	JPEG, RAW, JPEG+RAW
File Size (Approx.)	Large: 17.9MP (5184 x 3456) Medium: 8MP (3456 x 2304) Small (1): 4.5MP (2592 x 1728) Small (2): 2.5MP (1920 x 1280) Small (3): 0.35MP (720 x 480) RAW: 17.9MP (5184 x 3456)
Color Space	sRGB, Adobe RGB
Picture Style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Defined 1-3
White Balance	
Settings	Auto (approx. 3000 - 7000K); Daylight (approx. 5200K); Shade (approx. 7000K); Cloudy; Twilight & Sunset (approx. 6000K); Tungsten Light (approx. 3200K); White Fluorescent Light (approx. 4000K); Flash; Custom (Custom White Balance: approx. 2000 - 10,000K)
Color Temperature Compensation	Blue/Amber bias: \pm 9 levels (correction based on the current WB mode's color temperature) - Magenta/Green bias: \pm 9 levels (correction based on the current WB mode's color temperature)
Autofocus	
Type	TTL-CT-SIR AF-dedicated CMOS sensor
AF Points	31 points (max)
AF Working Range	EV 1-18 (at 73°F/23°C, ISO 100)
Focusing Modes (with Canon DF-M Lenses)	Autofocus (1-Shot AF or Servo AF) Manual Focus AF + MF (Manual Focus after 1-Shot AF)
AF Point Selection	Manual selection; Automatic selection (automatically set in Basic Zone modes)
AF-Assist Beam	Provided / Effective Range: approx. 8.2' (2.5 m) at center (with an EOS-dedicated Speedlite attached, the Speedlite's AF-assist beam is emitted instead)
Exposure Control	
Metering Modes	Real-time metering with image sensor - Evaluative metering, partial metering (center: approx. 11%), spot metering (center: approx. 2.8%), center-weighted average metering
Metering Range	EV 1-20 (at 73°F/23°C, EF-M 22 mm f/2 STM, ISO 100)

Exposure Control Systems	
Scene Intelligent Auto	Program AE (non-shiftable)
Creative Zone	Program AE (shiftable) Shutter-Priority AE Aperture-Priority AE Manual Exposure (including bulb)
Basic Zone	Creative Auto, Portrait, Landscape, Close-Up, Sports, Night Portrait, Handheld Night Scene Mode, HDR Backlight Control Mode
ISO Speed Range	
For Video	Manual Setting range of ISO 100-6400 (expandable to ISO 12800)
For Stills	Manual Setting range of ISO 100-12800 (expandable to ISO 25600)
Exposure Compensation	
Manual	±3 stops in 1/3- or 1/2-stop increments
AEB	±2 stops in 1/3- or 1/2-stop increments
AE Lock	
Auto AE Lock	In the 1-Shot AF mode with evaluative metering, AE Lock takes effect when focus is achieved
Manual AE Lock	In the P, Tv, Av & M modes, enabled with the AE Lock button (press again to update) / Enabled in all metering modes
Shutter	
Type	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically-controlled
Shutter Speeds (Settable in 1/3- or 1/2-stop Increments)	1/4000 - 1/60 sec, X-Sync at 1/200 sec (Scene Intelligent Auto) - 1/4000 - 30 sec, bulb, X-Sync at 1/200 sec (total shutter speed range / available range varies by shooting mode)
Self-Timer	10 sec or 2 sec (delay)
Shutter Lag Time (Approx.)	0.05 sec (during SW-1 ON, time lag between SW-2 ON and start of exposure) - 0.2 sec (time lag between simultaneous SW-1/SW-2 ON and start of exposure)
External Speedlite	
Flash Metering	E-TTL II autoflash (evaluative flash metering and average flash metering), FE Lock
Flash Exposure Compensation	±2 stops in 1/3- or 1/2-stop increments
FE Lock	Provided
PC Terminal	No
Drive System	
Drive Modes	Single Shooting, Continuous Shooting, 10 sec self-timer / remote control, 2 sec self-timer, Continuous Shooting after 10 sec self-timer (2-10 shots)
Continuous Shooting Speed	Approx. 4.3 fps (with 1-Shot AF or MF)
Maximum Burst	Based on 8GB memory card: JPEG Large/Fine: approx. 15 shots RAW: approx. 6 shots RAW + JPEG Large/Fine: 3 shots Based on UHS-I 8GB memory card: JPEG Large/Fine: approx. 17 shots RAW: approx. 6 shots RAW + JPEG Large/Fine: 3 shots
Live View Functions	
Shooting Modes	Photo & Video shooting
Focusing (Autofocus)	Face Detection + Tracking AF FlexiZone - Multi (31 zones / AF at the touched zone) FlexiZone - Single

Metering Modes	Evaluative metering, partial metering, spot metering, center-weighted average metering
Metering Range	EV 1-20 (at 73°F/23°C, EF-M 22 mm f/2 STM, ISO 100)
Grid Display	Provided (2 grid-type displays)
Video Shooting	
File Format	MOV (image data: H.264; audio data: Linear PCM Stereo)
File Size (Recording Size)	Full HD 1920 x 1080 (330 MB/min) HD 1280 x 720 (330 MB/min) SD 640 x 480 (82.5 MB/min)
Frame Rates	Full HD 1920 x 1080: 30p (29.97) / 25p / 24p (23.976) HD 1280 x 720: 60p (59.94) / 50p SD 640 x 480: 30p (29.97) / 25p
Continuous Shooting Time (Based on 8GB Memory Card)	1920 x 1080 (30/25/24 fps): approx. 22 min 1280 x 720 (60/50 fps): 22 min 640 x 480 (30/25 fps): 92 min
Focusing	Face Detection + Tracking AF FlexiZone - Multi (31 zones / AF at the touched zone) FlexiZone - Single
Range for Videos	Auto ISO range: ISO 100-6400 - Manual ISO range: ISO 100-6400 (expandable to 12800 in H mode)
Movie Servo AF	Enable/Disable selectable (works with all AF modes)
Exposure Control	Movie Auto Exposure Mode (shutter speed 1/30 - 1/4000 sec [signal accumulation time], aperture and ISO speed automatically set) - Movie Manual Exposure Mode (shutter speed [signal accumulation time], aperture and ISO speed [auto/manual] manually set. The shutter speed [signal accumulation time] is limited to 1/4000 sec at the maximum and to 1/30 sec at the minimum for 24/25/30 fps or 1/60 sec or higher for 50/60 fps)
Exposure Compensation	Provided (±3 stops in 1/3-stop increments - For video, exposure compensation will not be applied beyond ±3 stops even if the exposure compensation has been set beyond ±3 stops)
LCD Monitor	
Type	TFT color, liquid-crystal monitor with Touch Panel LCD (capacitive type)
Monitor Size	3.0" / 7.6 cm (screen aspect ratio of 3:2)
Pixels (Approx.)	1040K dots
Coverage	170° vertical viewing angle & 170° horizontal viewing angle
Brightness Control	Adjustable to 7 levels
Coating	Anti-smudge coating
Interface Languages	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
Image Playback	
Single Image Display Format	Single image, basic information, detailed information, histogram display
Index Display Format	4-image and 9-image index
Jump Display Format	1/10/100 images, shooting date, by folder, video, stills, ratings
Customization	
Custom Functions	7 Custom Functions with 19 settings settable with the camera
My Menu Registration	Up to 6 top-tier menu options and Custom Function settings can be registered
Interface	
USB Port	For personal computer communication and direct printing (USB 2.0 Hi-Speed)
Audio/Video Output	1: Video Output (NTSC/PAL selectable) 2: Mini-HDMI output

Microphone Input	1/8" (3.5 mm) stereo jack
Power Source	
Battery	1 x LP-E12 battery pack (with optional AC Adapter Kit ACK-E12, AC power is possible)
Battery Life at 73°F (23°C)	Approx. 230 shots (still photo shooting); 90 min (video shooting)
Battery Life at 32°F (0°C)	Approx. 200 shots (still photo shooting); 80 min (video shooting)
Battery Check	Automatic battery level check when power is turned ON (battery level indicated in one of four levels on LCD monitor)
Startup Time (Approx.)	1.6 sec with EF-M 18–55mm f/3.5–5.6 IS STM Lens (based on CIPA standards)
Operation Environment	
Working Temperature Range	32-104°F (0-40°C)
Working Humidity Range	0-85%
Dimensions & Weight	
Dimensions (WxHxD)	Approx. 4.28 x 2.62 x 1.27" (108.6 x 66.5 x 32.3 mm)
Weight (Body Only)	Approx. 9.2 oz (262 g)
Weight (According to CIPA Standards)	Approx. 10.5 oz (298 g)