Type	
Type	Digital, single-lens reflex, AF / AE camera
Recording Media	CF card (Type I, UDMA mode 7-compatible), SD memory card, SDHC memory card, SDXC memory card
Image sensor size	Approx. 36 x 24mm
Compatible Lenses	Canon EF lenses (except EF-S lenses) (35 mm-equivalent lens focal length will be as indicated on the lens)
Lens Mount	Canon EF mount
Image Sensor	
Type	CMOS sensor
Effective Pixels	Approx. 22.30 megapixels
Aspect Ratio	3:2
Dust Delete Feature	Auto, Manual, Dust Delete Data appending
Recording System	
Recording Format	Design rule for Camera File System 2.0
Image Type	JPEG, RAW (14-bit Canon original), RAW + JPEG simultaneous recording enabled
Recording Pixels	L (Large):	Approx. 22.10 megapixels (5760 x 3840)
	M (Medium):	Approx. 9.80 megapixels (3840 x 2560)
	S1 (Small 1):	Approx. 5.50 megapixels (2880 x 1920)
	S2 (Small 2):	Approx. 2.50 megapixels (1920 x 1280)
	S3 (Small 3):	Approx. 350,000 pixels (720 x 480)
	RAW:	Approx. 22.10 megapixels (5760 x 3840)
	M-RAW:	Approx. 10.50 megapixels (3960 x 2640)
	S-RAW:	Approx. 5.50 megapixels (2880 x 1920)
Recording function	Standard, Auto switch card, Rec. separately, Rec. to multiple
Create / Select a Folder	Possible
File name	Preset code, User setting 1, User setting 2
File numbering	Continuous, auto reset, manual reset
Image Processing During Shooting	
Picture Style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3

White Balance	Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom, Colour temperature setting (Approx. 2500 - 10000K), White balance correction, and White balance bracketing possible * Flash colour temperature information transmission enabled
Noise Reduction	Applicable to long exposures and high ISO speed shots
Automatic Image Brightness Correction	Auto Lighting Optimizer
Highlight Tone Priority	Provided
Lens Peripheral Illumination Correction	Peripheral illumination correction, Chromatic aberration correction
Viewfinder	
Type	Eye-level pentaprism
Coverage	Vertical / Horizontal Approx. 100% (with Eye point Approx. 21mm)
Magnification	Approx. 0.71x ($-1m^{-1}$ with 50mm lens at infinity)
Eyepoint	Approx. 21mm (from eyepiece lens center at $-1m^{-1}$)
Build-in Dioptric adjustment	Approx. -3.0 - $+1.0m^{-1}$ (dpt)
Focusing Screen	Fixed
AF status indicator	Provided
Grid display	Provided
Electronic level	Horizontal:	1° increments, ±6°
	Vertical:	1° increments, ±4°
	* During horizontal shooting	
Mirror	Quick-return type
Depth-of-field Preview	Provided
Autofocus	
Type	TTL secondary image-registration, phase detection
AF Points	61 points (Up to 41 cross-type points) * Number of available AF points and cross-type points vary depending on the lens.
Focusing Brightness Range	EV -2 - 18 (with center f/2.8 AF point, 23°C / 73°F, ISO 100)
Focusing Modes	One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF)

AF Area Selection Modes	Single-point Spot AF (manual selection), Single-point AF (manual selection), AF point expansion (manual selection; up, down, left, and right), AF point expansion (manual selection; surround), Zone AF (manual selection), Auto selection of 61 AF points	
AF Configuration Tool	Case 1 - 6	
AI Servo Characteristics	Tracking sensitivity, Acceleration / deceleration tracking, AF point auto switching	
AF Fine Adjustment	AF Microadjustment (All lenses by same amount or Adjust by lens)	
AF-assist Beam	Emitted by the EOS-dedicated external Speedlite	
Exposure Control		
Metering Modes	63-zone TTL full-aperture metering • Evaluative metering (linked to all AF points) • Partial metering (Approx. 6.2% of viewfinder at center) • Spot metering (Approx. 1.5% of viewfinder at center) • Center-weighted average metering	
Metering Range	EV 1 - 20 (at 23°C / 73°F with EF50mm f/1.4 USM lens, ISO 100)	
Exposure Control	Program AE (Scene Intelligent Auto, Program), Shutter-priority AE, Aperture-priority AE, Manual exposure, Bulb exposure	
ISO Speed (Recommended exposure index)	Scene Intelligent Auto: ISO 100 - 12800 set automatically P, Tv, Av, M, B: Auto ISO, ISO 100 - 25600 (in 1/3- or whole-stop increments), or ISO expansion to L (50), H1 (equivalent to ISO 51200), H2 (equivalent to ISO 102400)	
ISO Speed Settings	ISO speed range, Auto ISO range, and Auto ISO minimum shutter speed settable	
Exposure Compensation	Manual:	±5 stops in 1/3- or 1/2-stop increments
	AEB:	±3 stops in 1/3- or 1/2-stop increments (Can be combined with manual exposure compensation)
AE Lock	Auto:	Applied in One-Shot AF mode with evaluative metering when focus is achieved
	Manual:	By AE lock button
HDR Shooting		
Dynamic Range Adjustment	Auto, ±1 EV, ±2 EV, ±3 EV	
Effect	Natural, Art standard, Art vivid, Art bold, Art embossed	
Auto Image Align	Possible	
Multiple Exposures		

Shooting Method	Function / control priority, Continuous shooting priority
No. of Multiple Exposures	2 to 9 exposures
Multiple-Exposure Control	Additive, Average, Bright, Dark
Shutter	
Type	Electronically-controlled, focal-plane shutter
Shutter Speeds	1/8000sec. to 1/60sec. (Scene Intelligent Auto mode), X-sync at 1/200sec. * With a wide-angle lens, the shutter speed may be 1/60sec. or slower. 1/8000sec. to 30secs., bulb (Total shutter speed range. Available range varies by shooting mode.)
Drive System	
Drive Modes	Single shooting, High-speed continuous shooting, Low-speed continuous shooting, Silent single shooting, Silent continuous shooting, 10secs. self-timer / remote control, 2secs. self-timer / remote control

Continuous Shooting Speed	High-speed continuous shooting:	Max. Approx. 6 shots/sec.
	Low-speed continuous shooting:	Max. Approx. 3 shots/sec.
	Silent continuous shooting:	Max. Approx. 3 shots/sec.

Max. Burst	JPEG Large / Fine:	Approx. 65 shots (Approx. 16270 shots)
	RAW:	Approx. 13 shots (Approx. 18 shots)
	RAW + JPEG Large / Fine:	Approx. 7 shots (Approx. 7 shots)
	* Figures are based on Canon's testing standards (ISO 100 and Standard Picture Style) and a 8GB card. * Figures in parentheses apply to an UDMA mode 7, 128GB card based on Canon's testing standards.	

External Speedlite	
Compatible Speedlites	EX-series Speedlites
Flash Metering	E-TTL II autoflash
Flash Exposure Compensation	±3 stops in 1/3- or 1/2-stop increments
FE Lock	Provided

PC Terminal	Provided
External Speedlite control	Provided * Compatible with radio wireless flash photography.
Live View Shooting	
Shooting Modes	3:2, 4:3, 16:9, 1:1
Focusing Modes	Live mode, Face detection Live mode (contrast detection), Quick mode (phase-difference detection), Manual focusing (Approx. 5x / 10x magnification possible)
Focusing brightness range	EV 1 - 18 (with contrast detection, at 23°C / 73°F, ISO 100)
Metering Modes	Evaluative metering with the image sensor
Metering Range	EV 0 - 20 (at 23°C / 73°F with EF50mm f/1.4 USM lens, ISO 100)
Silent Shooting	Provided (Mode 1 and 2)
Three Types	Three types
Movie Shooting	
Movie Recording Compression	MPEG-4 AVC / H.264 Variable (average) bit rate
Audio Recording Format	Linear PCM
Recording Format	MOV

Recording Size And Frame Rate	1920 x 1080 (Full HD):	30p / 25p / 24p
	1280 x 720 (HD):	60p / 50p
	640 x 480 (SD):	30p / 25p
	* 30p: 29.97fps, 25p: 25.00fps, 24p: 23.976fps, 60p: 59.94fps, 50p: 50.00fps	

Compression Method	ALL-I (I-only), IPB	

File size	1920 x 1080 (30p / 25p / 24p) / IPB:	Approx. 235MB/min.
	1920 x 1080 (30p / 25p / 24p) / ALL-I :	Approx. 685MB/min.
	1280 x 720 (60p / 50p) / IPB:	Approx. 205MB/min.
	1280 x 720 (60p / 50p) / ALL-I:	Approx. 610MB/min.

	640 x 480 (30p / 25p) / IPB:	Approx. 78MB/min.
	* Card reading / writing speed necessary for movie shooting: CF card: IPB: at least 10MB per sec. / ALL-I: at least 30MB per sec. SD card: IPB: at least 6MB per sec. / ALL-I: at least 20MB per sec.	
Focus Modes	Same as focusing with Live View shooting	
Metering Modes	Center-weighted average and Evaluative metering with the image sensor * Automatically set by the focusing mode.	
Metering Range	EV 0 - 20 (at 23°C / 73°F with EF50mm f/1.4 USM lens, ISO 100)	
Exposure Control	1. Autoexposure, 2. Shutter-priority AE, 3. Aperture-priority AE, 4. Manual exposure * With 1, 2, and 3, exposure compensation and AE lock are possible (except in Scene Intelligent Auto mode).	
Exposure compensation	±3 stops in 1/3-stop increments (±5 stops for still photos)	
ISO speed (Recommended exposure index)	Scene Intelligent Auto and Tv: Automatically set within ISO 100 - 12800 P, Av, and B: Automatically set within ISO 100 – 12800 expandable to H (equivalent to ISO 25600) M: Auto ISO (automatically set within ISO 100 - 12800), ISO 100 - 12800 set manually (in 1/3- or whole-stop increments), expandable to H (equivalent to ISO 16000 / 20000 / 25600)	
Time Code	Supported	
Drop Frames	Compatible with 60p / 30p	
Sound Recording	Built-in monaural microphone, external stereo microphone terminal provided Sound recording level adjustable, wind filter provided	
Headphones	Headphone terminal provided	
Grid Display	Three types	
Still Photos	Possible	
LCD Monitor		
Type	TFT colour, liquid-crystal monitor	
Monitor Size and Dots	Wide, 8.1 cm (3.2-in.) (3:2) with Approx. 1.04 million dots	
Brightness Adjustment	Auto (Dark, Standard, Bright), Manual (7 levels)	
Electronic Level	Horizontal:	1° increments, ±6°

	Vertical:	1° increments, ±4°
Interface Languages	25	
Feature Guide	Displayable	
Playback		
Image Display Formats	Single image display, Single image + Info display (Basic info, shooting info, histogram), 4-image index, 9-image index, 2-image display	
Highlight Alert	Overexposed highlights blink	
AF Point Display	Possible	
Grid Display	Three types	
Zoom Magnification	Approx. 1.5x - 10x, starting magnification and position settable	
Image Browsing Methods	Single image, jump by 10 or 100 images, by shooting date, by folder, by movies, by stills, by rating	
Image Rotate	Possible	
Ratings	Provided	
Movie Playback	Enabled (LCD monitor, video / audio OUT, HDMI OUT), built-in speaker	
Slide Show	All images, by date, by folder, movies, stills, or by rating	
Image protect:	Possible	
Copying images	Possible	
Post-Processing of Images		
In-camera RAW Image Processing	Brightness correction, White balance, Picture Style, Auto Lighting Optimizer, High ISO speed noise reduction, JPEG image-recording quality, Colour space, Peripheral illumination correction, Distortion correction, and Chromatic aberration correction	
Resize	Possible	
Direct Printing		
Compatible Printers	PictBridge-compatible printers	
Printable Images	JPEG and RAW images	
Print Ordering	DPOF Version 1.1 compatible	
Image Transfer		
Transferrable Images	Still photos (JPEG, RAW, RAW + JPEG images), Movies	
Custom Functions		
Custom Functions	13	

My Menu Registration	Possible
Custom Shooting Modes	Register under Mode Dial's C1 / C2 / C3
Copyright Information	Entry and inclusion enabled
Interface	
Audio / Video OUT/ Digital Terminal	Analog video (Compatible with NTSC / PAL) / stereo audio output Personal computer communication, Direct printing (Hi-Speed USB or equivalent), Wireless File Transmitter WFT-E7, GPS Receiver GP-E2 connection
HDMI mini OUT terminal	Type C (Auto switching of resolution), CEC-compatible
External Microphone IN Terminal	3.5mm stereo mini-jack
Headphone terminal	3.5mm stereo mini-jack
Remote Control Terminal	Compatible with N3-type remote controller
Wireless Remote Control	Remote Controller RC-6
Eye-Fi card	Compatible
Power	
Battery	Battery Pack LP-E6 (Quantity 1) * AC power can be supplied via AC Adapter Kit ACK-E6. * With Battery Grip BG-E11 attached, size-AA/LR6 batteries can be used.
Battery Information	Remaining capacity, Shutter count, Recharge performance, and Battery registration possible

Battery Life (Based on CIPA testing standards)	With viewfinder shooting:	Approx. 950 shots at 23°C / 73°F, Approx. 850 shots at 0°C / 32°F
	With Live View shooting:	Approx. 200 shots at 23°C / 73°F, Approx. 180 shots at 0°C / 32°F

Movie Shooting Ttime	Approx. 1hr. 30mins. at 23°C / 73°F Approx. 1hr. 20mins. at 0°C / 32°F (with fully-charged Battery Pack LP-E6)
Date / Time Battery	CR1616 lithium battery (Quantity 1)
Dimensions and Weight	
Dimensions (W x H x D)	Approx. 152.0 x 116.4 x 76.4mm / 6.0 x 4.6 x 3.0in.
Weight	Approx. 950g / 33.5oz. (CIPA Guidelines), Approx. 860g / 30.3oz. (Body only)
Operating Environment	

Working Temperature Range	0°C - 40°C / 32°F - 104°F
Working Humidity	85% or less
Battery Pack LP-E6	
Type	Rechargeable lithium-ion battery
Rated Voltage	7.2 V DC
Battery Capacity	1800 mAh
Dimensions (W x H x D)	Approx. 38.4 x 21.0 x 56.8mm / 1.5 x 0.8 x 2.2in.
Weight	Approx. 80g / 2.8oz.
Battery Charger LC-E6	
Compatible Battery	Battery Pack LP-E6
Recharging Time	Approx. 2hrs. 30mins.
Rated Input	100 - 240 V AC (50 / 60 Hz)
Rated Output	8.4 V DC / 1.2 A
Working Temperature Range	5°C - 40°C / 41°F - 104°F
Working Humidity	85% or less
Dimensions (W x H x D)	Approx. 69.0 x 33.0 x 93.0mm / 2.7 x 1.3 x 3.7in.
Weight	Approx. 130g / 4.6oz.
Battery Charger LC-E6E	
Compatible Battery	Battery Pack LP-E6
Power cord length	Approx. 1m / 3.3ft.
Recharging Time	Approx. 2hrs. 30mins.
Rated Input	100 - 240 V AC (50 / 60 Hz)
Rated Output	8.4 V DC / 1.2 A
Working Temperature Range	5°C - 40°C / 41°F - 104°F
Working Humidity	85% or less
Dimensions (W x H x D)	Approx. 69.0 x 33.0 x 93.0mm / 2.7 x 1.3 x 3.7in.
Weight	Approx. 125g / 4.4oz. (excluding power cord)
EF24-105mm f/4L IS USM	
Angle of View	Diagonal extent:	84° - 23°20'

	Horizontal extent:	74° - 19°20'
	Vertical extent:	53° - 13°
Lens Construction	18 elements in 13 groups	
Minimum Aperture	f/22	
Closest Focusing Distance	0.45m / 1.48ft. (from image sensor plane)	
Max. Magnification	0.23x (at 105mm)	
Field of View	535 x 345 - 158 x 106mm / 21.1 x 13.6 - 6.2 x 4.2in. (at 0.45m)	
Image Stabilizer	Lens shift type	
Filter Size	77mm	
Lens Cap	E-77U	
Max. Diameter x Length	83.5 x 107mm / 3.3 x 4.2in.	
Weight	Approx. 670g / 23.6oz.	
Hood	EW-83H	
Case	LP1219	

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