Type		
Type	Digital, single-lens reflex, AF/AE camera with built-in flash	
Recording Media	SD / SDHC* / SDXC* memory cards * Compatible with UHS-I cards	
Image Sensor Size	Approx. 22.3 x 14.9mm	
Compatible Lenses	Canon EF lenses (including EF-S lenses) *Excluding EF-M lenses (35mm-equivalent focal length is approx. 1.6 times the lens focal length)	
Lens Mount	Canon EF mount	
Image Sensor		
Type	CMOS sensor	
Effective Pixels	Approx. 24.2 megapixels * Rounded off to the nearest 10,000th.	
Aspect Ratio	3:2	
Dust Deletion Feature	Auto / Manual, Appending Dust Delete Data	
Recording System		
Recording Format	Design rule for Camera File System (DCF) 2.0	
Image Type	JPEG, RAW (14-bit Canon original) RAW+JPEG Large simultaneous recording possible	
Recorded Pixels	L (Large):	24 megapixels (6000 x 4000)
	M (Medium):	Approx. 10.6 megapixels (3984 x 2656)
	S1 (Small 1):	Approx. 5.9 megapixels (2976 x 1984)
	S2 (Small 2):	Approx. 2.5 megapixels (1920 x 1280)
	S3 (Small 3):	Approx. 350,000 pixels (720 x 480)
	RAW:	24 megapixels (6000 x 4000)
Aspect ratio	3:2, 4:3, 16:9, 1:1	
Create / Select a folder	Possible	
File Numbering	Continuous, Auto reset, Manual reset	
Image Processing During Shooting		

Picture Style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3
Basic+	Ambience-based shots, Light / scene-based shots
Extra Effect Shot	Possible (in \<CA> mode)
White balance	Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White Balance correction and White balance bracketing possible * Flash color 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 Aberration Correction	Peripheral illumination correction, Chromatic aberration correction, Distortion correction
Viewfinder	
Type	Eye-level pentamirror
Coverage	Vertical / Horizontal approx. 95% (with Eye point approx. 19mm) * Vertical field of view in the 16:9 aspect ratio is approx. 93%.
Magnification	Approx. 0.82x ($-1m^{-1}$ with 50mm lens at infinity)
Eye Point	Approx. 19 mm (from eyepiece lens center at $-1m^{-1}$)
Built-in Dioptric Adjustment	Approx. -3.0 - $+1.0m^{-1}$ (dpt)
Focusing Screen	Fixed, Precision Matte
Grid display	Possible
Mirror	Quick-return type
Depth-of-field Preview	Provided
Autofocus	
Type	TTL secondary image-registration, phase-difference detection with the dedicated AF sensor
AF Points	19 points (cross-type AF point: max. 19 points) * With certain lenses, cross-type focusing at the peripheral AF points is not possible. * Dual cross-type focusing at f/2.8 with center AF point. (Except with the EF28-80mm f/2.8-4L USM and EF50mm f/2.5 Compact Macro.)

Focusing Brightness Range	EV −0.5 - 18 (Conditions: f/2.8-sensitive center AF point, One-Shot AF, room temperature, ISO 100)
Focus Operation	One-Shot AF, AI Servo AF, AI Focus AF Manual focusing (MF)
AF area selection mode	Single-point AF (Manual selection), Zone AF (Manual selection of zone), 19-point automatic selection AF
Condition of AF point automatic selection	AF point can be selected automatically in One-Shot AF mode, using information on colors equivalent to skin tones.
AF-assist Beam	Small series of flashes fired by built-in flash
Exposure Control	
Metering Modes	63-zone TTL full-aperture metering using 7560-pixel RGB plus IR metering sensor • Evaluative metering (linked to all AF points) • Partial metering (approx. 6.0% of viewfinder at center) • Spot metering (approx. 3.5% of viewfinder at center) • Center-weighted average metering
Metering Brightness Range	EV 1 - 20 (at room temperature, ISO 100)
Exposure Control	Program AE (Scene Intelligent Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Sports, Special scene modes (Kids, Food, Candlelight, Night Portrait, Handheld Night Scene, HDR Backlight Control), Program), Shutter-priority AE, Aperture-priority AE, Manual exposure
ISO Speed (Recommended Exposure Index)	Basic Zone modes*: ISO 100 - ISO 6400 set automatically * Landscape: ISO 100 - ISO 1600, <SCN> Handheld Night Scene: ISO 100 - ISO 12800 Creative Zone modes: ISO 100 - ISO 12800 set manually (whole-stop increments), ISO 100 - ISO 6400 set automatically, maximum ISO speed settable for ISO Auto, or ISO expansion to "H" (equivalent to ISO 25600)

Exposure Compensation	Manual:	±5 stops in 1/3- or 1/2-stop increments
	AEB:	±2 stops in 1/3- or 1/2-stop increments (can be combined with manual exposure compensation)
AE lock	Auto:	Applied in One-Shot AF with evaluative metering when focus is achieved
	Manual:	By AE lock button

Anti-flicker	Possible
Shutter	
Type	Electronically-controlled, focal-plane shutter

Shutter Speeds	1/4000 sec. to 30 sec. (Total shutter speed range. Available range varies by shooting mode.), Bulb, X-sync at 1/200 sec.	
Drive System		
Drive Modes	Single shooting, Continuous shooting, Silent single shooting, Silent continuous shooting, Self-timer: 10-sec. delay/remote control, 2-sec. delay, 10-sec. delay with continuous shooting	
Continuous Shooting Speed	Continuous shooting:	Max. approx. 5.0 shots/sec.
	Silent continuous shooting:	Max. approx. 3.0 shots/sec.
Max. burst (Approx.)	JPEG Large / Fine:	180 (940) shots
	RAW:	7 (8) shots
	RAW+JPEG Large / Fine	6 (6) shots
	* Figures are based on Canon's testing standards (3:2 aspect ratio, ISO 100 and Standard Picture Style) using an 8 GB card. * Figures in parentheses apply to an UHS-I compatible 8 GB card based on Canon's testing standards.	
Flash		
Built-in flash	Retractable, auto pop-up flash Guide No.: Approx. 12/39.4 (ISO 100, in meters/feet) Flash coverage: Approx. 17mm lens angle of view Recycling time approx. 3 sec.	
External flash	EX-series Speedlite	
Flash metering	E-TTL II autoflash	
Flash Exposure Compensation	±2 stops in 1/3- or 1/2-stop increments	
FE Lock	Provided	
PC terminal	None	
Flash control	Built-in flash function settings, external Speedlite function settings, external Speedlite Custom Function settings Wireless flash control via optical transmission possible	
Live View Shooting		
Focus Methods	Hybrid CMOS AF III System (Face+Tracking, FlexiZone-Multi, FlexiZone-Single), Manual focus (approx. 5x / 10x magnification possible)	
Continuous AF	Provided	

Focusing Brightness Range	EV 0 - 18 (at room temperature, ISO 100)
Touch shutter	Provided
Metering Modes	Real-time metering with image sensor Evaluative metering (315 zones), Partial metering (approx. 10% of Live View screen), Spot metering (approx. 2.7% of Live View screen), Center-weighted average metering
Metering Range	Focusing brightness range: EV 0 - 20 (at room temperature, ISO 100)
Creative Filter	Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect
Grid Display	Two types
Movie shooting	
Recording format	MP4
	Movie:	MPEG-4 AVC/H.264 Variable (average) bit rate
	Audio	AAC
Recording Size and Frame Rate	1920 x 1080 (Full HD):	29.97p / 25.00p / 23.98p
	1280 x 720 (HD):	59.94p / 50.00p / 29.97p / 25.00p
	640 x 480 (SD):	29.97p / 25.00p
Compression Method	Standard / Light
File Size	Full HD (29.97p / 25.00p / 23.98p) (Standard):	Approx. 216MB/min.
	Full HD (29.97p / 25.00p) (Light):	Approx. 87MB/min.
	HD (59.94p / 50.00p) (Standard):	Approx. 187MB/min.
	HD (29.97p / 25.00p) (Light):	Approx. 30MB/min.
	VGA (29.97p / 25.00p) (Standard):	Approx. 66MB/min.
	VGA (29.97p / 25.00p) (Light):	Approx. 23MB/min.
Focus method	Same as focusing with Live View shooting.

Movie Servo AF	Provided
Focusing brightness range	EV 0 - 18 (at room temperature, ISO 100)
Metering Modes	Center-weighted average and evaluative metering with the image sensor * Automatically set by the focus method.
Metering Range	EV 0 - 20 (at room temperature, ISO 100)
Exposure Control	Program AE for movies and manual exposure
Exposure Compensation	±3 stops in 1/3- or 1/2-stop increments
ISO Speed (Recommended exposure index)	With autoexposure shooting: / ISO 100 - ISO 6400 set automatically
	With manual exposure: / ISO 100 - ISO 6400 set automatically/manually, expandable to H (equivalent to ISO 12800)
Miniature effect movie	Possible
Video Snapshots	Settable to 2 sec. / 4 sec. / 8 sec.
Sound Recording	Built-in stereo microphones External stereo microphone terminal provided Sound-recording level adjustable, wind filter provided, attenuator provided
Grid Display	Two types
Still Photo Shooting	Possible
LCD Monitor	
Type	TFT color liquid-crystal monitor
Monitor size and dots	Wide, 7.7cm (3.0-in.) (3:2) with approx. 1.04 million dots
Brightness Adjustment	Manual (7 levels)
Interface Languages	25
Touch Screen Technology	Capacitive sensing
Feature Guide	Displayable
Playback	
Image Display Formats	Single-image display (without shooting information), Single-image display (with simple information), Single-image display (Shooting information displayed: Detailed information, Lens/histogram, White balance, Picture Style, Color space/noise reduction, Lens aberration correction), Index display (4 / 9 / 36 / 100 images)

Zoom Magnification	Approx. 1.5x - 10x
Highlight Alert	Overexposed highlights blink
AF Point Display	Possible
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, audio/video OUT, HDMI OUT) Built-in speaker
Image Protect	Possible
Slide Show	All images, by date, by folder, by movies, by stills, by rating Five transition effects selectable
Background Music	Selectable for slide shows and movie playback
Post-Processing of Images	
Creative filters	Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect
Resize	Possible
Cropping	Possible
Direct Printing	
Compatible Printers	PictBridge-compatible printers
Printable Images	JPEG and RAW images
Print Ordering	DPOF Version 1.1 compatible
Custom Functions	
Custom Functions	13
My Menu Registration	Possible
Copyright Information	Entry and inclusion enabled
Interface	
Audio / Video OUT / Digital Terminal	Analog video (compatible with NTSC / PAL) / stereo audio output Hi-Speed USB equivalent: Computer communication, Direct printing, GPS Receiver GP-E2, Connect Station CS100 connection
HDMI Mini OUT Terminal	Type C (Auto switching of resolution), CEC-compatible
External Microphone IN Terminal	3.5mm diameter stereo mini-jack

Remote Control Terminal	For Remote Switch RS-60E3
Wireless Remote Control	Compatible with Remote Controller RC-6
Eye-Fi Card	Compatible
Wireless LAN	
Standards Compliance	IEEE 802.11b/g/n
Transmission Method	DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n)
Transmission Range	Approx. 15m / 49.2ft. * When connected to a smartphone * With no obstructions between the transmitting and receiving antennas and no radio interference
Transmission Frequency (Central Frequency)	Frequency: 2412 to 2462 MHz, Channels: 1 to 11 ch
Connection Method	Infrastructure mode*, camera access point mode * Wi-Fi Protected Setup supported
Security	Authentication method: Open system, Shared key, WPA/WPA2-PSK Encryption: WEP, TKIP, AES
NFC connection	For communication with smartphones or connection to Connect Station
Wi-Fi Functions	
Connection to Smartphones	Images can be viewed, controlled, and received using a smartphone. Remote control of the camera using a smartphone. Images can be sent to a smartphone easily.
Transfer Images between Cameras	Transferring one image, Transferring selected images, Transferring resized images
Print from Wi-Fi printers	Images to be printed can be sent to a printer supporting Wi-Fi.
Save Images to Connect Station	Images can be sent and saved to Connect Station.
View Images Using a Media Player	Images can be viewed using a DLNA-compatible media player.
Send Images to a Web Service	Images in the camera or links to images can be sent to registered Web services.
Power	

Battery	Battery Pack LP-E17 (Quantity 1)	
	* AC power can be supplied via AC Adapter Kit ACK-E18	
Number of Possible Shots	With viewfinder shooting:	Approx. 440 shots at room temperature (23°C / 73°F),
		Approx. 400 shots at low temperatures (0°C / 32°F)
	With Live View shooting:	Approx. 180 shots at room temperature (23°C / 73°F
		Approx. 150 shots at low temperatures (0°C / 32°F)
Movie Shooting Time	Approx. 1hr. 20min. at room temperature (23°C / 73°F) Approx. 1hr. at low temperatures (0°C / 32°F) * With a fully-charged Battery Pack LP-E17.	
Dimensions and Weight		
Dimensions (W x H x D)	Approx. 131.9 x 100.7 x 77.8mm / 5.20 x 3.97 x 3.07in.	
Weight	Approx. 555g / 19.58oz. (CIPA Guidelines), Approx. 510g / 17.99oz. (Body only)	
Operating Environment		
Working Temperature Range	0°C - 40°C / 32°F - 104°F	
Working Humidity	85% or less	
Battery Pack LP-E17		
Type	Rechargeable lithium-ion battery	
Rated Voltage	7.2 V DC	
Battery Capacity	1040 mAh	
Working Temperature Range	During charging: 5°C - 40°C / 41°F - 104°F During shooting: 0°C - 40°C / 32°F - 104°F	
Working Humidity	85% or less	
Dimensions (W x H x D)	Approx. 33.0 x 14.0 x 49.4mm / 1.30 x 0.55 x 1.94in.	
Weight	Approx. 45g / 1.59oz. (excluding protective cover)	
Battery Charger LC-E17		
Compatible Battery	Battery Pack LP-E17	
Recharging Time	Approx. 2 hours (at room temperature (23°C / 73°F))	
Rated Input	100 - 240V AC (50 / 60 Hz)	

Rated Output	8.4 V DC / 700 mA
Working Temperature Range	5°C - 40°C / 41°F - 104°F
Working Humidity	85% or less
Dimensions (W x H x D)	Approx. 67.3 x 27.7 x 92.2mm / 2.65 x 1.09 x 3.63in. (prongs retracted)
Weight	Approx. 85g / 3oz.
Battery Charger LC-E17E	
Compatible Battery	Battery Pack LP-E17
Recharging Time	Approx. 2 hours (at room temperature (23°C / 73°F))
Rated Input	100 - 240V AC (50 / 60 Hz)
Rated Output	8.4 V DC / 700 mA
Working Temperature Range	5°C - 40°C / 41°F - 104°F
Working Humidity	85% or less
Dimensions (W x H x D)	Approx. 67.3 x 27.7 x 92.2mm / 2.65 x 1.09 x 3.63in. (excluding power cord)
Weight	Approx. 80g / 2.82oz. (excluding power cord)
EF-S18-55mm f/3.5-5.6 IS STM	
Focal length / Speed	18 -55mm / f/3.5-5.6 IS STM
Lens construction	13 elements in 11 groups
Minimum aperture	f/22 – 36 * f/22 – 38 when 1 / 2 stop increments set for aperture

Angle of view	Diagonal extent:	74°20′ - 27°50′
	Vertical extent:	45°30′ - 15°40′
	Horizontal extent:	64°30′ - 23°20′

Closest Focusing Distance	0.25m / 0.82ft.
Max. magnification	0.36x (at 55mm focal length)
Field of view	Approx. 129 x 199 - 42 x 63mm / 5.07 x 7.83 - 1.65 x 2.48in. (at 0.25m / 0.82ft.)
Filter size	58mm
Max. diameter x length	Approx. 69 x 75.2mm
Weight	Approx. 205g / 7.2oz.
Hood	EW-63C (sold separately)

Lens cap	E-58 II (center pinch type)
Case	LP1016 (sold separately)

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