

Specifications

Type	
Type	Digital, AF/AE single-lens reflex camera
Recording Media	(1) CF card <ul style="list-style-type: none"> Type I drive (Type II and Microdrive non-supported.) UDMA Mode 7 supported. CFast cards cannot be used. (2) SD, SDHC and SDXC memory cards <ul style="list-style-type: none"> UHS-I supported. MultiMediaCards (MMC) cannot be used (results in error). UHS-II not supported. If a UHS-II card is used, it may be slower than a UHS-I (depends on the card specifications).
Compatible Lenses	Canon EF Lenses (excluding EF-S and EF-M lenses)
Lens Mount	Canon EF Mount
Image Sensor	
Type	CMOS sensor (Compatible with Dual Pixel CMOS AF)
Pixel Unit	Approx. 5.36 μm square
Effective Pixels	Approx. 30.4 megapixels
Total Pixels	Approx. 31.7 megapixels
Aspect Ratio	3:2 (Horizontal: Vertical)
Color Filter System	RGB primary color filters
Low Pass Filter	Installed in front of the image sensor, non-detachable
Dust Deletion Feature	(1) Self Cleaning Sensor Unit <ul style="list-style-type: none"> Removes dust adhering to the low-pass filter. Self-cleaning can be done automatically when the power is turned on/off. After the cleaning is performed, the camera will automatically restart (Power OFF to ON). When you use Multi Shot Noise Reduction, "Clean now" cannot be selected. (2) Dust Delete Data acquisition and appending <ul style="list-style-type: none"> The coordinates of the dust adhering to the low-pass filter are detected by a test shot and appended to subsequent images. The dust coordinate data appended to the image is used by the EOS software DPP to automatically erase the dust spots. (3) Manual cleaning

Recording System	
Recording Format	Complies with Design rule for Camera File System 2.0 and EXIF 2.3
Image Format	Still Image: JPEG, RAW (14 bit Canon Original) Video: MOV (4K video: Motion JPEG; Full HD and HD Movie: MPEG4 AVC/H.264*; Audio: Linear PCM), MP4 (Movie: MPEG4 AVC/H.264*; Audio: AAC) *Variable (averaged) bit rate
File Size	<p>3:2 Aspect Ratio Large/RAW: Approx. 30.1 Megapixels (6720 x 4480) mRAW: Approx. 16.9 Megapixels (5040 x 3360) Medium: Approx. 13.3 Megapixels (4464 x 2976) Small 1/sRAW: Approx. 7.5 Megapixels (3360 x 2240) Small 2: Approx. 2.5 Megapixels (1920 x 1280) Small 3: Approx. 0.35 Megapixels (720 x 480)</p> <p>4:3 Aspect Ratio Large/RAW: Approx. 26.7 Megapixels (5952 x 4480)* mRAW: Approx. 15.1 Megapixels (4480 x 3360) Medium: Approx. 11.8 Megapixels (3968 x 2976) Small 1/sRAW: Approx. 6.7 Megapixels (2976 x 2240)* Small 2: Approx. 2.2 Megapixels (1696 x 1280)* Small 3: Approx. 0.31 Megapixels (640 x 480)</p> <p>16:9 Aspect Ratio Large/RAW: Approx. 25.4 Megapixels (6720 x 3776)* mRAW: Approx. 14.3 Megapixels (5040 x 2836)* Medium: Approx. 11.2 Megapixels (4464 x 2512)* Small 1/sRAW: Approx. 6.3 Megapixels (3360 x 1888)* Small 2: Approx. 2.1 Megapixels (1920 x 1080) Small 3: Approx. 0.29 Megapixels (720 x 408)*</p> <p>1:1 Aspect Ratio Large/RAW: Approx. 20.1 Megapixels (4480 x 4480) mRAW: Approx. 11.3 Megapixels (3360 x 3360) Medium: Approx. 8.9 Megapixels (2976 x 2976) Small 1/sRAW: Approx. 5.0 Megapixels (2240 x 2240) Small 2: Approx. 1.6 Megapixels (1280 x 1280) Small 3: Approx. 0.23 Megapixels (480 x 480)</p> <p>Values for Recording Pixels are rounded off to the nearest 10,000th or 1,000th. JPEG images are generated in the set aspect ratio. RAW images are generated in [3:2], and the set aspect ratio is appended. *Inexact proportion.</p>
Recording Functions	<p>(1) Standard • Select manually to record on either the CF card or SD card.</p> <p>(2) Auto switch card • When the current card becomes full, the camera switches to the other card automatically.</p> <p>(3) Record separately • The CF card and SD card record the same image at a different image recording quality (Large/Fine, Large/Normal, Medium/Fine, Medium/Normal, Small 1/Fine, Small 1/Normal, Small 2, Small 3, RAW, mRAW, sRAW).</p> <p>(4) Record to multiple • Both the CF card and SD card record the same image at the same image recording quality (Also applies to RAW+JPEG, mRAW+JPEG, and sRAW+JPEG).</p>
Backup Recording	N/A

File Numbering	<p>The following three types of file numbers can be set:</p> <ol style="list-style-type: none"> 1. Continuous numbering <ul style="list-style-type: none"> • The numbering of captured images continues even after you replace the card. 2. Auto reset <ul style="list-style-type: none"> • When you replace the card, the numbering will be reset to start from 0001. If the new card already contains images, the numbering will continue from the last recorded image in the card. 3. Manual reset <ul style="list-style-type: none"> • Resets the file number to 0001, and creates a new folder automatically.
RAW + JPEG Simultaneous Recording	Possible
Color Space	sRGB, Adobe RGB
Picture Style	<ol style="list-style-type: none"> 1. Auto 2. Standard 3. Portrait 4. Landscape 5. Fine Detail 6. Neutral 7. Faithful 8. Monochrome 9. User Defined 1-3 <ol style="list-style-type: none"> a. In Scene Intelligent Auto, [Auto] will be set automatically. b. [Standard] is the default setting for [User Def. 1-3].
White Balance	
Settings	<p>Auto (Ambience priority/White priority), Daylight, Shade, Cloudy*, Tungsten Light, White Fluorescent Light, Flash, Custom (Custom WB), Color Temperature</p> <p>* Effective also in twilight and sunset.</p>
Auto White Balance	Option between ambience priority and white priority settings
Color Temperature Compensation	<p>Blue/amber bias: ± 9 levels</p> <p>Magenta/green bias: ± 9 levels</p> <p>Corrected in reference to the current WB mode's color temperature.</p>
Color Temperature Information Transmission	Provided
Viewfinder	
Type	Eye-level SLR (with fixed pentaprism)
Coverage	Approx. 100% vertically and horizontally (at approx. 21mm eyepoint)
Magnification	Approx. 0.71
Eye Point	Approx. 21mm (at -1m^{-1} from the eyepiece lens center)
Dioptic Adjustment Correction	Adjustable from approx. -3.0 to $+1.0\text{ m}^{-1}$ (dpt)
Focusing Screen	Fixed
Mirror	Quick-return half mirror

Viewfinder Information	<p>Displayed with transparent liquid crystal</p> <ul style="list-style-type: none"> • AF point information • AF operation* • Area AF frame • Metering mode* • Spot metering circle • Image quality* • Electronic level (dedicated indicator)* • Digital Lens Optimizer* • Battery (remaining capacity)* • Dual Pixel RAW setting (shooting)* • Shooting mode* • Flicker detection* • White balance* • Warning symbol • Drive mode* • AF status indicator <p>You can select whether or not to display the asterisked items [Show/hide in viewfinder].</p>												
Depth Of Field Preview	Enabled with depth of field preview button												
Autofocus													
Type	TTL secondary image-forming phase-difference detection system with AF-dedicated sensor												
AF Points	<p>Max. 61 points</p> <table border="1"> <thead> <tr> <th>AF Points and AF Patterns</th> <th>AF Points (Max.)</th> </tr> </thead> <tbody> <tr> <td>Dual cross-type AF points at f/2.8 and f/5.6</td> <td>5</td> </tr> <tr> <td>Cross-type AF points at f/4.0 and f/5.6</td> <td>20</td> </tr> <tr> <td>Cross-type AF points at f/5.6 and f/8</td> <td>21</td> </tr> <tr> <td>Horizontal-line sensitive AF points at f/5.6</td> <td>20</td> </tr> <tr> <td>Horizontal-line sensitive AF points at f/8</td> <td>61</td> </tr> </tbody> </table> <p>The number of AF points, cross-type AF points and dual cross-type AF points vary depending on the lens used.</p>	AF Points and AF Patterns	AF Points (Max.)	Dual cross-type AF points at f/2.8 and f/5.6	5	Cross-type AF points at f/4.0 and f/5.6	20	Cross-type AF points at f/5.6 and f/8	21	Horizontal-line sensitive AF points at f/5.6	20	Horizontal-line sensitive AF points at f/8	61
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AF Working Range	<p>Conditions: One-Shot AF, at 73°F/23°C, ISO 100</p> <table border="1"> <thead> <tr> <th>AF Point</th> <th>Brightness</th> </tr> </thead> <tbody> <tr> <td>One center AF point focusing at f/2.8</td> <td>EV -3 to 18</td> </tr> <tr> <td>Four AF points at the top/bottom center focusing at f/2.8</td> <td>EV -2 to 18</td> </tr> <tr> <td>One center AF point focusing at f/5.6 and f/8</td> <td>EV -1.5 to 18</td> </tr> <tr> <td>Peripheral AF points focusing at f/5.6 and f/8</td> <td>EV -0.5 to 18</td> </tr> </tbody> </table>	AF Point	Brightness	One center AF point focusing at f/2.8	EV -3 to 18	Four AF points at the top/bottom center focusing at f/2.8	EV -2 to 18	One center AF point focusing at f/5.6 and f/8	EV -1.5 to 18	Peripheral AF points focusing at f/5.6 and f/8	EV -0.5 to 18		
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Focusing Mode	<p>(1) Autofocus</p> <ol style="list-style-type: none"> One-Shot AF Predictive AI Servo AF (AI Servo AF III) AI Focus AF <ul style="list-style-type: none"> • Switches between One-Shot AF and AI Servo AF automatically. <p>(2) Manual focus</p>												

AF Point Selection	<ul style="list-style-type: none"> (1) Single-point Spot AF (Manual selection) (2) Single-point AF (Manual selection) <ul style="list-style-type: none"> • The checkmark cannot be removed from this option. (3) AF point expansion (Manual selection, 4 points: Up, down, left and right) (4) AF point expansion (Manual selection, surrounding 8 points) (5) Zone AF (Manual zone selection) <ul style="list-style-type: none"> • All AF points divided into nine focusing zones. (6) Large Zone AF (Manual zone selection) <ul style="list-style-type: none"> • All AF points divided into three focusing zones. (7) AF point Auto selection AF 																																				
Selected AF Point Display	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #f2f2f2;"> <th style="width: 25%;"></th> <th style="width: 12.5%;">During AF Point Selection</th> <th style="width: 12.5%;">Shooting Ready (before AF)</th> <th style="width: 12.5%;">During AF</th> <th style="width: 12.5%;">When Focused</th> <th style="width: 12.5%;">Metering Time Active</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">Selected AF Point(s) (Always displayed)</td> <td>All displayed</td> <td>Selected AF point</td> <td>Selected AF point</td> <td>In-focus AF points</td> <td>Selected AF point</td> </tr> <tr> <td style="text-align: left;">All AF Points (Always displayed)</td> <td>All displayed</td> <td>All displayed</td> <td>All displayed</td> <td>All AF points + In-focus AF points</td> <td>All displayed</td> </tr> <tr> <td style="text-align: left;">Selected AF Point(s) (Before AF and when focused)</td> <td>All displayed</td> <td>Selected AF point</td> <td>Not displayed</td> <td>In-focus AF points displayed momentarily -> Turns off</td> <td>Selected AF point</td> </tr> <tr> <td style="text-align: left;">Selected AF Point(s) (Displayed when focused)</td> <td>All displayed</td> <td>Not displayed</td> <td>Not displayed</td> <td>In-focus AF points displayed momentarily -> Turns off</td> <td>Not displayed</td> </tr> <tr> <td style="text-align: left;">Not displayed</td> <td>All displayed</td> <td>Not displayed</td> <td>Not displayed</td> <td>Not displayed</td> <td>Not displayed</td> </tr> </tbody> </table>		During AF Point Selection	Shooting Ready (before AF)	During AF	When Focused	Metering Time Active	Selected AF Point(s) (Always displayed)	All displayed	Selected AF point	Selected AF point	In-focus AF points	Selected AF point	All AF Points (Always displayed)	All displayed	All displayed	All displayed	All AF points + In-focus AF points	All displayed	Selected AF Point(s) (Before AF and when focused)	All displayed	Selected AF point	Not displayed	In-focus AF points displayed momentarily -> Turns off	Selected AF point	Selected AF Point(s) (Displayed when focused)	All displayed	Not displayed	Not displayed	In-focus AF points displayed momentarily -> Turns off	Not displayed	Not displayed	All displayed	Not displayed	Not displayed	Not displayed	Not displayed
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Active AF Point Indicator	Displayed in viewfinder with transparent LCD and on LCD panel																																				
AF Assist Beam	<ul style="list-style-type: none"> (1) Enable (2) Disable (3) IR AF assist beam only 																																				
Exposure Control																																					
Metering Modes	150,000-pixel RGB+IR metering sensor <ul style="list-style-type: none"> • 153,600 effective pixels (480 x 320) EOS iSA System with 252 zone (18 x 14) metering <ul style="list-style-type: none"> (1) Evaluative metering (linked to all AF points) (2) Partial metering (center, approx. 6.1% of viewfinder) (3) Spot metering (center, approx. 1.3% of viewfinder) <ul style="list-style-type: none"> • AF point-linked spot metering not provided. (4) Center-weighted average metering 																																				
Metering Range	EV 0–20 (at 73°F/23°C, ISO 100)																																				
Exposure Control Systems	<ul style="list-style-type: none"> (1) Scene Intelligent Auto (2) Program AE (shiftable) (3) Shutter-priority AE (Safety shift possible) (4) Aperture-priority AE (Safety shift possible) (5) Manual exposure (6) Bulb (7) Custom shooting mode C1, C2, C3 																																				

ISO Speed Range	Manual setting (During viewfinder shooting)		
	Normal	ISO 100–32000 (in 1/3-stop or whole-stop increments)	
	Expanded	ISO speeds L: equivalent to ISO 50, HI: 51200, H2: 102400	
	<ul style="list-style-type: none"> • For [Highlight tone priority], the settable ISO speed range will be ISO 200–32000. • ISO speed safety shift possible with Custom Function. 		
	Auto setting (During viewfinder shooting)		
	Shooting Mode	ISO Settings	
		No Flash	With Flash
	Scene Intelligent Auto	ISO 100–12800	ISO 100–1600
	P/Tv/Av/M	ISO 100–32000*1	ISO 400 fixed*1, 2, 3
	B	ISO 400 fixed*1	
	<p>*1 It depends on [Minimum] and [Maximum] of [ISO speed settings] [Range for stills].</p> <p>*2 If fill-in flash will cause overexposure, ISO 100 or a higher ISO will be set (except for M and B).</p> <p>*3 In the <d> mode, if you use bounce flash with an external Speedlite, ISO 400–1600 will be set automatically.</p>		
Exposure Compensation	Manual: ±5 stops in 1/3- or 1/2-stop increments AEB: ±3 stops in 1/3- or 1/2-stop increments <ul style="list-style-type: none"> • Indicated up to ±3 stops on the LCD panel and in the viewfinder. To set exposure compensation exceeding ±3 stops, you can use Quick Control. • For Live View shooting, exposure compensation can be set up to ±3 stops. 		
AE Lock	(1) Auto AE lock <ul style="list-style-type: none"> • In the One-Shot AF mode with evaluative metering, AE lock takes effect when focus is achieved. (2) Manual AE lock <ul style="list-style-type: none"> • With AE lock button. (AE lock is updated each time you press the button.) Enabled in all metering modes.		
Shutter			
Type	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically-controlled		
Shutter Speeds	1/8000 to 30 sec., bulb (Total shutter speed range. Available range varies by shooting mode.) X-sync at 1/200 sec.		
Shutter Release	Soft-touch electromagnetic release		
Self Timer	10-sec. self-timer, 2-sec. self-timer		
Shutter Lag Time	During SW-1 ON, time lag between SW-2 ON and start of exposure:	Normal shooting	Approx. 58 ms
		During silent shooting	Approx. 108 ms
		With flash	Approx. 98 ms
		During silent shooting with flash	Approx. 153 ms
	Time lag between simultaneous SW-1/SW-2 ON and start of exposure:	Normal shooting	Approx. 130 ms
		During silent shooting	Approx. 177 ms
		With flash	Approx. 266 ms
		During silent shooting with flash	Approx. 318 ms

External Speedlite	
EOS Dedicated Speedlite	E-TTL II autoflash with all EX Series Speedlites
Zooming to Match Focal Length	Provided
Flash Exposure Compensation	±3 stops in 1/3- or 1/2-stop increments
FE Lock	Provided
External Flash Settings	<p>(1) External flash control</p> <ul style="list-style-type: none"> • Flash firing • E-TTL II Flash metering • Flash sync. speed in Av mode • Flash mode • Radio transmission wireless flash shooting • Optical transmission wireless flash shooting • Flash ratio control • Zoom • Sync setting • Flash exposure compensation • FEB • Clear settings <p>(2) Flash Custom Function setting</p>
PC Terminal	Provided (no polarity)
Drive System	
Drive Modes	<p>(1) Single shooting</p> <p>(2) High-speed continuous shooting</p> <p>(3) Low-speed continuous shooting</p> <p>(4) Silent single shooting</p> <p>(5) Silent continuous shooting</p> <p>(6) 10-sec. self-timer/remote control</p> <p>(7) 2-sec. self-timer/remote control</p>
Continuous Shooting Speed	<p>High-speed continuous shooting: Max. approx. 7.0 fps</p> <ul style="list-style-type: none"> • With 1/500 sec. or faster shutter speed, maximum aperture (varies depending on the lens), with a fully-charged Battery Pack LP-E6N, and at room temperature (73°F/23°C). • The maximum continuous shooting speed will decrease under the following shooting conditions: <ul style="list-style-type: none"> ○ [Anti-flicker shoot.: Enable] results in maximum approx. 6.6 fps. ○ [Dual Pixel RAW: Enable] and RAW or RAW+JPEG image quality. ○ [Digital Lens Optimizer: Enable] will greatly decrease the continuous shooting speed. • The continuous shooting speed may become slower depending on the shutter speed, aperture, subject conditions, brightness, lens, flash use, temperature, battery type, remaining battery level, etc. • With the AF mode set to One-Shot AF and the Image Stabilizer turned off when using the following lenses: EF 300mm f/4 L IS USM, EF 28-135mm f/3.5-5.6 IS USM, EF 75-300mm f/4-5.6 IS USM, EF 100-400mm f/4.5-5.6L IS USM. • In AI Servo AF operation, the continuous shooting speed may become slower depending on the subject and the lens used. • If you use Battery Pack LP-E6 and shoot in low temperatures (battery temperature is low), the high-speed continuous shooting speed may become slower. • The continuous shooting speed may become slower if the remaining battery level is low or if you shoot under low-light conditions. <p>Low-speed continuous shooting: Max. approx. 3.0 fps</p> <p>Silent continuous shooting: Max. approx. 3.0 fps</p>

Pixels Recorded/Image File Size/Number of Possible Shots/Maximum Burst During Continuous Shooting:

Image Recording Quality	Pixels Recorded (Approx.)	Image File Size (Approx. MB)	Possible Shots (Approx.)	Maximum Burst (Approx.)			
				CF Card		SD Card	
				Standard	UDMA7	Standard	UHS-I
Large/Fine	Approx. 30.1	8.8	820	110	Full	130	Full
Large/Normal	Megapixels	4.5	1590	Full	Full	Full	Full
Medium 1/Fine	Approx. 13.3	4.7	1530	Full	Full	Full	Full
Medium 1/Normal	Megapixels	2.4	2970	Full	Full	Full	Full
Small 1/Fine	Approx. 7.5	3.0	2350	Full	Full	Full	Full
Small 1/Normal	Megapixels	1.5	4560	Full	Full	Full	Full
Small 2	Approx. 2.5	1.3	5420	Full	Full	Full	Full
Small 3	Approx. 0.35	0.3	20330	Full	Full	Full	Full
RAW	Approx. 30.1	36.8	170	17	21	17	19
RAW:DPR	Approx. 30.1	66.9	90	7	7	7	7
mRAW	Approx. 16.9	27.7	220	23	32	23	26
sRAW	Approx. 7.5	18.9	310	35	74	36	48
RAW + Large/ Fine	Approx. 30.1 Megapixels + Approx. 30.1 Megapixels	36.8 + 8.8	140	13	16	13	14
mRAW + Large/ Fine	Approx. 16.9 Megapixels + Approx. 30.1 Megapixels	27.7 + 8.8	170	13	17	14	15
sRAW + Large/ Fine	Approx. 7.5 Megapixels + Approx. 30.1 Megapixels	18.9 + 8.8	220	15	22	15	18

The number of possible shots and maximum burst apply to an 8 GB card based on Canon's testing standards.
 The maximum burst is with Canon's standard testing CF card (Standard: 8 GB, High speed: UDMA Mode 7, 64 GB) and SD card (Standard: 8 GB, High speed: UHS-I, 16 GB), and based on the following conditions set by Canon's testing standard: High-speed continuous shooting, 3:2 aspect ratio, ISO 100, Dual Pixel RAW shooting disabled, Standard Picture Style, IPTC information not appended.
 The file size, number of possible shots and maximum burst will vary depending on the subject, card brand, ISO speed, Picture Style, Custom Functions and other settings.
 "Full" indicates that shooting is possible until the card becomes full with the listed conditions.

Live View Functions	
Shooting Modes	Still photo and video recording
Focusing	(1) Dual Pixel CMOS AF <ul style="list-style-type: none"> • Dual Pixel CMOS AF is possible with all EF lenses. (2) Manual focus <ul style="list-style-type: none"> • Magnify the image by 5x or 10x and focus manually.
Metering Modes	(1) Evaluative metering 315-zone (21 x 15) (2) Partial metering (approx. 6.3% of Live View screen) (3) Spot metering (approx. 2.7% of Live View screen) (4) Center-weighted average metering <ul style="list-style-type: none"> • AE lock possible. The active metering timer can be changed.
Metering Range	EV 0–20 (at 73°F/23°C, ISO 100)
Grid Display	(1) 3 x 3 (2) 6 x 4 (3) 3 x 3 + diagonals
Exposure Simulation	Possible
Silent Shooting	Provided (Mode 1 and Mode 2)
Video Shooting	
File Format	MOV: 4K Video: Motion JPEG Full HD/HD Movie: MPEG-4 AVC/H.264 <ul style="list-style-type: none"> • Variable (averaged) bit rate Audio: Linear PCM MP4: Movie: MPEG-4 AVC/H.264 <ul style="list-style-type: none"> • Variable (averaged) bit rate Audio: AAC
File Size	Recording Sizes: 4096 x 2160 (4K), 1920 x 1080 (Full HD), 1280 x 720 (HD)
Frame Rates	MOV: 4096 x 2160 (4K): 30 fps (29.97 fps) / 24 fps / 23.98 fps 1920 x 1080 (Full HD): 60 fps (59.94 fps) / 30 fps (29.97 fps) / 24 fps / 23.98 fps 1280 x 720 (HD): 120 fps (119.9 fps) MP4: 1920 x 1080 (Full HD): 60 fps (59.94 fps) / 30 fps (29.97 fps) / 24 fps / 23.98 fps

Continuous Shooting Time MOV

Movie Recording Size			Total Recording Time (Approx.)			Bit Rate / File Size (Approx.)
			8 GB	32 GB	128 GB	
4K 4096 x 2160	29.97 fps, 24.00 fps, 23.98 fps	Motion JPEG	2 min.	8 min.	34 min.	500 Mbps 3587 MB/min.
		Full HD 1920 x 1080	59.94 fps	All-I	5 min.	23 min.
IPB	17 min.			69 min.	277 min.	60 Mbps 440 MB/min.
29.97 fps, 24.00 fps, 23.98 fps	All-I		11 min.	46 min.	186 min.	90 Mbps 654 MB/min.
	IPB		33 min.	135 min.	541 min.	30 Mbps 225 MB/min.
HD 1280 x 720	119.9 fps	All-I	6 min.	26 min.	105 min.	160 Mbps 1155 MB/min.

MP4

Movie Recording Size			Total Recording Time (Approx.)			Bit Rate / File Size (Approx.)
			8 GB	32 GB	128 GB	
Full HD 1920 x 1080	59.94 fps	IPB	17 min.	70 min.	283 min.	60 Mbps 431 MB/min.
	29.97 fps, 24.00 fps, 23.98 fps	IPB	35 min.	140 min.	563 min.	30 Mbps 216 MB/min.
	29.97 fps	IPB (Light)	86 min.	347 min.	1391 min.	12 Mbps 87 MB/min.

Bit rate indicates video output only, audio is not included.

For both MOV and MP4, if the recording time reaches 29 min. 59 sec. (or 7 min. 29 sec. for a HD High Frame Rate Movie), the movie shooting will stop automatically. With MOV and MP4, movie shooting does not stop automatically stop even when the file size reaches 4 GB.

ISO Speed

Shooting Mode	ISO Speed	Full HD		4K	
		Auto Setting	Manual Setting	Auto Setting	Manual Setting
A+	Normal ISO	100–25600	—	100–12800	—
P, Tv, Av, bulb	Normal ISO Speed Range	100–25600	—	100–12800	—
	Expanded ISO Speed Range	H2 (102400)	—	H2 (102400)	—
M	Normal ISO Speed Range	100–25600	100–25600 1/3-stop increments	100–12800	100–12800 1/3-stop increments
	Expanded ISO Speed Range	H2 (102400)	H2 (102400)	H2 (102400)	H2 (102400)

- Auto setting of ISO speed
 - Even if ISO speed range is altered with [ISO speed settings], the setting is not effective for the normal ISO speed range.
 - [ISO speed settings] is effective to set the maximum ISO speed for the ISO expansion.
- Manual setting of ISO speed
 - Normal ISO speed range and Maximum ISO speed with the ISO expansion can be manually set within the range set with [ISO speed settings].
- If Highlight tone priority is set, "Full HD: ISO 200–25600" and "4K: ISO 200–12800" will take effect.
- Expanded ISO speeds: Full HD: H (ISO 32000 equivalent), H1 (ISO 51200 equivalent), 4K: H (ISO 16000/20000/25600/32000 equivalent), H1 (ISO 51200 equivalent). Note that L (ISO 50) cannot be set.
- The expanded ISO speeds are only "equivalent" ISO speeds.
- For HDR movie shooting, an expanded ISO speed cannot be set. The maximum will be ISO 25600.

Exposure Control

Shooting Mode	Exposure Control	Shutter Speed (sec.)		Aperture	
		Auto Setting	Manual Setting	Auto Setting	Manual Setting
P, B	Program AE for movie shooting	Yes	—	Yes	—
Tv	Movie shutter-priority AE	—	Yes	Yes	—
Av	Movie aperture-priority AE	Yes	—	—	Yes
M	Movie manual exposure	—	Yes	—	Yes

Focusing	(1) Dual Pixel CMOS AF (2) Manual focus *Magnify the image by 5x or 10x and focus manually (not possible during movie shooting).
Exposure Compensation	Up to ±3 stops in 1/3- or 1/2-stop increments

LCD Monitor	
Type	TFT color, liquid-crystal monitor
Monitor Size	3.2-inch (Screen aspect ratio of 3:2) 3.19 in./8.10cm diagonal (2.65 in./6.74cm width, 1.77 in./4.49cm height)
Pixels	Approx. 1.62 million dots
Coverage	Approx. 100% Viewing angle: 170° vertically and horizontally
Brightness Control	<ul style="list-style-type: none"> • Automatic • Manually adjustable to one of seven brightness levels
Coating	Clear View LCD II <ul style="list-style-type: none"> • Anti-smudge coating • Anti-reflection coating
Interface Languages	25 (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)
Tilt Display	
On LCD Monitor	Electronic level indicates up to 360° roll and ±10° pitch in 1° increments. <ul style="list-style-type: none"> • Precision has a margin of error of up to 1° for ±10°, and up to 3° for ±45°.
In Viewfinder	Electronic level indicates up to 7.5° roll left/right and ±4° pitch in 1° increments. <ul style="list-style-type: none"> • Precision has a margin of error of up to 1° for ±10°, and up to 3° for ±45°.
Playback	
Display Format	<p>Single image display:</p> <ul style="list-style-type: none"> • No information display • Basic information display • Detailed shooting information display <p>Basic shooting information Lens/histogram information White balance information Picture Style information 1 Picture Style information 2 Color space/noise reduction information Lens aberration correction information 1 Lens aberration correction information 2 GPS information IPTC information (First for EOS)</p> <p>Index display:</p> <ul style="list-style-type: none"> • 4-image index • 9-image index • 36-image index • 100-image index
Highlight Alert	With single-image display (Info.) and single-image display, the white areas with no image data will blink.
Quick Control Function	
Items	Pressing the Quick Control button displays the Quick Control screen during viewfinder shooting, Live View shooting, movie shooting and playback.

Image Protection and Erase	
Protection	Erase protection can be applied or canceled for a single image (select image), all images in a folder or all images in the card.
Erase	Erase a single image (playback and erase image), selected images, all images in a folder or all images in a card.
Direct Printing	
Compatible Printers	Images can be sent via Wi-Fi® to a PictBridge-compatible (Wireless LAN) printer and printed.
Printable Images	(1) Individual images (2) Specify images by folder (3) Specify all images in card <ul style="list-style-type: none"> • RAW images and movies cannot be specified for printing.
DPOF: Digital Print Order Format	
DPOF	Compliant to DPOF Version 1.1
Direct Image Transfer	
Compatible Images	(1) JPEG images (2) RAW images (3) Movies
Customization	
Custom Functions	17 Custom Functions are settable.
Custom Controls	Functions can be assigned to the following buttons: <ul style="list-style-type: none"> • Shutter button halfway pressing • AF-ON button • AE lock button • Depth of field preview button • Lens AF stop button • Multi-function button • SET button • Main Dial • Quick Control Dial • Multi controller • AF area selection button
Camera User Settings	Current camera settings can be registered to C1, C2 and C3 on the Mode Dial.
My Menu Registration	<ul style="list-style-type: none"> • Up to six top-tier menu options and Custom Functions can be registered. • Up to five My Menu tabs can be added. <ul style="list-style-type: none"> ○ My Menu tab overall operations <ul style="list-style-type: none"> ■ Adding a tab ■ Deleting tabs in a batch ■ Deleting all tab items ■ Setting the menu display ○ My Menu tab detailed operations <ul style="list-style-type: none"> ■ Selecting a registered item ■ Sorting registered items ■ Deleting selected registered items ■ Deleting registered items in a batch ■ Deleting tabs ■ Changing a tab name (16 ASCII characters)

Interface	
USB Terminal	SuperSpeed USB (USB 3.0) <ul style="list-style-type: none"> • For computer communication • For WFT-E7 (Ver.2.0) connection • For Connect Station CS100 connection
Video Out Terminal	HDMI Type C (Resolution switches automatically), CEC compatible <ul style="list-style-type: none"> • Images can be displayed through the HDMI output and on LCD monitor at the same time. Images will not be displayed unless [NTSC] or [PAL] is properly set according to the video system of the TV set.
Power Source	
Battery	Battery Pack LP-E6N (or LP-E6) x 1 <ul style="list-style-type: none"> • With the AC Adapter + DC Coupler, AC power is possible. • When the Battery Grip BG-E20 is used, two battery packs (LP-E6N or LP-E6) can be installed.

Battery Life (Approx. Number of Shots)

Configuration	Shooting Method	Battery	Temperature	Possible Shots
Camera Body Only	Viewfinder shooting	LP-E6N	At 73°F/23°C	900
			At 32°F/0°C	850
	Live View shooting	LP-E6N	At 73°F/23°C	300
			At 32°F/0°C	280
With Battery Grip BG-E20	Viewfinder shooting	LP-E6N x 2	At 73°F/23°C	1800
			At 32°F/0°C	1700
	Live View shooting	LP-E6N x 2	At 73°F/23°C	600
			At 32°F/0°C	560

Based on CIPA testing standards.

Battery Check	Automatic battery check when the power switch is turned ON. Displayed in 6 levels. <ul style="list-style-type: none"> • Battery level displayed on the LCD panel and in the viewfinder. • One of six levels displayed for LP-E6N and LP-E6. The display for other power sources is different.
Power Saving	Power turns off after the set time (1, 2, 4, 8, 15 or 30 min.) of non-operation elapses. <ul style="list-style-type: none"> • Even when you set the date, time or zone and 1, 2 or 4 min. is set, it will take 6 min. for auto power off to take effect.
Date/Time Battery	Built-in secondary battery When fully-charged, the date/time can be maintained for approx. 3 months <ul style="list-style-type: none"> • Recharge time: approx. 8 hr. <ul style="list-style-type: none"> ◦ The recharge time required to provide the above number of months with no battery pack installed.
Start-up Time	Approx. 0.96 sec. <ul style="list-style-type: none"> • Based on CIPA testing standards.
Dimensions and Weight	
Dimensions (W x H x D)	Approx. 5.93 x 4.58 x 2.99 in. / 150.7 x 116.4 x 75.9mm
Weight	Approx. 31.39 oz. / 890g (Including battery, CF card and SD memory card) Approx. 28.22 oz. / 800g (Body only; without battery, card, body cap and eyecup)
Operating Environment	
Working Temperature Range	32-104°F / 0-40°C
Working Humidity Range	85% or less