



Specifications Version 1.0

Type of Viewing Dev	ice			
Туре	Compact telephoto digital monocula	r		
Imaging Processor	DIGIC 8			
Image Sensor				
Туре	CMOS sensor, 1/3-inch type^ (sensor aspect ratio: 4:3) ^ The center portion of a 1/2.3-inch type CMOS sensor is used.			
Pixels	Effective Pixels: 12.1 Megapixels Total Pixels: Approx. 12.1 Megapixels *Rounded to the nearest 100,000.			
Self-cleaning Sensor	Not provided.			
Lens				
Focal Length	Optical 4x lens that switches between two focal lengths. • Telephoto side: approx. 100mm – 35mm equivalent (13.8mm) • Super-tele side: approx. 400mm – 35mm equivalent (55.5mm) • Digital Zoom: approx. 800mm – 35mm equivalent (2x digital) *Focal length can be checked through the viewfinder.			
Lens Configuration	11 elements in 8 groups *Aspherical lens, extra-low dispersion lens not included * Front lens surface has a cover glass (Not included in the lens construction)			
Digital Zoom	Enables approx. 2x magnification			
Step Zoom	 Switches among focal lengths in the following order, as controlled with the <zoom> button:</zoom> Equivalent to approx. 100mm (optical) -> equivalent to approx. 400mm (optical) -> equivalent to approx 800mm (digital). 			
		Still Photo Shooting	Movie Recording	
Telephoto Magnification	Equivalent to approx. 100mm	Approx. 1.2x	Approx. 1.2x	
relephoto magnification	Equivalent to approx. 400mm	Approx. 4.8x	Approx. 4.8x	
	Equivalent to approx. 800mm	Approx. 9.6x	Approx. 9.6x	
Field of View	• 100mm: 102' @ 100 yd / 31 m @ 100 m • 400mm: 25.7' @ 100 yd / 7.8 m @ 100 m • 800mm: 12.9' @ 100 yd / 3.9 m @ 100 m			
Focusing Range	 Wide-angle: Approx. 3.28 ft Infinity / 1m - Infinity. Telephoto: Approx. 14.76 ft Infinity / 4.5m - Infinity. * Macro functionality not provided. Measure from the tip of the lens barrel. 			
Aperture Number	Wide-angle side: f/5.6 Telephoto side: f/6.3 * No aperture control.			
Autofocus System	TTL Autofocus			
AF Method	Face+Tracking 1-point AF *Fixed at the center of the screen for 1-point AF.			

Image Stabilization				
Image Stabilization Features	Lens shift system * 4-axis correction (Yaw/Pitch/X/Y) * Image stabilization cannot be deactivated.			
Powered IS	Supported.			
Dual Sensing IS	Supported.			
Viewfinder & Monito)r			
Viewfinder	Electronic Viewfinder (Approx. 2.36 million dots)			
Screen Size	0.39 inch-type			
Eyepoint	Approx. 22mm (at -1m ⁻¹ from eyepiece lens end)			
Dioptric Adjustment	Approx3 to +1m ⁻¹ (dpf)			
LCD Pixels	Approx. 1.04 million dots			
LCD Coverage	Approx. 100%			
Recording Media				
Recording Media Type	microSD / microSDHC /microSDXC memory card *SD speed class compatible. * UHS speed class compatible. * UHS-I compatible.			
Card Access Indicator	Lamp lights up / blinks.			
Read Error Warning	The error warnings are displayed in the viewfinder, and the shutter release locks.			
Card Formatting	Low-level formatting. * Logical formatting not available.			
Recording System ¹				
Image Recording Format	Compliant to Design rule for Camera File system 2.0 and Exif. 2.31 * Supports time difference information.			
Image Type / Extension	Image Type Extension Still photos JPEG JPG Movies MP4 MP4 * RAW / C-RAW / HEIF shooting are not supported.			
File Number	Auto reset * When you replace the card, the numbering will be reset to start from 0001. If the new card already contains images, the number will continue from the last recorded image in the card. * Continuous numbering and manual resetting are not available.			
Still Photo Recording ¹				
Image Quality / Recorded Pixels	Image Quality Recorded pixels JPEG Large / Fine 12.0 megapixels (4000 x 3000) * Image quality adjustment not available. * Lower image quality when equivalent to approx. 800mm, due to digital cropping.			
Aspect Ratio	Fixed at 4:3 and not adjustable.			

Image File Size / Number of Possible Shots / Maximum Burst Exposure Composition		apply to a 64 GB card con	forming to Canon testing standar	
Drive Mode Single Shooting, Continuous Shooting				
Movie Recording ¹				
Movie Recording Format	Video	MP4 4 / MPEG-4 AVC e (averaged) bit rate		
	Audio MPEG-	4 AAC-LC (stereo)		
Recording Size / Compression Method	Full HD: 1920x1080 / Standard (IPB) * Movie recording size adjustment not available.			
Frame Rate	When set to NTSC: 29.97 / 23.98 fps	S		
Movie Bit Rate	Approx. 30 Mbps * Video only, not including audio.			
File Size	Approx. 217 MB/min.			
Maximum Recording Time	9 min. 59 sec. * Movie recording is not possible during Wi-Fi connection			
Total Cumulative	8 GB Ap	pprox. 35 min.		
Recording Time Available		ox. 2 hr. 33 min.		
	128 GB Appr	rox. 9 hr. 38 min		
	Card	Format	Maximum File Size	
Maximum File Size	microSD	FAT12/16	Max. 2 GB	
	microSDHC microSDXC	FAT32 exFAT	Max. 4 GB Unlimited	
Card Performance Requirements (movie recording)	Micro SD card with SD Speed Class 6 or higher			
Color Sampling Method	YCbCr 4:2:0 (8 bit)			
Video Range	Full range (0-255)			
Recording Microphone	Built-in stereo microphone * External microphone IN terminal not provided.			
HDMI Output	Not supported * HDMI OUT terminal not provided.			
White Balance				
Mode	Auto (White balance presets not provided.)			
White Balance Shift	Not supported.			
White Balance Bracketing	Not supported.			

Flash			
Built-in Flash	Not provided.		
External Flash	Not supported.		
Playback			
Playback Methods	 Playback in the camera's electronic viewfinder. Playback on a smartphone (requires Camera Connect app (Remote control from app is not available for video). Playback on a computer (requires compatible software). 		
Display Conditions	Still photos: Images saved in Design rule for Camera File system format. Movies: Movie files in MP4 format * May not support playback of images from cameras other than Zoom.		
Playback Functions	Playback - Skip backwards (approx. 4 sec.) - Previous frame - Next frame - Skip forward (approx. 4 sec.) * slow motion, editing out first and last scenes, and volume adjustment are not available.		
Shooting Information Display	Basic information display * Display without information and detailed information display are not available.		
Erasing Images	Select and erase images / All images on card.		
Image Processing A	fter Shooting		
Print Order (DPOF)	Not supported		
Direct Printing (PictBridge)	Wireless connections: Not supported Wired Connections: Not supported		
Menu Function			
Display Device	Shown in the electornic viewfinder		
Description	Shooting settings Playback settings Wireless communication settings Function settings		
Display Languages	31 languages are available. English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Ukrainian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Turksih, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Malay, Indonesian, Persian, Hewbrew, and Japanese.		
Firmware Updates	Provided. * Firmware can be updated using Camera Connect (transferring firmware from Camera Connect to the camera).		
External Interface			
Terminal Type	USB Type-C		
Applications	For charging the built-in battery and supplying the power to the camera. * Recognized as a USB device when connected to a computer, and images on the memory card in the Zoom camera can be browsed and imported (transfer speed equivalent to Hi-Speed USB (USB 2.0)).		

HDMI OUT Terminal	Not Provided.						
Date / Time Function	ı						
Time Zone Setting (World Time)	Honolulu, Anchorage, Los Angeles, Denver, Chicago, New York, Caracas, Newfoundland, Sao Paulo, Fernando de Noronha, Azores, London, Paris, Cairo, Moscow, Tehran, Dubai, Kabul, Karachi Delhi, Kathmandu, Dacca, Yangon, Bangkok, Hong Kong, Tokyo/Seoul, Adelaide, Sydney, Solomon Islands, Wellington, Chatham Islands, Samoa.						
Time Difference Setting	Provided (15 minute incr	ements).					
Date / Time Back-up Battery	Same as battery that por	wers the came	era.				
Power Supply							
Power Source	Built-in rechargeable lithium-ion battery. Rated Voltage: 3.6 V Capacity: 800 mAh						
				Came	ra Status		
	USB Type				Power tur	rned On	
	(Connection type)	Power Turned Off	Shooting	Menu Display	Playback	During Wi-Fi Connection	Computer Connection
Charging / Powering Specifications	18 W (9 V / 2 A) or more	Charging	Suppying power to the camera	Supp	olying powe	r to the camera	a + Charging
	5 V / 3 A						
	5 V / 1.5 A 5 V / 0.5 A						
	* During Wi-Fi connectionc, excluding remote shooting. * To avoid overheating, shooting may stop sooner when connected to a power supply during shooting.						
	 Commercially available USB Type-C devices that meet the specification requirements in charging /powering section.* ANKER PowerPort III Nano Charger (included) USB Power Adapter PD-E1 (Sold separately) 						
Compatible Device	Additional Third-Party Power Supplies*: • Anker PowerPort Atom PD1 (Charging adapter) • Anker PowerCore Slim 10000 PD (Mobile Battery) * Canon makes no representations or warranties with respect to any third party accessory or product mentioned.						
Charging Temperature	Approx. 41-104°F / 5-40)°C					
	Status		Lamp				
Charging / Power	Accessing to the files		Green / Lit				
Supply Display	Wi-Fi Connection establish USB Charging		een/ Blinking Orange / Lit				
	Viewfinder off Warning		een / Blinking				
	Error	Gr	een / Blinking				
	Charging Device	Chargin	g Time for bu	ilt-in Battery	,		
Chausing Time	PD-E1	1 hr. 50 min.					
	* To fully recharge a completely depleted battery (unless over-discharge; details conform to Canon testing standards).						
Charging Time	* Charging time varies depending on remaining battery level and ambient temperature.						
	 For safety, charging takes longer in colder environments (41-50°F / 5-10°C). Charging time when connected to devices other than PD-E1 varies by device and is beyond the scope of this technical information. 						
Number of Shots Availabe	Approx. 150 shots * Based on CIPA standards,	at 73°F / 23°C					

Movie Recording	Approx. 1 hr. 10 min. * With a fully charged battery, at room temperatue 73°F / 23°C			
Playback Time	Approx 2 hrs. * With a fully charged battery, at room temperatue 73°F / 23°C			
Start-up Time	Approx. 0.7 sec. * Based on CIPA testing standards.			
Power-saving Functions	Feature Auto Power Off Viewfinder Off	Time Options 15 sec. / 30 sec. / 1 min. / 3 min. 3 min. / Disable		
Physical Specificati	ons			
Operating Temperature	32–104°F / 0–40°C			
Operating Humidity	10–90%			
Dimensions (W x H x D)	Approx. 1.31 x 2.00 x 4.06 in. / 33.4 x 50.8 x 103.2mm			
Weight	Approx. 5.12 oz. / 145g (including memory card) Approx. 5.08 oz. / 144g (camera body only)			
Connectivity				
Mobile Connectivity	Built-in Wi-Fi ^{®,3} and Bluetooth ^{®,4} Technology.			
App Functionality	Remote LiveView shooting and photo & video downloads with the free Canon Camera Connect App ² .			

Dislcaimers

Specifications are subject to change without notice.

- 1. Photo shooting and video recording functionality available only when compatible microSD is inserted in the ZOOM.
- $2. \ \ Remote control functionality supported only with firmware version 1.1.0 or later.$
- 3. Compatible with iOS® versions 12.4/13.7, Android™ smartphone and tablet versions 6.0/7.0/7.1/8.0/8.1/9.0/10. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.
- 4. Compatible with select smartphone and tablet devices (Android™ version 5.0 or later and the following iOS® devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen.or later) equipped with Bluetooth® version 4.1 or later and the Camera Connect App Ver. 2.7.10. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.