PowerShot V10

DESIGNED FOR VLOGGING

Designed for entry-level vloggers, PowerShot V10 is an all-in-one 4K vlogging camera that fits easily in the pocket.

- Pocket-perfect all-in-one
- Wow your subscribers with engaging content
- Sound simply superb
- Connect with confidence
- Livestream with ease

211 G

4K UHD

19 mm WIDE

Large Stereo **Microphone**

Wi-Fi Bluetooth®

MOVIE DIGITAL IMAGE STABILIZER

PRODUCT RANGE

EOS M50 Mark II

EOS R50
EOS M50 Mark II
PowerShot G7 X Mark III
PowerShot V10

PowerShot G7 X Mark III

PowerShot V10

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TECHNICAL SPECIFICATIONS

PowerShot V10

IMAGE SENSOR	
Type	High-sensitivity CMOS sensor (back-illuminated)
Effective Sensor Size	1.0 inch
Effective Pixels	Approx. 13.1 megapixels (During Full HD 16:9 Movie recording) Approx. 15.2 megapixels (During Still photo shooting)
Total Pixels	Approx. 20.9 megapixels
Colour Filter Type	RGB primary colour filters
IMAGE PROCESSOR	
Type	DIGIC X
LENS	
Focal Length	6.6 mm (Approx. 19 mm equivalent, 35mm format equivalent; During Full HD, 16:9 Movie recording) 6.6 mm (Approx. 18 mm equivalent, 35mm format equivalent; During Still photo shooting)
Zoom	Digital Zoom (Off / 1.5× / 2.0× / 3.0×) [1]
Maximum Aperture	f/2.8
Angle of View (Horzntl, Vertl, Diagnl)	97.5° (During Full HD, 16:9 Movie recording) 100.2° (During Still photo shooting)
Construction	8 elements in 7 groups (including 3 Aspherical lenses and ND filter equivalent to 3 stops)
Image Stabilisation	Digital only (Off/On/Enhanced)
FOCUSING	
Type	Contrast detection
AF Operation (Stills)	One-Shot AF
AF Operation (Movie)	Movie Servo AF
AF System/Points	Approx. 100% vertical and horizontal coverage
AF Modes	Face tracking AF, Specified frame AF [2]
AF Point Selection	Subjects to track are specified by tapping
AF Lock	Tap to start/stop AF [3]
Closest Focusing Distance	0.05 m
EXPOSURE CONTROL	
Metering Modes	Evaluative metering with 384-zone (24×16) metering using the image sensor
Exposure Compensation	Manual exposure movie mode ±3 stops (in 1/3-stop increments)
ISO Sensitivity	Auto ISO range for Movies: - Full HD ISO 125–6400 (in 1/3-stop increments) - 4K ISO 125–3200 (in 1/3-stop increments) Manual ISO range for manual exposure Movies: - Full HD ISO 125–6400 (in 1/3-stop increments) - 4K ISO 125–3200 (in 1/3-stop increments) Auto ISO range for still photos: ISO 125–12800 (in 1/3-stop increments)
SHUTTER	
Speed	Movies: 1/4000 to 1/8 sec. (in 1/3-stop increments) * Varies depending on the movie recording mode or frame rate. Still photos: 1/2000 to 1.0 sec. (in 1/3-stop increments) * Varies depending on the scene.
WHITE BALANCE	
Type	Auto white balance with the imaging sensor
Settings	AWB (Ambience priority/White priority), Daylight, Shade, Cloudy (Effective also in twilight and sunset), Tungsten light, White Fluorescent light, Colour Temperature White balance shift (Adjustable in [Colour tone] in compatible modes.): 1. Blue/Amber +/-9 2. Magenta/Green +/-9

VIEWFINDER	N/A
LCD MONITOR	
Type	Approx. 460,000 dots 2.0-inch (aspect ratio of 3:2) TFT colour, liquid-crystal monitor
Coverage	Approx. 100% vertically and horizontally
Brightness Adjustment	Manually adjustable in a range of 1–5
Touch-Screen Operations	Tap-based subject selection / Touch Shutter (Disable / Enable) / Menu setting touch control / Quick Control touch control
Display Options	Tilt Approx. 180° upward
FLASH	N/A
SHOOTING	
Modes	Still photo shooting: Auto photo (equivalent to Scene Intelligent Auto/A+) Movie recording: • Auto movie • Smooth skin movie [4] • Movie IS mode [5] • Manual exposure movie
Picture Styles	14 colour filters: For outdoors on a fine day, such as a cafe scene with shade and shadows: - StoryTeal&Orange: Shifts colours toward teal/orange overall and creates cinematic shadows. - StoryMagenta: Shifts colours toward magenta overall and creates cinematic shadows. - StoryBlue: Shifts colours toward blue overall and creates cinematic shadows. - PaleTeal&Orange: Teal/orange overall, tinged with bluish-white. For Urban scenes and landscape with sky: - RetroGreen: Applies a nostalgic effect, from a greenish tint. - Sepiatone: Applies an effect that is sepia-toned overall. - AccentRed: Applies an effect that mutes all colours except reds. For warm food and sweets: - TastyWarm: Applies an effect with an amber tint and increased saturation, for appetizing food photography of dishes that are golden brown or served warm. - TastyCool: Applies an effect with a whitish tint and increased saturation, for appetizing food photography of sweets or other vibrant dishes. For indoors with indirect lighting and night walking scenes: - BrightAmber: Shifts scenes toward amber overall while brightening dark, indirectly lit or candlelit scenes. - BrightWhite: Shifts scenes toward white overall while brightening dark, indirectly lit or candlelit scenes. Bright night cityscape and indoor spaces with sunbeams: - ClearLightBlue: Shifts scenes toward blue overall, while lowering contrast and brightening shadows to create a sense of clarity. - ClearPurple: Shifts scenes toward purple overall, while lowering contrast and brightening shadows to create a sense of clarity. - ClearAmber: Shifts scenes toward amber overall, while lowering contrast and brightening shadows to create a sense of clarity.
Drive Modes	Single shooting / Self-timer: 10 sec. / Self-timer: 2 sec.

TECHNICAL SPECIFICATIONS

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FILE TYPES	
Still Image Type	JPEG: 8-bit (Compliant with Design rule for Camera File system 2.0 and Exif 2.31)
Movie Type	MP4: 8-bit (H.264 / MPEG-4 AVC IPB Standard / IPB Light including AAC compressed audio)

RECORDING PIXELS / COMPRESSION	
Image Size	3:2 - (L) 5472 x 3648, (M) 3648 x 2432, (S1) 2736 x 1824, (S2) 2400 x 1600 4:3 - (L) 4864 x 3648, (M) 3248 x 2432, (S1) 2432 x 1824, (S2) 2112 x 1600 16:9 - (L) 5472 x 3072, (M) 3648 x 2048, (S1) 2736 x 1536, (S2) 2400 x 1344 1:1 - (L) 3648 x 3648, (M) 2432 x 2432, (S1) 1824 x 1824, (S2) 1600 x 1600 [6]
Movie Size	4K UHD (16:9) 3840 x 2160 (29.97, 25, 23.98fps) inter frame (IPB) / (IPB Light) Full HD (16:9) 1920 x 1080 (59.94, 50, 29.97, 25fps) inter frame (IPB) / (IPB Light)	(25, 23.98fps) inter frame (IPB)
Movie Length	Max movie continuous recording time available 1 hour. [7] Smooth Skin Movie mode (4K): max 5 min. No 4GB file limit with exFAT formatted SD card.
Bitrate/Mbps [8]	4K (29.97p/25.00p/23.98p): IPB Approx. 120 Mbps 4K (29.97p/25.00p/23.98p): IPB (Light) Approx. 60 Mbps Full HD (59.94p/50.00p): IPB Approx. 60 Mbps Full HD (59.94p/50.00p): IPB (Light) Approx. 35 Mbps Full HD (29.97p/25.00p): IPB Approx. 30 Mbps Full HD (29.97p/25.00p): IPB (Light) Approx. 12 Mbps Full HD (23.98p): IPB Approx. 30 Mbps
Microphone	Built-in stereo microphone (48 KHz, 16-bit x 2 channels) 3.5 mm external microphone input (Input impedance 2.2 kΩ, Standard input level –63 dBV, Maximum input level –23 dBV)
Speaker	Built-in monaural speaker (Movie playback volume: 0 (silent) to 10)
HDMI Display	Output to external monitor only (output of images/video and shooting information, images/video are recorded to the card)
HDMI Output	Camera screen and External Monitor output (no recording to the card, camera screen shows images/video with shooting information): Auto / 1080p Uncompressed YCbCr 4:2:0, 8-bit, supporting BT.709, when connected to compatible monitors. Simultaneous display on the screen and over HDMI is not supported when [Smooth skin movie] is selected.
Focusing	Continuous Contrast detection Autofocus AF operation: Movie Servo AF AF method: Face tracking AF / Specified frame AF AF lock: Tap to start/stop AF Manual focus (MF): Not supported
ISO	Auto ISO range for Movies: - Full HD ISO 125–6400 (in 1/3-stop increments) - 4K ISO 125–3200 (in 1/3-stop increments) Manual ISO range for manual exposure Movies: - Full HD ISO 125–6400 (in 1/3-stop increments) - 4K ISO 125–3200 (in 1/3-stop increments) Auto ISO range for still photos: ISO 125–12800 (in 1/3-stop increments)

OTHER FEATURES	
GPS	GPS via Mobile (linked to a compatible smartphone)
Intelligent Orientation Sensor	Yes
Histogram	Yes (Brightness in playback mode)
Self Timer	Approx. 2, 10 s
Menu Languages	English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Ukrainian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Malay, Indonesian, Persian, Hebrew, and Japanese

CONNECTIVITY	
Wired Connectivity	High Speed USB (USB 2.0 equivalent) USB Type-C connector also used for computer communication / USB charge or power.
Wireless Connectivity	Wireless LAN (IEEE802.11b/g/n) (2.4 GHz) 32, with Bluetooth 4.2 support Features supported - Smartphone, Upload to image.canon, Live Streaming [9]
Apps	Canon Camera Connect app (iOS/Android)
Other	HDMI Micro out (Type D, HDMI-CEC not supported) External Microphone In (3.5mm Stereo mini jack) USB Type-C connector with UVC/UAC compatibility [10]

DIRECT PRINT	
PictBridge	Not supported
Canon Printers	Not supported

STORAGE	
Type	microSD/microSDHC/microSDXC and UHS-I [11]

SOFTWARE	
Other	Canon Camera Connect app (iOS/Android) image.canon app (iOS/Android)

POWER SOURCE	
Batteries	Built-in rechargeable lithium-ion battery
Battery Life	Number of possible shots: Approx. 290 4K Movie shooting time: Approx. 55 min. Full HD Movie shooting time: Approx. 1 hr. 20 min. 4K Playback time: Approx. 2 hr. 40 min. [12]
Battery Indicator	4-level indicator
Power Saving	Screen off: 30 sec. / 1 min. / 3 min. / 5 min. / Disable Auto power off: 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / Disable [13]
Power Supply & Battery Chargers	PD-E1 USB power adapter (The camera also supports both Type-C PD compatible and non-PD compatible chargers). [14]

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TECHNICAL SPECIFICATIONS

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BATTERY LIFE

Viewing Time	4K Playback time: Approx. 2 hr. 40 min.
Number of Possible Shots	Approx. 290
Movie Shooting Time	4K Movie shooting time: Approx. 55 min. Full HD Movie shooting time: Approx. 1 hr. 20 min.

ACCESSORIES

Soft Case / Waterproof Case	Soft case
Power Supply & Battery Chargers (Optional)	PD-E1 USB power adapter
Remote Controller/Switch	Wireless Remote Control BR-E1, Smartphone (Using Canon Camera Connect app)
Other	Stereo Microphone DM-E1 / DM-E100, Tripod grip HG-100TBR, Interface Cable IFC-100U, Interface Cable IFC-400U, Wrist Strap WS-800

PHYSICAL SPECIFICATIONS

Operating Environment	0 – 40 °C
Humidity Range	10%–90%
Water/Dust-Resistance	No
Tripod Mount	1/4 (ISO 1222)
Dimensions (WxHxD)	Approx. 63.4 × 90.0 × 34.3 mm
Weight	211 g

Footnotes:

[1] Cannot be combined with image stabilization or auto level.

[2] Specified frame AF is only available in Movie Recording mode.

[3] Only available in Movie recording mode. AF lock icon is displayed only in the detailed information screen.

[4] Stronger Smooth Skin effect will reduce the resolution of eyelashes, hair and other areas adjacent to the skin. In humid conditions, condensation may form inside the camera lens when shooting with the Smooth Skin Mode at 4K.

[5] Using Movie digital IS results in cropped movies. Cannot be combined with auto level, digital zoom or with Smooth skin mode.

[6] Because distortion correction is applied, the camera's effective pixel count may be lower than the image pixel count.

[7] If the camera's internal temperature becomes too high the recording time may reduce. Shooting 4K UHD 29.97p for approx. 20 minutes without heat limit is possible if starting from +23°C. In other modes (apart from Smooth skin Movie recording in 4K that is limited to 5 min.) there is no limit due to heat.

[8] Bit rate only applies to video output, not audio or metadata.

Movie recording stops when the maximum recording time per movie is reached.

No audio is recorded for approx. the last two frames with the compression method for movie recording quality set to IPB (Standard) or IPB (Light). Moreover, the video and sound may be slightly out of sync when movies are played back in Windows.

[9] Please be aware that live streaming platforms may change, stop, or terminate their service, at any time without notice. Please check with live streaming platforms for the latest requirements. Canon makes no representations or warranties with respect to any third-party product or service, including live streaming. Requires strong Wi-Fi or Mobile data connection. Live Streaming using mobile data may involve third-party fees. Stream quality depends on your upload speed, mobile data service, availability, coverage.

[10] USB Type-A power is not guaranteed. PD compliant USB port is required for powering the camera whilst using as a webcam.

[11] A microSDXC card with V30 speed class or better is required for best video shooting experience.

[12] With a fully charged new battery at +23°C.

[13] Power saving functions disabled while connected via USB.

[14] USB Type-A charging is not guaranteed.

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Designed for entry-level vloggers, PowerShot V10 is an
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Sales Start Date: June 2023 (TBC)

PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code
PowerShot V10 SL Vlogging Kit EU26	5946C009AA	8714574676951
PowerShot V10 BK Vlogging Kit EU26	5947C008AA	8714574677002
PowerShot V10 SL Advanced Vlogging Kit EU26	5946C005AA	8714574676913
PowerShot V10 BK Advanced Vlogging Kit EU26	5947C006AA	8714574676982
PowerShot V10 BK Vlogging Kit EU26	5947C007AA	8714574676999

OPTIONAL ACCESSORIES:

Product Name	Mercury Code	EAN Code
[NEW] Camera Cage Black	4263V558	N/A
[NEW] Mini Windshields	4263V559	N/A
[NEW] Lens Cap Black	4263V560	N/A
[NEW] Textile Case Black	4263V561	N/A
Directional Stereo Microphone DM-E1	1429C001AA	4549292065732
Wireless remote-control BR-E1	2140C001AA	4549292087864
Interface Cable IFC-100U 2.0	3224C001AA	4549292124200
USB Power Adapter PD-E1 (European plug)	3250C003AA	4549292125412
USB Power Adapter PD-E1 (UK plug)	3250C006AA	8714574660158
Tripod Grip HG-100TBR	4157C001AA	4549292157956
Stereo Microphone DM-E100	4474C001AA	4549292164992

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MEASUREMENT / LOGISTIC INFORMATION:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Gross Weight (kg)
PowerShot V10 SL Vlogging Kit PowerShot V10 BK Vlogging Kit	5946C009AA 5947C008AA	EA	Each	1	29	15.8	11.8	0.677
		CT	Carton	12	58	36	36	8.96
		EP	Euro Pallet	144	120	80	121	120.51
			Layers per Pallet	3				
			Cartons per Layer	4				
			Products per Layer	48				
PowerShot V10 SL Advanced Vlogging Kit PowerShot V10 BK Advanced Vlogging Kit	5946C005AA 5947C006AA	EA	Each	1	29	15.8	11.8	0.795
		CT	Carton	12	58	36	36	10.375
		EP	Euro Pallet	144	120	80	121	139.50
			Layers per Pallet	3				
			Cartons per Layer	4				
			Products per Layer	48				
PowerShot V10 BK Vlogging Starter Kit	5947C007AA	EA	Each	1	29	15.8	11.8	0.685
		CT	Carton	12	58	36	36	9.055
		EP	Euro Pallet	144	120	80	121	123.66
			Layers per Pallet	3				
			Cartons per Layer	4				
			Products per Layer	48				

What's in the box?

PowerShot V10 Vlogging Kit

- Video Camera PowerShot V10 Silver / Black
- Interface Cable IFC-100U 2.0
- Wrist Strap WS-800
- User Manual Kit
- Mini Windshield
- Lens Cap Black
- Textile Case Black

PowerShot V10 Advanced Vlogging Kit

- Video Camera PowerShot V10 Silver / Black
- Interface Cable IFC-100U 2.0
- Wrist Strap WS-800
- User Manual Kit
- Camera Cage Black
- Mini Windshield
- Lens Cap Black
- Textile Case Black

PowerShot V10 Vlogging Starter Kit

- Video Camera PowerShot V10 Black
- Interface Cable IFC-100U 2.0
- Wrist Strap WS-800
- User Manual Kit
- Mini Windshield
- Lens Cap Black
- Textile Case Black
- MicroSDXC Card V30 UHS-1 64 GB

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