

PowerShot

Canon
Delighting You Always



PowerShot V1

**POWER
YOUR
VLOG**

「 BE A BETTER VERSION OF YOU 」



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DESIGNED FOR CONTENT CREATION,



ALL DAY, EVERYDAY.

Welcome the all new PowerShot V1. Built for durability, modernity and the vlogging age, this portable video-centric compact camera marries a smart, sophisticated timeless design with intuitive functionality to meet the photo and video needs of the modern content creator.





SIMPLE, ADVANCED, & INTUITIVE



Unique Grip

Shaped for a firm and natural grip with easy access to the video recording button while taking selfies, even when in front of the camera.

Windscreen

Record with minimised background noise – maximise audio quality even during windy situations.



Cooling Fan

Mounted on the left shoulder inside the body, the cooling fan efficiently dissipates heat for longer recording.



SIMPLE, ADVANCED, & INTUITIVE

Tally Lamp

Monitor the camera's status and recording status with the tally lamp that can be seen from the front and top.

Buttons & Lever

The power, shutter and movie shooting buttons are arranged and shaped for a clearer impression and easier reachability with one hand.

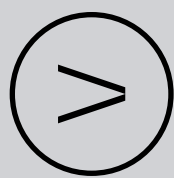
Still Image Shooting/Movie Shooting Switch

Swiftly switch between still image and movie recording modes in one touch.

Vari-Angle Touchscreen

Fully rotatable touchscreen LCD screen for greater viewing at any angle.





WIDEN YOUR HORIZONS

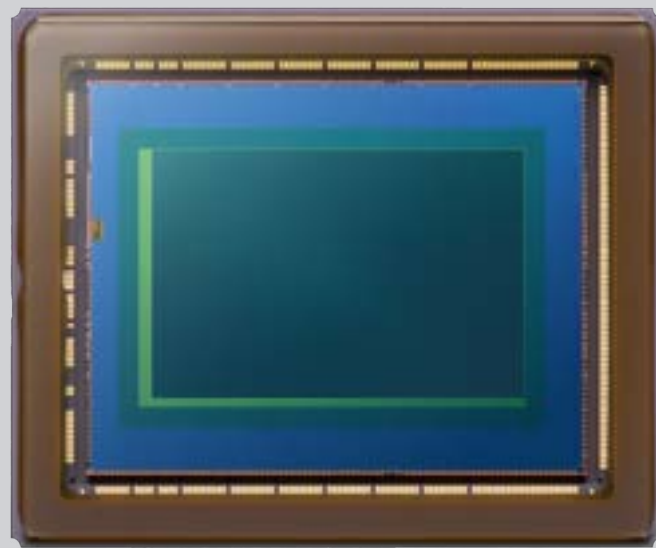


1.4-INCH CMOS SENSOR



A powerful combination of both the DIGIC X processor and 1.4-inch CMOS sensor allows the PowerShot V1 to deliver high quality imagery for both videos and still images.

Useful for low-light conditions, the PowerShot V1 can record videos at up to ISO 12800 (extended ISO 25600) for videos and up to ISO 32000 (extended ISO 51200) for stills.



Video Recording

APPROX.

18.7 effective megapixels

Still Images

APPROX.

22.3 effective megapixels

Full-Size

APS-C

Micro-Four Thirds

1.4-inch Sensor

1-inch Sensor

02 Image Processing

ULTRA-WIDE LENS



Capture more of your surroundings with the PowerShot V1’s integrated ultra-wide angle zoom lens. The 8.2–25.6mm f/2.8–4.5 zoom lens supports an angle of view equivalent to approx. 17–52mm* (35mm film format equivalent) during movie recording, and approx. 16–50mm* during still image capture. Wide-angle shooting can also be done during crop shooting and Movie digital IS.

Whether you are capturing scenery, close-ups of food or selfies with friends, the PowerShot V1 lets you effectively capture a wide range of scenes with just one lens, so you can travel light and vlog anywhere, conveniently.

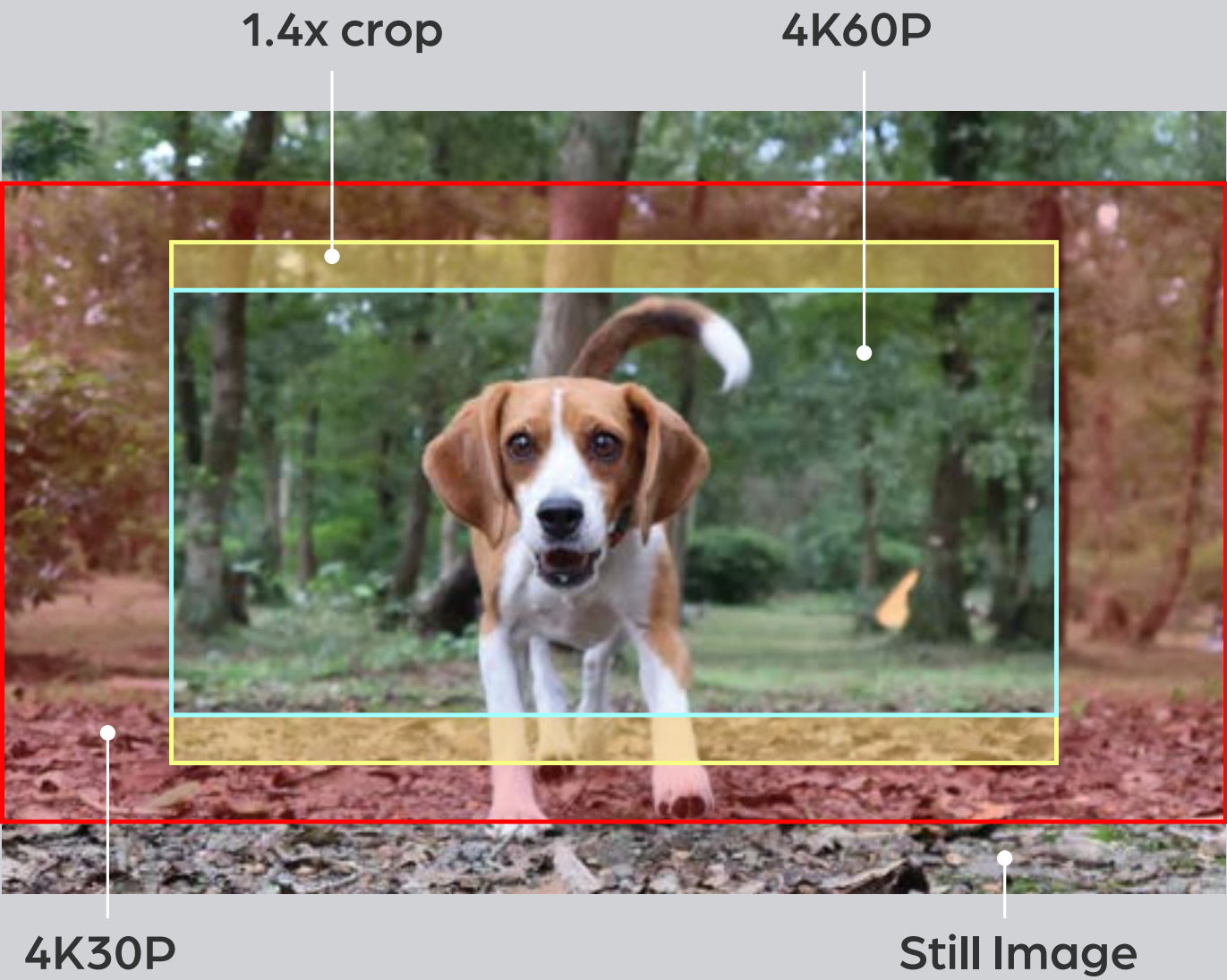
*Without 4K (Crop)



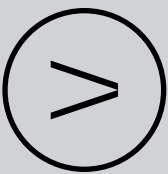


RECORD MORE DETAILS 4K

Meet higher-end video production needs with the PowerShot V1’s capability to record in 4K60P (approx. 1.4x cropped region), 4K30P (oversampled from 5.7k) and FHD (oversampled from 2.8k). These formats give your creations a more crisp look, especially when capturing textures.



COOLING FAN FOR ENHANCED THERMAL MANAGEMENT



A cooling fan, installed inside the body’s left shoulder, efficiently dissipates heat inside the camera while suppressing thermal shutdowns for longer recording times. The fan rotation speed varies according to the camera temperature.

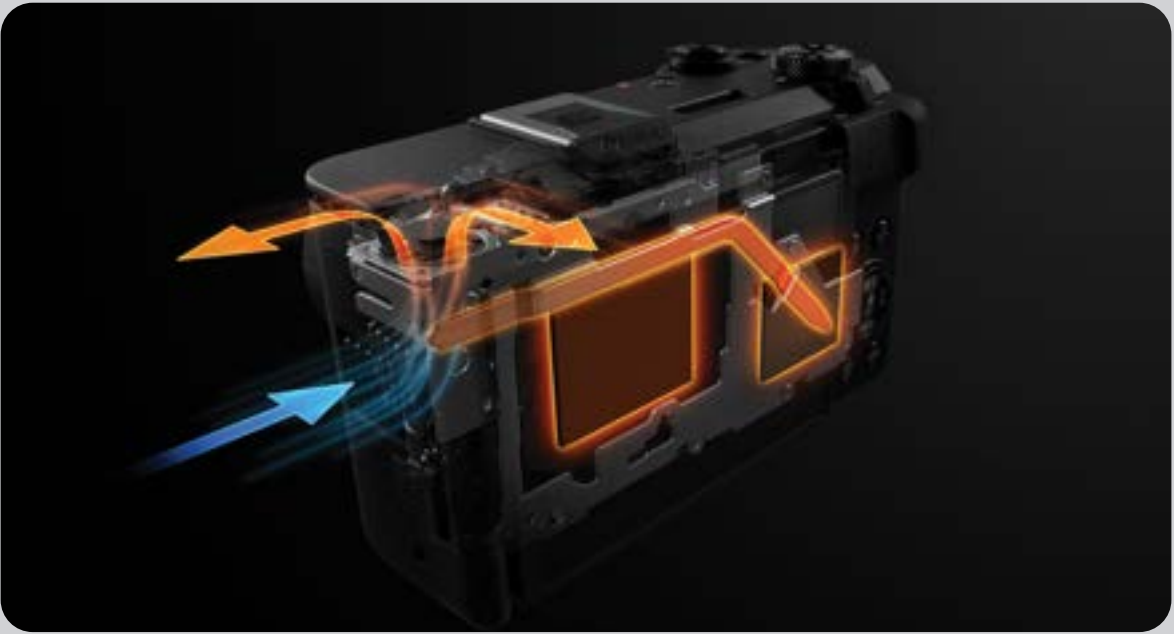
With the cooling fan turned on, enjoy uninterrupted recording at 4K30p, perfect for vlogs, interviews and events where you need to record longer, continuous footages.



TO SET THE COOLING FAN:

- 1 Select [Cooling fan settings] from the camera’s Menu screen.
- 2 Select [Fan] and choose between [Off], [On] or [Auto].
- 3 Tap on [Fan rotation speed] to adjust its intensity – [Low/Medium/High]

COOLING MECHANISM:



Heat generated within the camera is guided to the cooling fan area and then dissipated.



SWITCH UP YOUR CREATIVITY



STILL IMAGE/MOVIE SHOOTING SWITCH

At moments when a quick change from video to stills is needed, simply toggle the switch at the top of the PowerShot V1’s compact body to swap between modes.

Easy Changeover

Still \longleftrightarrow Video Shooting

MODE DIAL

Switch easily between shooting modes according to your scene. The PowerShot V1 mode dial consists of three function zones: easy shooting, applied shooting and custom shooting.



Easy Shooting Zone

Basic operations of recording and capturing.



Applied Photography Zone

Set desired shutter speed and aperture value, and change camera settings.



Custom Shooting Zone

Register or adjust to custom shooting modes (C1/C2/C3) when capturing still images or recording videos.

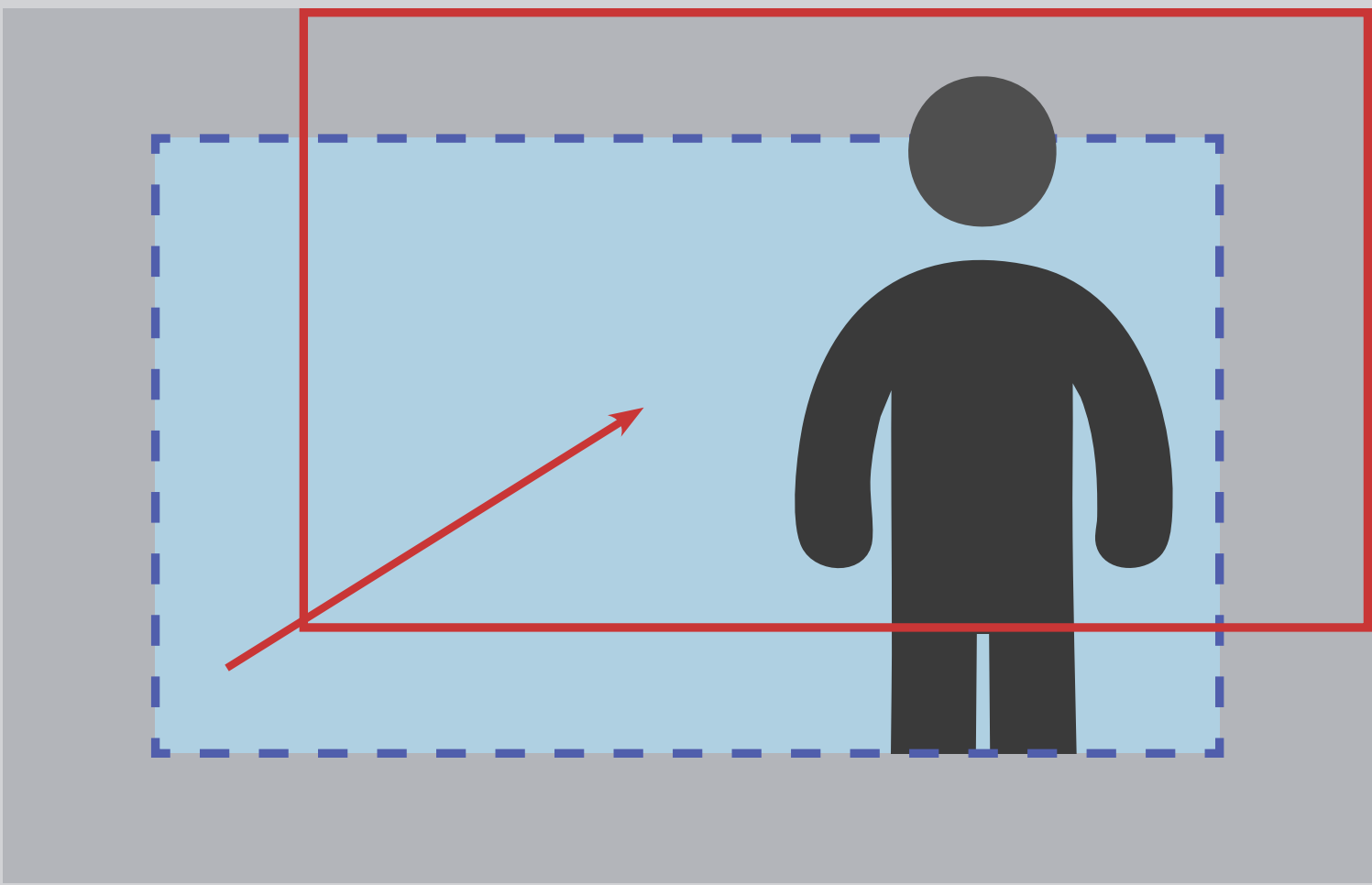
03 Video Capabilities

SUBJECT TRACKING IS



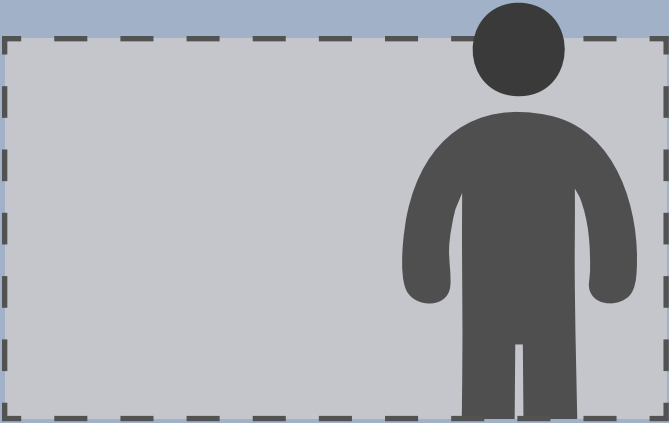
The PowerShot V1 is the first Canon PowerShot camera to feature Subject Tracking IS^{*1*2*3}. This intuitive function keeps your main subject constantly in-frame even when both the subject and photographer are moving.

It helps to stabilise the camera and suppress camera shakes when both of you are moving. Subject tracking and adjustments to the frame composition are done in the camera automatically.



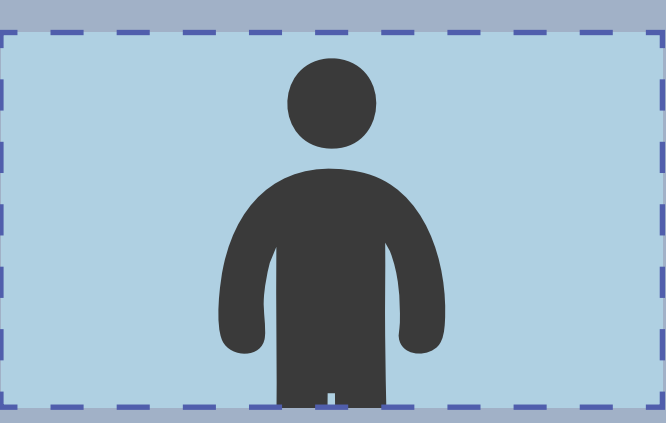
Subject Tracking IS recognises the subject and adjusts the cropping position according to the subject's position.

Conventional cameras:



Overall camera shake determines the cutout position (dotted line)

Subject Tracking IS:



Crop position is determined based on camera shake and subject's position.

*1 -When [Subject Tracking IS] is set, [Movie Electronic IS] and [Movie Auto Horizontal Compensation] are disabled.

*2 - Not available when shooting in 4K60p and [Smooth skin movie].

*3 - The angle of view will be narrower than the full angle of view.

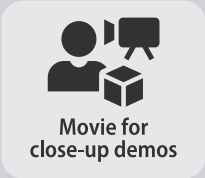
03 Video Capabilities



ENHANCE VIDEOS WITH VARIOUS MODES

There are boundless methods of creating content and that’s where creative expressions come into play. The PowerShot V1 has various movie shooting modes under [SCN] that could easily improve your creations.

MOVIE FOR CLOSE-UP DEMO



Ideal for content creators to introduce and showcase products (e.g. cosmetics, gadgets, food and more). During this mode, there is no need to have your hand behind the product for the camera to focus. The PowerShot V1 quickly, accurately and automatically switches focus from the face to the product based on whichever is closer to the camera.

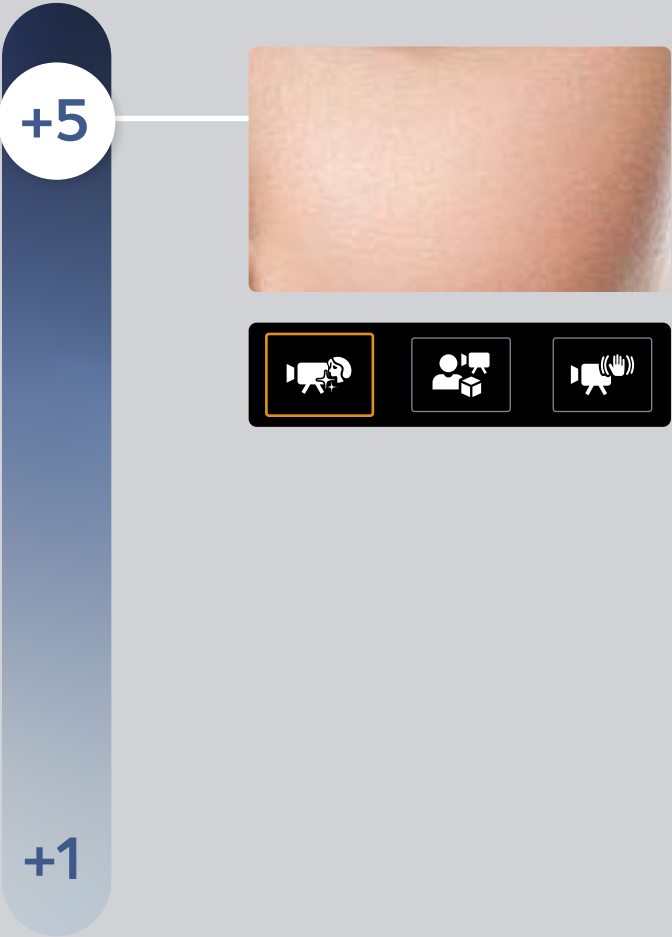


03 Video Capabilities

SMOOTH SKIN MOVIE



Showcase flawless skin in your content even when you're live streaming! This skin beautification effect^{*1*2} can be set in 5 different levels (+1/+2/+3/+4/+5) to reduce the noticeability of blemishes and pores through face detection. This feature is also supported for still image capture.



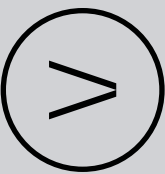
^{*1} – The smooth skin effect may not perform well on groups of people with different skin tones and without face detection.
^{*2} – Objects in shooting scene other than human skin may also be corrected.

MOVIE IS MODE

When recording vlogs on the go, camera shakes are often inevitable as you walk and record. By turning this mode on, the lens optical and electronic IS work together to suppress motion blur^{*1*2} for more stable footage.

^{*1} – Both Image Stabilizer (IS) and Auto Horizontal Compensation cannot be turned on and set at the same time.
^{*2} – The following modes are not available when recording in 4K60P and Smooth Skin Movie: Movie Electronic IS, Subject Tracking IS, and Movie Auto Horizontal Compensation.





DISCOVER GREATER EDITING FLEXIBILITIES

CANON LOG 3

Maximise the dynamic range while maintaining optimal exposure when shooting videos with Canon Log 3 and the built-in ND filter. It supports 4:2:2 10-bit log shooting which gives you the flexibility for a wide range of correction during post-production, even for high contrasting scenes. Cinema Gamut is also available on top of the BT.709/BT.2020 colour space, covering almost 100% of the visible range.



03 Video Capabilities

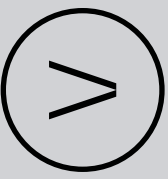
14 COLOUR FILTERS



Choose from 14 different colour filters that would best suit the mood you want to achieve in your videos. Each colour filter offers a unique tone that appeals to a range of scenarios such as outdoors, indoors, food and dim areas.

Ideal for bright outdoors, shaded buildings and to create cinematic shadows	StoryTeal&Orange, StoryMagenta, StoryBlue, PaleTeal&Orange
Ideal for urban scenes and to inject nostalgia	RetroGreen, Sepiatone, AccentRed
Ideal for culinary subjects and increasing saturation levels	TastyWarm, TastyCool
Ideal for indirect lighting, low-light conditions, night scenes and to create a brighter visual	BrightAmber, BrightWhite
Ideal for dark scenarios with some lighting and reducing contrast between dark and bright areas	ClearLightBlue, ClearPurple, ClearAmber

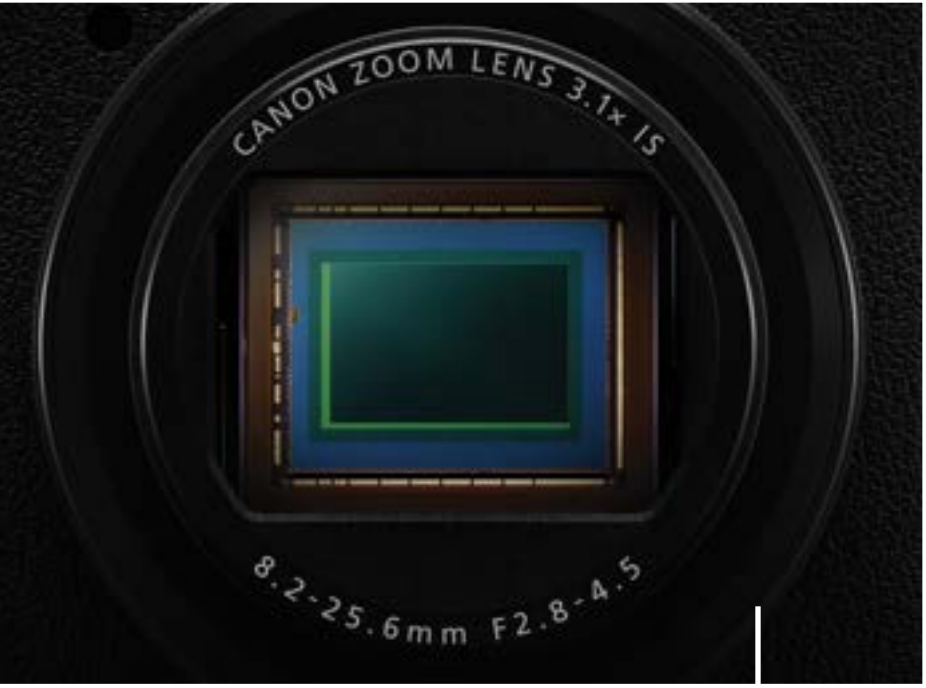




KEEP YOUR FOCUS LOCKED

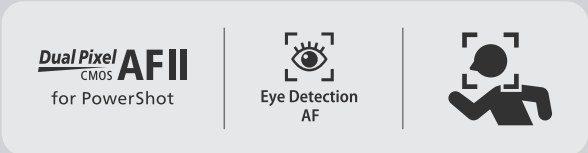
Fully focus on creating your content while the PowerShot V1 focuses on accurately detecting and tracking subjects.

Canon's Dual Pixel CMOS AF II for PowerShot system, offers precise autofocus capabilities through features such as subject detection and image stabilisation – all within a compact body.



04 Autofocus

AF PERFORMANCE



Equipped with Dual Pixel CMOS AF II for PowerShot, the PowerShot V1 has been given a significant boost in AF speed, subject detection and tracking performance for both video and stills compared to the PowerShot G7 X Mark III.

Through deep learning powered by advanced subject detection algorithms, easily track and lock focus on people and fast-moving subjects such as animals, even when their faces can't be seen.

The wide AF coverage across approximately 90% vertical x 90% horizontal of the image frame gives you more flexibility in composing your shots for moving subjects.



Eye Detection

Automatically focus on the subject when eyes^{*1} are spotted.

Subject Detection

Select between [Auto/People^{*2}/Animal Priority^{*3}] for automatic detection and tracking of your subjects so they stay sharp in your shots. Dogs and cats can be detected when turning on [Animal Priority].

*1 – Eye detection is available for human and animal (dog/cat).

*2 – "Face/head and torso" can be detected for people.

*3 – "Face and whole body" for dogs and cats.

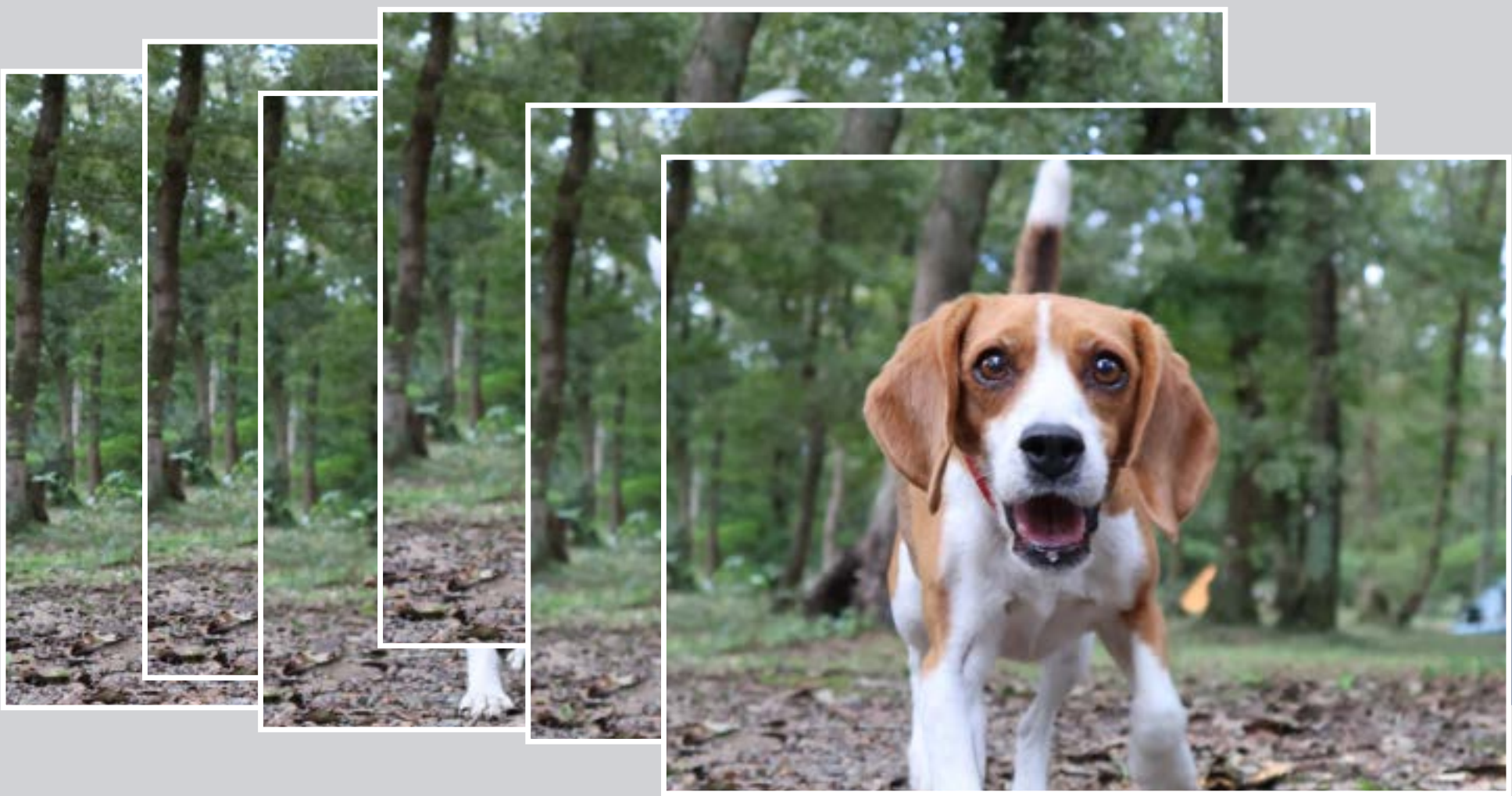


CONVEY YOUR CREATIONS THROUGH STILLS

The PowerShot V1 is not only a video content creation beast, it is also built for fuss-free crisp image capture.

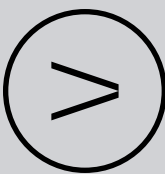
HIGH SPEED CONTINUOUS SHOOTING

Capture still images of fast-moving subjects without missing a beat. Set the PowerShot V1 in this mode to achieve continuous shooting at up to 30 frames per second while using the electronic shutter.



Up to
30
Frames
per sec

HIGH SPEED SHUTTER: ELECTRONIC & MECHANICAL SHUTTER



There are two types of shutter systems available in the PowerShot V1: electronic shutter and mechanical shutter.



Mechanical Shutter

The mechanical shutter achieves a maximum speed of 1/2,000 sec. It minimises motion distortion and allows you to capture fast moving scenarios such as sports, water splashes and quick animal movements.

Electronic Shutter

With a maximum shutter speed of 1/16,000 sec, the electronic shutter allows for wider range of aperture or ISO sensitivity to achieve impressive photos with evocative bokeh even in bright locations.

The electronic shutter is also useful for situations where silence is needed as you can capture your shots quietly* with no shutter sound.

*Other sounds than the shutter (e.g. aperture/ electronic noises) may occur.

Mechanical Shutter
1/2,000^{sec}

Electronic Shutter
1/16,000^{sec}

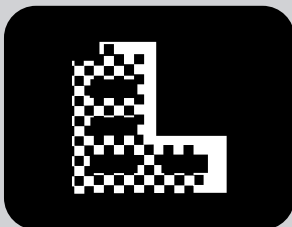


LEVEL UP YOUR CREATIVITY

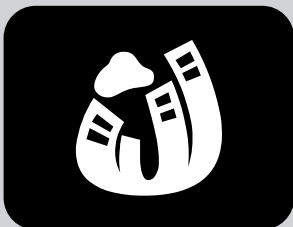
Give your photos a little twist, select a special effect, or simply enhance your photos with the PowerShot V1’s in-built set of creative functions and features.

CREATIVE FILTERS

With [Creative Filters], it offers you the option to express your creativity differently, depending on the kind of story you’d like to tell in a single image. These quirky effects include fisheye, toy camera, grainy B/W and more.



Grainy B/W



Fish-eye Effect



Toy Camera Effect

SCENE MODES

You could also turn your mode dial to [SCN] when capturing stills to discover which unique effects would suit your scene. There are various kinds of effects for any kind of scenario, such as Self Portrait, Smooth Skin, HDR Backlight Control, Food and more.



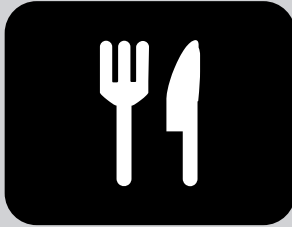
Self Portrait



Smooth Skin



HDR Backlight Control



Food

05 Still Image

ADVANCED A+

Useful during stills photography, setting the PowerShot V1 on [Advanced A+] can greatly assist you in creating beautiful scenes, especially for night scenes or backlit environments.

This feature allows the camera to recognise the scene and perform processing at a high-level by automatically changing the focus position and brightness within the camera.





REACH FOR LARGER AUDIENCES, ANYWHERE.

Say hello to your audience live in clear FHD 30p with the PowerShot V1.

By plugging in a single USB cable, the PowerShot V1 can be turned into a webcam for live streaming or video calling purposes. You can also go live wirelessly via Canon Camera Connect App with FHD 30p video and audio from the camera’s built-in microphone or an attached microphone accessory.



Canon Camera Connect
Android/ iPhone App (Free)

Pair your smartphone or tablet with the PowerShot V1 using the Canon Camera Connect App.

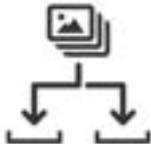
You can then transfer high quality video and image files wirelessly from the camera to your smart device for editing or uploading to social media while on the go.

SHARE FILES SEAMLESSLY

CANON CLOUD SERVICE “IMAGE.CANON”



Store Images Up to 30 Days
Upload and store images without worrying about capacity.



Sort Still Images Automatically
Create your own sorting rules and the still images uploaded will be organised accordingly.



Download Automatically to PC
Images uploaded directly from the camera to this application can be automatically downloaded into your PC.



Transfer Automatically to External Cloud Services
Automatically make transfers when this app is connected to Google Photos, Google Drive, Adobe Photoshop Lightroom, Frame.io, and Flickr.



PAIR UP YOUR POWERSHOT V1

With the multi-function shoe available, the PowerShot V1 is even more versatile with the option to add on various accessories for different photography and videography needs.



ACCESSORIES



Smartphone Link
Adapter AD-P1



Tripod Grip
HG-100TBR

AUDIO



Directional Stereo
Microphone DM-E1



Stereo Microphone
DM-E100

SPEEDLITE

5pin*

*Usable in combination with the AD-E1 Multi-Accessory Shoe Adapter



EL-1



430EXIII-RT



ST-E3-RT
(ver 3)



470EX-AI



EL-100

21pin



EL-5



ST-E10



EL-10

08 Specifications

Image Sensor	
Type	Approx. 18.7 megapixels (movie)/ 22.3 megapixels (stills), 1.4-inch (approx. 18.4 × 12.3 mm) CMOS sensor
Image Processor	
Type	DIGIC X
Lens	
Lens (35 mm equivalent)	16–50 mm ultra-wide angle, f/2.8–4.5
Recording System	
Recording Format	Movies: MP4 Stills: JPEG/ HEIF/ RAW/ C-RAW/ Dual Pixel RAW
Recording Media	SD / SDHC / SDXC (UHS-II compatible)
Movie Recording	
Movie Recording Size	4K UHD (3840 × 2160) Full HD (1920 × 1080)
Frame Rate	4K UHD (30p/ 25p/ 24p) 4K UHD Crop (60p/ 50p) Full HD (120p/ 100p/ 60p/ 50p/ 30p/ 25p/ 24p)
Colour Filter	Off (default)/ StoryTeal&Orange/ StoryMagenta/ StoryBlue/ PaleTeal&Orange/ RetroGreen/ Sepiatone/ AccentRed/ TastyWarm/ TastyCool/ BrightAmber/ BrightWhite/ ClearLightBlue/ ClearPurple/ ClearAmber
Digital Zoom	1.0x – 10.0x *Only available for FHD 29.97/25/23.98 fps
Built-in Microphone	48kHz, 16 bits, 2ch
Noise Cancellation	Yes
Overheat Control	Yes
Image Recording	
Image Recording Size	Large: 5760 × 3840 Medium: 3840 × 2560 Small 1: 2880 × 1920 Small 2: 2400 × 1600
Auto Lighting Optimizer	Supported
Image Correction	Auto Lighting Optimizer, Highlight tone priority
Autofocus	
AF Operation	One-Shot AF/ AI Focus AF/ Servo AF/ Movie Servo AF
AF method	Spot AF/ 1-point AF/ Flexible Zone AF 1–3/ Whole Area AF
Focusing Area (with face detection)	Horizontal: Approx. 90%, Vertical: Approx. 90%
Number of AF areas available for automic selection (max. areas)	Stills: 425 zones Movie: 375 zones
Subject Detection	People Animals (Dogs/ Cats)

08 Specifications

Exposure Control	
Metering sensor	384-zone (24 × 16), based on image sensor output signals
Metering mode	Evaluative/ Spot/ Center-weighted average
Shutter Speed	Stills: Mechanical shutter, Bulb: 30 – 1/2,000 Electronic shutter, Bulb: 30 – 1/16,000 Movie: 1/8 – 1/8,000
Shooting mode	Scene Intelligent Auto/ SCN Special scenes/ Creative filters/ P/ Tv/ Av/ M/ C1/ C2/ C3
ISO speed	Movie: 100 – 12,800 (H: Up to 25,600) Stills: 100 – 32,000 (H: 51,200)
ND Filter	Stills: Off/ On Movie: Off/ Auto/ On
Image stabilization (IS mode)	
Lens Optical IS	Yes
Digital IS (movie recording)	Yes
Screen	
Type	Vari-angle, LCD touch screen
Screen Size and Dots	Approx. 3.0 inch (3:2) with approx. 1.04 million dots
Interface	
Digital Terminal	Hi-Speed USB (USB 2.0) equivalent, USB Type-C
HDMI Micro OUT terminal	Type D (auto switching of resolution)
External Microphone IN Terminal	3.5mm diameter stereo mini-jack (3-pin)
Headphone Terminal	3.5mm diameter stereo mini-jack
Communication Functions	
Wi-Fi	IEEE 802.11b/g/n (2.4GHz bands)
Bluetooth	Version 4.2
Live Streaming Services	USB (UVC/UAC), Camera Connect streaming (wireless LAN)
Live Streaming Output	FHD (30p / 25p)
Power	
Battery	LP-E17
AC Power Source	USB Power Adapter PD-E2/E1
No. of Shots Available (approx., at 23°C/73°F)	Power saving: 400 Smooth: 340 *With new, fully charged LP-E17
Overheating Warning	Yes
Dimensions and Weight	
Dimensions (W×H×D) (CIPA compliant)	118.3 x 68.0 x 52.5 mm
Weight (CIPA compliant)	Approx. 426 g. (including battery and card)

PowerShot V1

Canon

Delighting You Always



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SNAPSHOT

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