Canon

PowerShot SX70 HS

Supplementary Information

ENGLISH

Included Accessories

Neck strap

Battery Pack
LP-E12*1

Battery Charger
LC-E12 Series*1

USB Cable (camera end: Micro-B)*2

Memory Card   Card Reader   Computer

HDMI Cable
(camera end: Type D)*3

TV/
Monitor

Lens Accessories

Canon-Brand Lens Filter
(67 mm dia.)*4

Lens Hood
LH-DC90

PictBridge-Compatible Printers

Other Accessories

Wireless Remote
Control BR-E1

Remote Switch
RS-60E3
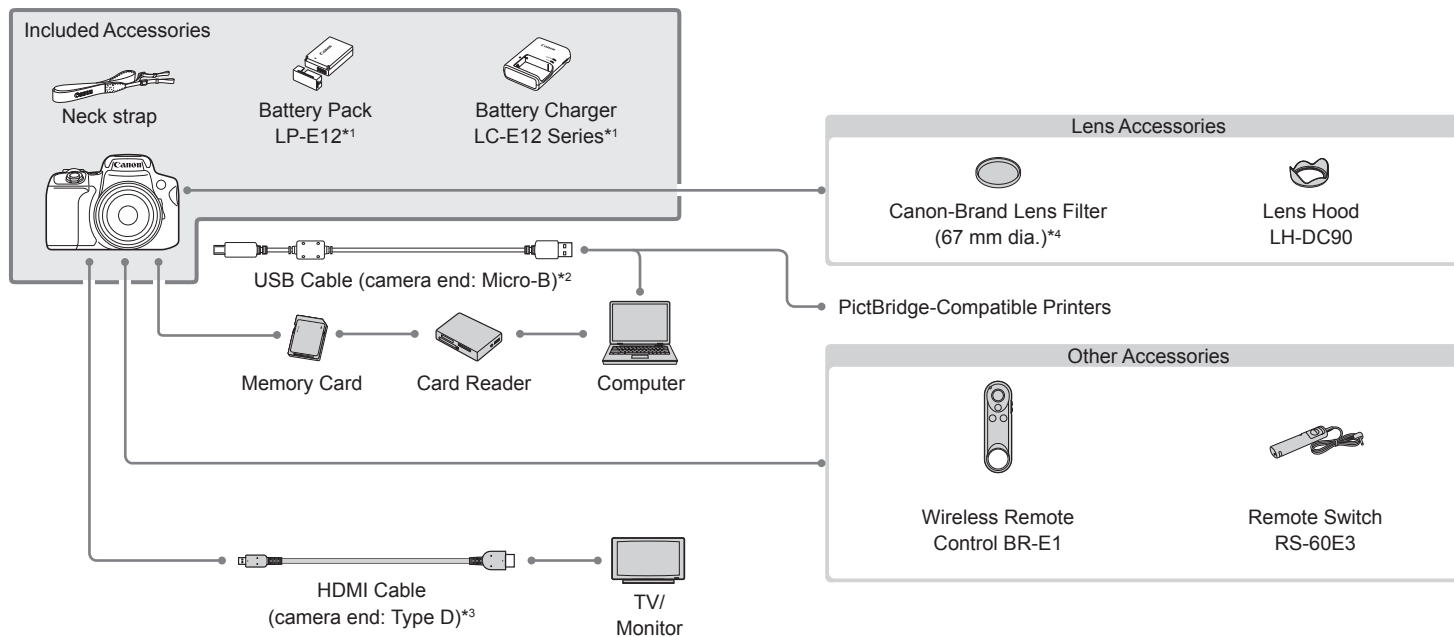
*1   Also available for purchase separately.
*2   A genuine Canon accessory is also available (Interface Cable IFC-600PCU).
*3   Use a commercially available cable no longer than 2.5 m (8.2 ft.).
*4   Requires Filter Adapter FA-DC67A.

Functions Available in Each Shooting Mode

Function		Shooting Mode →	M	Av	Tv	P	AUTO	[hybrid auto]	[panorama]	[icon]	SCN						[creative]							[movie]	
											[1]	[2]	[3]	[4]	[5]	[6]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[1]	[2]
Flash firing	Auto flash		–	–	–	O	O	O	–	–	–	O	O	–	–	–	O	O	O	O	O	O	O	–	–
	Flash on		O	O	O	O	O	O	–	–	O	O	O	O	O	–	O	O	O	O	O	O	O	–	–
	Slow synchro		–	O	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Flash off		O	O	O	O	–	–	O	O	O	–	–	–	–	O	–	–	–	–	–	–	–	–	–
Shutter Speed	Tv (default: 1/125)		O	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O
Aperture Value	Av (default: f/4.0)		O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O
Program Shift			–	–	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AE lock			O	O	O	O	–	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
FE lock			O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Focus range	Macro		O	O	O	O	–	–	O	–	–	O	O	O	O	–	O	O	O	O	O	O	O	O	O
	Normal		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Manual focus		O	O	O	O	–	–	O	–	–	O	O	O	O	–	O	O	O	O	O	O	O	O	O
AF point selection	AF Point Position	Center/off-center	O	O	O	O	–	–	–	O	–	O	O	O	O	–	O	O	O	–	O	O	O	O	O
Framing Assist – Seek			O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Framing Assist – Lock			O	O	O	O	O	–	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–

O Available or set automatically. – Not available.

Quick Control Screen Settings

Shooting modes across columns: **M, Av, Tv, P, AUTO**, three additional icon modes (C1–C3), **SCN** (six scene sub-modes SCN-1 to SCN-6), a creative-filter group ⊙ (seven sub-modes CF-1 to CF-7), and two movie modes (MV-1, MV-2).

Function	Detail	M	Av	Tv	P	AUTO	C1	C2	C3	SCN-1	SCN-2	SCN-3	SCN-4	SCN-5	SCN-6	CF-1	CF-2	CF-3	CF-4	CF-5	CF-6	CF-7	MV-1	MV-2
AF method	+Tracking	O	O	O	O	O	O	–	–	O	O	O	O	O	–	O	O	–	O	O	O	–	O	O
AF method	Tracking AF	O	O	O	O	O	–	–	–	–	O	O	O	O	–	O	O	–	O	O	O	–	–	–
AF method	Spot AF	O	O	O	O	–	–	O	O	–	O	O	O	O	–	O	O	–	O	O	O	–	–	–
AF method	1-point AF	O	O	O	O	–	–	O	O	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O
AF operation	One-Shot AF	O	O	O	O	O	O	O	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
AF operation	Servo AF	O	O	O	O	–	–	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drive mode	Single shooting	O	O	O	O	O	O	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
Drive mode	High speed continuous	O	O	O	O	O	–	–	O	–	O	–	O	O	–	–	–	–	–	–	–	–	–	–
Drive mode	Low speed continuous	O	O	O	O	O	–	O	O	–	O	–	O	O	–	–	–	–	–	–	–	–	–	–
Drive mode	Self-timer:10 sec/remote/Self-timer:2 sec	O	O	O	O	O	O	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
Drive mode	Self-timer:Continuous 2 – 10 (shots)	O	O	O	O	O	–	–	O	–	O	O	O	O	O	O	O	O	O	O	O	O	–	–
Metering mode	Evaluative metering	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	O	O	O	O	O	O
Metering mode	Spot metering	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metering mode	Center-weighted average	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	O	–	–	–	–	–	O	O
Image quality	RAW –	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
Image quality	RAW RAW/CRAW	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Image quality	JPEG –	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Image quality	JPEG ▲L	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
Image quality	JPEG ▲L/▲M/▲S	O	O	O	O	O	–	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–

O Available or set automatically. – Not available.

Function / Shooting Mode			M	Av	Tv	P	AUTO				SCN														
Movie rec. size	(When set to NTSC)	3840x2160 29.97 fps (4K)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
		1920x1080 59.94 fps (Full HD)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		1920x1080 29.97 fps (Full HD)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		1280x720 59.94 fps (HD)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	(When set to PAL)	3840x2160 25.00 fps (4K)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
		1920x1080 50.00 fps (Full HD)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		1920x1080 25.00 fps (Full HD)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		1280x720 50.00 fps (HD)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
ISO Speed	Auto		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Other		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O
White balance	Auto		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Daylight/Shade/Cloudy/Tungsten light/White fluorescent light/Flash/Custom		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
WB Shift/Bkt.	Shift (WB correction)	B9 – 0 – A9/G9 – 0 – M9	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Bracket (WB bracketing setting)	B/A, M/G directions: ±3 stops, in 1-stop increments	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Clear all		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Style settings	Auto		O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–	O	–	–	–	–	O	O
	Standard		O	O	O	O	–	–	–	–	–	–	–	–	–	–	O	O	–	O	O	O	O	O	O
	Vivid/Neutral/B/W/Sepia		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O

O Available or set automatically. – Not available.

Function		Shooting Mode	M	Av	Tv	P	AUTO	(i6)	(i7)	(i8)	SCN (i9)	SCN (i10)	SCN (i11)	SCN (i12)	SCN (i13)	SCN (i14)	○ (i15)	○ (i16)	○ (i17)	○ (i18)	○ (i19)	○ (i20)	○ (i21)	○ (i22)	🎥 (i23)	🎥 (i24)
Auto Lighting Optimizer	Disable		O	O	O	O	–	–	O	–	–	–	–	–	–	–	O	O	O	O	O	O	O	O	O	O
	Low		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Standard		O	O	O	O	O	O	–	O	O	O	O	O	O	–	–	–	–	–	–	–	–	–	O	O
	High		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Disable during man expo	[✓] On/[ ] Off	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Still img aspect ratio	3:2		O	O	O	O	O	–	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
	4:3		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
	16:9 1:1		O	O	O	O	O	–	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
Miniature effect movie	Off/5x/10x/20x		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Video snapshot	Video snapshot	Disable/Enable	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Brightness	Range: ±2		–	–	–	–	–	–	–	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Range: ±3		–	–	–	–	–	–	O	O	–	O	O	O	O	O	–	–	–	–	–	–	–	–	–	–
Shooting Mode: Special Scene			–	–	–	–	–	–	–	–	O	O	O	O	O	O	–	–	–	–	–	–	–	–	–	–
Background blur	Auto/Off		–	–	–	–	–	–	–	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Smooth skin effect	+1 – +3		–	–	–	–	–	–	–	–	O	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–
Color tone	Standard/2 cool levels/2 warm levels		–	–	–	–	–	–	–	–	–	–	–	O	–	–	–	–	–	–	–	–	–	–	–	–

O Available or set automatically. – Not available.

Function				Shooting Mode → M	Av	Tv	P	AUTO	⊡	⋈	✸	SCN 📷	SCN	SCN	SCN 🍴	SCN	SCN	◔	◔	◔	◔	◔	◔	◔	🎥	🎥
Shooting Mode: Creative Filters				–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O	O	O	O	O	O	–	–
Filter effect level	Grainy B/W	Contrast	Low/Standard/High	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	–	–	–	–	–	–	–	–
	Soft focus	Soft focus	Low/Standard/High	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	–	–	–	–	–	–	–
	Fish-eye effect	Effect	Low/Standard/Strong	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	–	–	–	–	–	–
	Art bold effect	Effect	Low/Standard/High	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	–	–	–	–	–
	Water painting effect	Color density	Light/Standard/Deep	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	–	–	–	–
Type of filter effect	Toy camera effect	Color tone	Cool tone/Standard/Warm tone	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	–	–	–
Set Miniature effect	Miniature effect frame position	Center/other		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	–	–
	Miniature effect frame orientation	Landscape/Portrait		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	–	–
Shooting Mode: Movie Mode				–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Set Miniature effect	Miniature effect frame position	Center/other		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Miniature effect frame orientation	Landscape/Portrait		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O

O Available or set automatically. – Not available.

Shooting Menu Settings

Function		Shooting Mode →	M	Av	Tv	P	AUTO	[icon]	[icon]	[icon]	SCN [icon]	SCN [icon]	SCN [icon]	SCN [icon]	SCN [icon]	SCN [icon]	[○] [icon]	[○] [icon]	[○] [icon]	[○] [icon]	[○] [icon]	[○] [icon]	[○] [icon]	[○] [icon]	[🎬] [icon]	[🎬] [icon]
Shooting Mode			See "Quick Control Screen Settings" (□4).																							
Image quality			See "Quick Control Screen Settings" (□4).																							
Still img aspect ratio			See "Quick Control Screen Settings" (□4).																							
Image review	Off/2 sec./4 sec./8 sec./Hold		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
Flash settings	Flash mode	Auto	O	O	O	O	O	O	–	–	O	O	O	O	O	–	O	O	O	O	O	O	O	O	–	–
		Manual	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Flash exp. comp	0 (default)	O	O	O	O	O	O	–	–	O	O	O	O	O	–	O	O	O	O	O	O	O	O	–	–
		-2 – 2	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Shutter sync.	1st curtain	O	O	O	O	O	O	–	–	O	O	O	O	O	–	O	O	O	O	O	O	O	O	–	–
		2nd curtain	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Flash output	Min/Med/Max	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Red-eye lamp	On/Off	O	O	O	O	O	O	–	–	O	O	O	O	O	–	O	O	O	O	O	O	O	O	–	–
	Safety FE	On	O	O	O	O	O	O	–	–	O	O	O	O	O	–	O	O	O	O	O	O	O	O	–	–
		Off	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drive mode			See "Quick Control Screen Settings" (□4).																							
Date stamp [icon]	Off		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Date/Date & Time		O	O	O	O	O	O	–	O	–	O	–	O	–	O	–	–	–	–	–	–	–	–	–	–
Expo.comp./AEB	Exposure comp. (range: ±3)		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	AEB (range: ±2)		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
[icon]ISO speed settings	ISO speed		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Max for Auto		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

O Available or set automatically. – Not available.

Function		Shooting Mode	M	Av	Tv	P	AUTO	🎞	▭	✽	SCN 📷	SCN 🌙	SCN 🌃	SCN 🍴	SCN 🏯	SCN ❄	◉ 🏞	◉ 👤	◉ 🌄	◉ 🎆	◉ 🌊	◉ 📷	◉ 🎨	🎥	🎬
🎥 ISO speed settings	ISO speed	AUTO (default)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Auto Lighting Optimizer			See "Quick Control Screen Settings" (📖4).																						
Metering mode			See "Quick Control Screen Settings" (📖4).																						
Metering timer		4 sec.	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
		8 sec.	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		16 sec./30 sec./1 min./3 min.	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Expo. simulation		Enable	O	O	O	O	O	O	O	O	O	O	O	O	–	O	O	O	O	O	O	O	O	O	O
		Disable	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White balance			See "Quick Control Screen Settings" (📖4).																						
Custom White Balance			O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
WB Shift/Bkt.			See "Quick Control Screen Settings" (📖4).																						
Style settings			See "Quick Control Screen Settings" (📖4).																						
HDMI info disp	With info/Clean / 4K output/Clean / FHD output		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
AF operation			See "Quick Control Screen Settings" (📖4).																						
AF method			See "Quick Control Screen Settings" (📖4).																						
Continuous AF		Enable	O	O	O	O	O	O	O	O	O	O	O	O	O	–	O	O	O	O	O	O	O	–	–
		Disable	O	O	O	O	–	–	O	–	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
AF-assist beam firing		Enable	O	O	O	O	O	O	O	–	O	O	O	O	O	–	O	O	O	O	O	O	O	–	–
		Disable	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–

O Available or set automatically. – Not available.

Function		Shooting Mode	M	Av	Tv	P	AUTO	🎞	🏞	⚡	SCN 📷	SCN 👤	SCN 🌙	SCN 🍽	SCN 🎆	SCN ❄	◉ 🖼	◉ 🏛	◉ 🐟	◉ 🎨	◉ 🖌	◉ 📷	◉ 🖼	🎥	🎥
MF peaking settings	Peaking	On	O	O	O	O	–	–	O	–	–	O	O	O	O	–	O	O	O	O	O	O	O	O	O
		Off	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Level	High/Low	O	O	O	O	–	–	O	–	–	O	O	O	O	–	O	O	O	O	O	O	O	O	O
	Color	Red/Yellow/Blue	O	O	O	O	–	–	O	–	–	O	O	O	O	–	O	O	O	O	O	O	O	O	O
Safety MF	On		O	O	O	O	–	–	O	–	–	O	O	O	O	–	O	O	O	O	O	O	O	O	O
	Off		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MF-point zoom	5x/10x		O	O	O	O	–	–	–	–	O	–	O	–	–	–	–	–	–	–	–	–	–	–	–
	Off		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
IS settings	IS mode	Off/On	O	O	O	O	O	O	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		Shoot only	O	O	O	O	–	–	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–	–
	Dynamic IS	Low/Standard	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		High	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
🎥 Auto level	Enable/Disable		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Digital zoom	Standard		O	O	O	O	O	O	–	O	–	O	–	–	–	O	–	–	–	–	–	–	–	O	O
	Off		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	1.6x/2.0x		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Recall zoom/MF settings	Zoom memory	On	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Off	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	MF memory	On	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Off	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Digest type	Include stills/No stills		–	–	–	–	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

O Available or set automatically. – Not available.

10

Function		Shooting Mode	M	Av	Tv	P	AUTO	I1	I2	I3	SCN (1)	SCN (2)	SCN (3)	SCN (4)	SCN (5)	SCN (6)	F1	F2	F3	F4	F5	F6	F7	F8	MV1	MV2
Display area	Small/Medium/Large		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Auto zoom	Off		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Auto/Face/Upper body/Whole body/Manual		–	O	O	O	O	O	–	O	O	O	O	O	O	–	O	O	–	O	O	O	–	O	O	–
Centering	On		O	O	O	O	O	–	–	–	–	O	O	O	O	O	–	O	–	O	O	O	–	O	–	–
	Off		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Movie rec. size			See "Quick Control Screen Settings" (📖4).																							
Sound recording	Sound rec.	Auto/Enable	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		Manual	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
		Disable	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Rec. level	0 – 47 – 63 dB	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Wind filter/Attenuator	Wind filter — Auto	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		Wind filter — Disable	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
		Attenuator — Disable/Enable	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
		Attenuator — Auto	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Video snapshot	Video snapshot	Disable/Enable	See "Quick Control Screen Settings" (📖4).																							
	Album settings	Create a new album/Add to existing album	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Playback time	4 sec./6 sec./8 sec.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Playback effect	1/2x speed/1x speed/2x speed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Show confirm msg	Enable/Disable	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O

O Available or set automatically. – Not available.

Function		Shooting Mode	M	Av	Tv	P	AUTO	📷	⧓	✦	SCN						◔							🎥	
											📷	🌙	🌃	🍴	🎇	❄	🏙	👤	🐟	🎣	⛷	📷	🐟	🎥	🎞
Time-lapse movie	Time-lapse	Disable/Scene 1/Scene 2/Scene 3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Interval/shots		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Movie rec. size	4K / FHD	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Auto exposure	Fixed 1st frame/Each frame	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Screen auto off	Disable/Enable	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
	Beep as img taken	Enable/Disable	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Remote control	Disable/Enable		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O
Movie Servo AF	Enable/Disable		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
🎥 Auto slow shutter	Enable		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	–
	Disable		O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O

O Available or set automatically. – Not available.

Specifications

Image Sensor

Image size .... 1/2.3 type
Camera effective pixels
(Image processing may cause
a decrease in the number of pixels.) .... Approx. 20.3 megapixels
Total pixels .... Approx. 21.1 megapixels

Lens

Focal length (35mm film equivalent)...................... 3.8 – 247.0 mm (21 – 1365 mm)
Zoom magnification 65x

Shooting range (measured from the tip of the lens)

Shooting mode	Focus range	Maximum wide angle (W)	Maximum telephoto (T)
AUTO*	–	0 cm (0.0 in.) – Infinity	1.8 m (5.9 ft.) – Infinity
Other modes	▲A	5 cm (2.0 in.) – Infinity	1.8 m (5.9 ft.) – Infinity
	✿	0 – 50 cm (0.0 in. – 1.6 ft.)	–

* Same for when set to manual focus.

Shutter

Shutter speed
    Auto Mode (automatic settings)
        Max. Tv .... 1 sec.
        Min. Tv .... 1/2000 sec.
    Range in all shooting modes
        Max. Tv .... 15 sec.
        Min. Tv .... 1/2000 sec.
    Available Tv values (sec.)
        Shooting mode... M mode / Tv mode / Movie manual exp.
        15, 13, 10, 8, 6, 5, 4, 3.2, 2.5, 2, 1.6, 1.3,
        1, 0.8, 0.6, 0.5, 0.4, 0.3, 1/4, 1/5, 1/6, 1/8,
        1/10, 1/13, 1/15, 1/20, 1/25, 1/30, 1/40,
        1/50, 1/60, 1/80, 1/100, 1/125, 1/160,
        1/200, 1/250, 1/320, 1/400, 1/500, 1/640,
        1/800, 1/1000, 1/1250, 1/1600, 1/2000

Aperture

F number
    Wide angle end..3.4 – 8.0
    Telephoto end ....6.5 – 8.0

Flash Control

Built-in flash
    Flash range (Wide angle end)
        Closest point .... Approx. 50 cm (approx. 1.6 ft.)
        Farthest point .... Approx. 6.5 m (approx. 21.3 ft.)
    Flash range (Telephoto end)
        Closest point .... Approx. 1.8 m (approx. 5.9 ft.)
        Farthest point .... Approx. 4.0 m (approx. 13.1 ft.)

Viewfinder and Screen

Electronic color viewfinder
    Screen size .... 0.39 type
    Number of dots .... Approx. 2.36 million dots

Screen
    Type .... TFT color liquid crystal
    Screen Size .... 3.0 type
    Number of dots .... Approx. 0.92 million dots

Shooting

Digital zoom
    Magnification .... Approx. 4x
    Maximum with optical zoom .... Approx. 260x
    Focal length (Telephoto end,
    35mm film equivalent) .... Approx. 5460 mm equivalent
    ZoomPlus (Number of recording pixels L) .... Approx. 130x

Continuous shooting
    Shooting speed*
        One-Shot AF
            Continuous shooting speed
            (high-speed) .... Max. approx. 10.0 shots/sec.
            Continuous shooting speed
            (low-speed) .... Max. approx. 3.0 shots/sec.
        Servo AF
            Continuous shooting speed
            (high-speed) .... Max. approx. 5.7 shots/sec.
            Continuous shooting speed
            (low-speed) .... Max. approx. 3.0 shots/sec.

* Continuous shooting speed may become slower due to the following factors:
  Tv value/Av value/Subject conditions/Shooting environment/Use of flash/ISO speed/Zoom position

Recording

File format .... DCF-compliant DPOF compatible
                                                        (Version 1.1)

Data type
    Still image
        Recording format .... Exif 2.31 (DCF 2.0)
        Image (RAW images are A/D converted into
        12-bit format) .... JPEG/RAW (CR3 Canon original: 14-bit
                                                RAW format)
    Movie
        Recording format MP4
        Video MPEG-4 AVC/H.264
        Audio .... MPEG-4 AAC-LC (stereo)

Recording pixels, number of shots per a memory card
    Still image
        Using a 32 GB UHS-I memory card with a UHS speed class of 3
            L Fine   Approx. 3968 shots
            RAW   Approx. 1037 shots

Power

Battery Pack LP-E12

Number of still image shots
(CIPA compliant: room temperature 23 °C/73 °F)

Screen On... Approx. 325 shots
Electronic color viewfinder On .... Approx. 255 shots

Number of still image shots (Eco Mode On)

Screen On... Approx. 405 shots

Movie recording time
(CIPA compliant: room temperature 23 °C/73 °F)

Screen On... Approx. 85 min.
Electronic color viewfinder On .... Approx. 75 min.

Movie recording time (continuous shooting)*

Screen On... Approx. 130 min.
Electronic color viewfinder On .... Approx. 115 min.

* Total shooting time when shooting is performed under the following conditions:
- Using AUTO Mode with default settings
- Without using zooming and other operations
- When single recording reaches max. recording time and recording stops/resumes automatically

Playback time (Time when playing back
a slideshow of still images)...................................... Approx. 6 hr.

Interface

Wired

Digital terminal... Micro USB (Hi-Speed USB compliant)
HDMI OUT terminal .... Type D

Wireless

Bluetooth

Compliance standards .... Bluetooth Ver. 4.1
(Bluetooth low energy technology)

Wi-Fi

Compliance standards IEEE802.11n/g/b
Transmission frequency

Frequency .... 2.4 GHz
Channels .... 1-11 ch

Security

Infrastructure mode............................ WPA2-PSK (AES/TKIP),
WPA-PSK (AES/TKIP), WEP
* Wi-Fi Protected Setup compliant

Camera access point mode .... WPA2-PSK (AES)

Operating Environment

Temperature .... Min. 0 °C, Max. 40 °C
(Min. 32 °F, Max. 104 °F)

Dimensions (CIPA compliant)

W .... Approx. 127.1 mm (approx. 5.00 in.)
H.. Approx. 90.9 mm (approx. 3.58 in.)
D.. Approx. 116.6 mm (approx. 4.59 in.)

Weight (CIPA compliant)

Including battery pack, memory card....................... Approx. 610 g (approx. 21.5 oz.)
Camera body only .... Approx. 574 g (approx. 20.2 oz.)

Battery Pack LP-E12

Type... Rechargeable lithium-ion battery
Rated voltage .... 7.2 V DC
Battery capacity .... 875 mAh
Working temperature range...................... Charging: 5 °C – 40 °C (41 °F – 104 °F)
　　　　　　　　　　　　　　　　　　　　　　　　Shooting: 0 °C – 40 °C (32 °F – 104 °F)

Battery Charger LC-E12/LC-E12E

Compatible battery .... Battery Pack LP-E12
Recharging time .... Approx. 2 hours (at room temperature)
Rated input .... 100 – 240 V AC (50/60 Hz)
Rated output.. 8.4 V DC / 540 mA
Working temperature range...................... 5 °C – 40 °C (41 °F – 104 °F)

- All the data above is based on Canon's testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.