



PowerShot SX70 HS

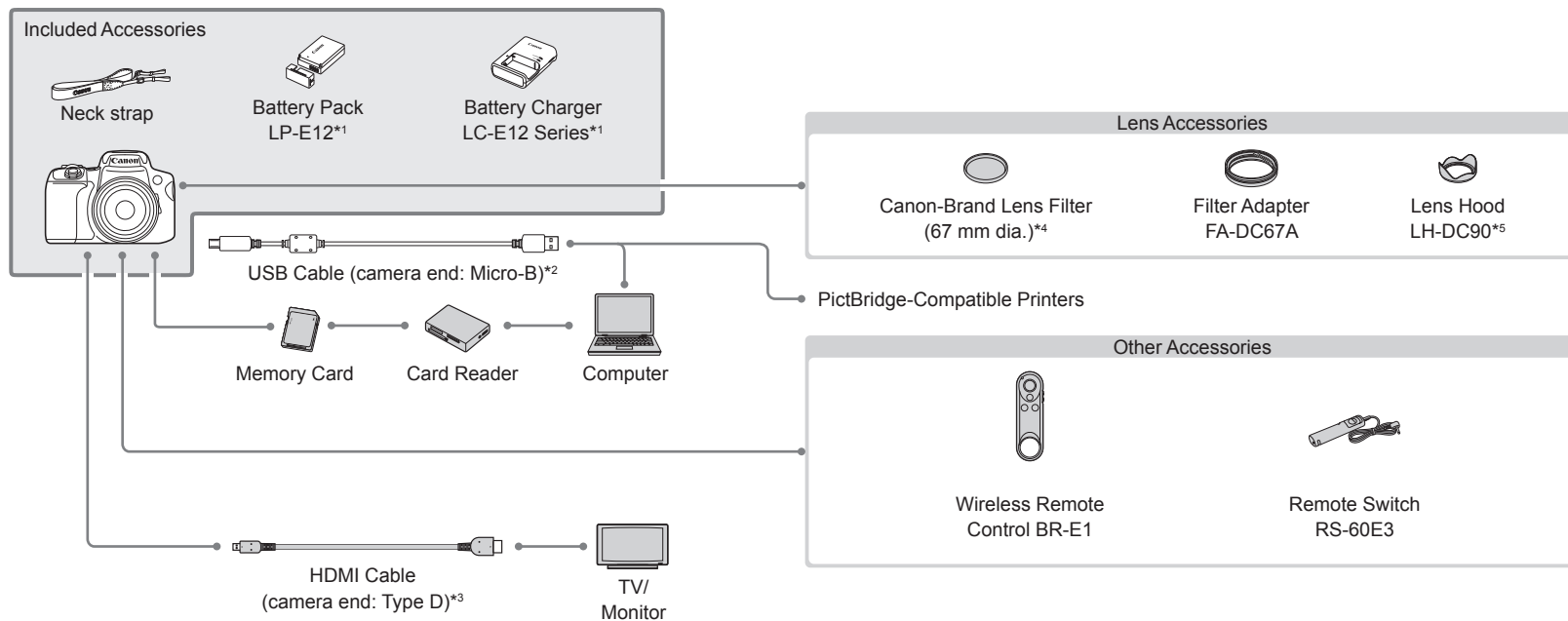
Supplementary Information

ENGLISH

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CT0-D206-B

System Map



*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 For attachment, a filter adapter is required.

*⁵ A lens hood and filter adapter cannot be attached at the same time.

Functions and Menu Tables

Functions Available in Each Shooting Mode

Function			Shooting Mode								SCN								SCN								SCN	
			M	Av	Tv	P	AUTO																					
Flash firing	Auto flash		–	–	–	O	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	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	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	O		
	Manual focus		O	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		
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	O		
Framing Assist – Lock			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.

Quick Control Screen Settings

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

○ Available or set automatically. – Not available.

Function		Shooting Mode								SCN																	
		M	Av	Tv	P	AUTO																					
Auto Lighting Optimizer	Disable	O	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	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	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	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		–	–	–	–	–	–	–	O	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–		
	Color tone		–	–	–	–	–	–	–	–	–	–	–	O	–	–	–	–	–	–	–	–	–	–	–		

O Available or set automatically. – Not available.

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

O Available or set automatically. – Not available.

Shooting Menu Settings

[illegible]

○ Available or set automatically. – Not available.

Function			Shooting Mode									SCN																				
			M	Av	Tv	P	AUTO																									
ISO speed settings		ISO speed	AUTO (default)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	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	O				
	16 sec./30 sec./1 min./3 min.				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	O				
	Disable				O	O	O	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
White balance					See "Quick Control Screen Settings" (📖4).																											
Custom White Balance					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			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
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	O	-	-				
	Disable				O	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	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 Available or set automatically. – Not available.

Function			Shooting Mode									SCN										Movie								Video	
			M	Av	Tv	P	AUTO																								
MF peaking settings	Peaking	On	O	O	O	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	O	O	O			
	Level	High/Low	O	O	O	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	O	O	O			
Safety MF	On		O	O	O	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	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	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	O	O	O			
		Shoot only	O	O	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	O	O	O			
		High	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	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	O	O	O			
Digital zoom	Standard		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	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	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	O	O	O			
Digest type	Include stills/No stills		–	–	–	–	–	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			

O Available or set automatically. – Not available.

Function			Shooting Mode							SCN																				
			M	Av	Tv	P	AUTO																							
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	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	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	–	O		
Centering	On		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	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	O		
		Manual		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	O	O	O		
	Rec. level	0 – 47 – 63 dB		O	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	O		
			Disable	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O	O		
		Attenuator	Disable/Enable	O	O	O	O	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O	O		
			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	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	O		
	Playback time	4 sec./6 sec./8 sec.		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O	O		
	Playback effect	1/2x speed/1x speed/2x speed		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O	O		
	Show confirm msg	Enable/Disable		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	O	O	O		

O Available or set automatically. – Not available.

Function			Shooting Mode									SCN						🌓						📺			
			M	Av	Tv	P	AUTO	📷	📷	📷		📷	📷	📷	📷	📷	📷	📷	📷	📷	📷	📷	📷	📷	📷	📷	📷
Time-lapse movie	Time-lapse	Disable/Scene 1/Scene 2/Scene 3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Interval/shots		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Movie rec. size	4K/5FHD	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Auto exposure	Fixed 1st frame/Each frame	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Screen auto off	Disable/Enable	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Beep as img taken	Enable/Disable	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Remote control	Disable/Enable		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Movie Servo AF	Enable/Disable		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
📷 Auto slow shutter	Enable		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	–
	Disable		○	○	○	○	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	○	○

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		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)
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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.