

		IXUS 285 HS
IMAGE SENSOR		
Type		1/2.3 type back-illuminated CMOS
Effective Pixels		Approx. 20.2M [14]
Effective / Total Pixels		Approx. 21.1M
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC 4+ with iSAPS technology
LENS		
Focal Length		4.5 – 54.0 mm (35 mm equivalent: 25 – 300 mm)
Zoom		Optical 12x ZoomPlus 24x Digital approx. 4x. (with Digital Tele-Converter Approx. 1.6x or 2.0x) Combined approx. 48x [1]
Maximum f/number		f/3.6 – f/7.0
Construction		9 elements in 7 groups (1 double-sided aspherical UA lens, 1 double-sided aspherical lens, 1 single-sided aspherical lens)
Image Stabilisation		Yes (lens shift-type), approx. 2.5-stop [13]. Intelligent IS plus 4-axis Enhanced Dynamic IS
FOCUSING		
Type		TTL
AF System/ Points		AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
AF Modes		Single, Continuous, Servo AF/AE [6], Tracking AF
AF Point Selection		Size (Normal, Small)
AF Assist Beam		Yes
Closest Focusing Distance		1 cm (W) from front of lens in Macro
EXPOSURE CONTROL		
Metering modes		Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (Centre)
AE Lock		Yes
Exposure Compensation		+/- 2 EV in 1/3 stop increments. Enhanced i-Contrast for automatic dynamic range correction
ISO sensitivity		AUTO, 80, 100, 200, 400, 800, 1600, 3200
SHUTTER		
Speed		1 – 1/2000 s (factory default) 15 – 1/2000 s (total range – varies by shooting mode)
WHITE BALANCE		
Type		TTL
Settings		Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom.
COLOUR MATRIX		
Type		sRGB
LCD MONITOR		
Monitor		7.5 cm (3.0") LCD (TFT), Approx. 461,000 dots
Coverage		Approx. 100%
Brightness		Adjustable to one of five levels. Quick-bright LCD
FLASH		
Modes		Auto, Manual Flash On / Off, Slow Synchro
Slow Sync Speed		Fastest speed 1/2000 s
Red-Eye Reduction		Yes
Flash Exposure Compensation		Face Detection FE, Smart Flash Exposure
Built-in Flash Range		50 cm – 4.0 m (W) / 1.0 m – 2.0 m (T)
External Flash		Canon High Power Flash HF-DC2
SHOOTING		
Modes		Hybrid Auto, Creative Shot, SCN (Smart Auto (32 scenes detected), P, Portrait, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst (5.0 MP), Handheld Night Scene, Low Light (5.0 MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Fireworks, Long Shutter)
Modes in Movie		Smart Auto (21 scenes detected), P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Fireworks
Photo Effects		My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color)
Drive modes		Single, Continuous, Self-Timer
Continuous Shooting		Approx. 2.5 shots/s High-speed Burst (5.0 MP): Approx. 7.2 shots/s (all speeds are until memory card becomes full) [3] [4]
RECORDING PIXELS / COMPRESSION		
Image Size		4:3 - (L) 5184 x 3888, (M) 2592 x 1944, (M1) 3648 x 2736, (M2) 2048 x 1536, (S) 640 x 480 16:9 - (L) 5184 x 2912, (M1) 3648 x 2048, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (L) 5184 x 3456, (M1) 3648 x 2432, (M2) 2048 x 1368, (S) 640 x 424 1:1 - (L) 3888 x 3888, (M1) 2736 x 2736, (M2) 1536 x 1536, (S) 480 x 480
Compression		Resize option available in playback Superfine, Fine
Movies		(Full HD) 1920 x 1080, 29.97 fps, (HD) 1280 x 720, 29.97 fps, (L) 640 x 480, 29.97 fps
Movie Length		Miniature Effect (HD, L) 6 fps, 3 fps, 1.5 fps Hybrid Auto (HD) 29.97 fps (Full HD & HD) Up to 4 GB or 29 min 59 s [7] (L) Up to 4 GB or 1 hour [4]
FILE TYPES		
Still Image Type		JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies		MP4 [Video: MPEG4-AVC / H.264, Audio: MPEG4 AAC-LC (monaural)]
DIRECT PRINT		
Canon Printers		Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge
PictBridge		Yes (via USB or Wireless LAN)
OTHER FEATURES		
GPS		GPS via mobile (via Canon Camera Connect app with compatible smart devices)
Red-Eye Correction		Yes, during shooting and playback
Intelligent Orientation Sensor		Yes, with Auto Rotate
Histogram		Yes, during playback
Playback zoom		Approx. 2x – 10x
Self Timer		Approx. 2, 10 s or Custom

	Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Greek, Norwegian, Portuguese, Russian, Swedish, Spanish, Ukrainian, Polish, Czech, Hungarian, Turkish, Simplified Chinese, Chinese (traditional), Japanese, Korean, Thai, Arabic, Romanian, Farsi, Hindi, Malay, Indonesian, Vietnamese, Hebrew
INTERFACE		
	Computer	Hi-Speed USB composite connector (Mini-B compatible)
	Other	HDMI Micro (Type-D) Connector A/V output, composite connector (PAL/NTSC)
	Computer/Other	Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support [11]
MEMORY CARD		
	Type	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 10 / 8.1 / 8 / 7 SP1 [18] Mac OS X 10.9 / 10.10 / 10.11 For Wi-Fi connection to a PC: Windows 10 / 8.1 / 8 / 7 SP1 Mac OS X 10.9 / 10.10 For Image Transfer Utility: Windows 10 / 8.1 / 8 / 7 SP1 Mac OS X 10.9 / 10.10 / 10.11
SOFTWARE		
	Other	CameraWindow DC Map Utility Image Transfer Utility Camera Connect app available on iOS and Android devices
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-11L / NB-11LH (NB-11LH battery and charger supplied)
	Battery life	Approx. 180 shots Eco Mode: Approx. 265 shots Playback Mode: Approx. 240 min
ACCESSORIES		
	Cases / Straps	Soft Case DCC-1350 Soft Case DCC-1370
	Flash	Canon High Power Flash HF-DC2
	Power Supply & Battery	Battery Charger CB-2LFE / CB-2LDE
	Chargers	Rechargeable Li-ion Battery NB-11L / NB-11LH
	Other	Canon AV cable AVC-DC400 Interface Cable IFC-400PCU
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C, 10 – 90% humidity
	Dimensions (WxHxD)	99.6 x 58.0 x 22.8 mm
	Weight	Approx. 147 g (including battery and memory card)
<p>All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated. Subject to change without notice.</p> <p>[1] Depending on the image size selected. [3] Under conditions where the flash does not fire. [4] Depending on memory card speed / capacity / compression setting. [6] Some settings limit availability. [7] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. (iFrame) 1280 x 720 Speed Class 6 or above. [11] Wi-Fi use may be restricted in certain countries or regions. Wi-Fi support varies by device and region. For more information visit www.canon-europe.com/wirelesscompacts [13] Values at maximum optical focal length. Cameras whose focal length exceeds 350 mm (35 mm equivalent) are measured at 350 mm. [14] Image processing may cause a decrease in the number of pixels. [18] Software applications compatible with Windows 10 in Windows 10 Desktop Mode only</p>		