DIGITAL CAMERA Type Effective Pixels Colour Filter Type DIGIC 6 with iSAPS technology LENS Focal Length Zoom Focal Length Zoom Maximum f/number Construction Image Stabilisation Type TTL AF System/ Points AF Modes AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing AF Focus Bracketing AF Focus Bracketing AF Focus Bracketing AF Coustract AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance EXPOSURE CONTROL Metering modes Type AFB
Type Effective Pixels Colour Filter Type Primary Colour IMAGE PROCESSOR Type DIGIC 6 with iSAPS technology LENS Focal Length Zoom Optical 5x ZoomPlus 10x Digital Approx. 4x (with Digital Tele-Converter Approx. 1.5x of 2.0x and Safety Zoom [1]). Combined Approx. 20x Maximum f/number Construction Focusing Image Stabilisation Type TIL AF System/ Points AF Modes AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance EXPOSURE CONTROL Type AE Lock Exposure Compensation AEB Type AEB AEB AEB 1/13 - 2 EV in 1/3 stop increments AEB AEB 1/3 - 2 EV in 1/3 stop increments
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AEB 1/3 – 2 EV in 1/3 stop increments
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1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 800
10000, 12800
SHUTTER
Speed 1 – 1/2500 sec. (factory default)
250 – 1/2500 sec. (total range – varies by shooting mode)
WHITE BALANCE
Type TTL Settings Auto (including Face Detection WB), Daylight, Cloudy,
Settings Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater,
Custom 1, Custom 2
Multi-area WB correction available in Smart Auto
White Balance Compensation
White Balance Compensation in Underwater mode
COLOUR MATRIX
Type sRGB
LCD MONITOR
Monitor 7.5 cm (3.0") PureColor II G Touch screen LCD (TFT). Approx.
922,000 dots. Capacitive type
Coverage Approx. 100% Brightness Adjustable to one of five levels. Quick-bright LCD

	Modes	Auto, Manual Flash On / Off, Slow Synchro
	Slow Sync Speed	Yes. Fastest speed 1/2000 sec.
	Red-Eye Reduction	Yes
	Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments. Face Detection FE, Safety FE, Smart Flash Exposure
	Flash Exposure Lock	Yes
	Manual Power Adjustment	3 levels with internal flash
	Second Curtain	Yes
	Synchronisation	
	Built-in Flash Range	50 cm - 5.0 m (W) / 50 cm - 2.3 m (T)
	External Flash	Canon High Power Flash HF-DC2
SHOOTING		
	Modes	Smart Auto (58 scenes detected), Hybrid Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, SCN (Portrait, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), Star (Star Nightscape, Star Trails, Star Time-Lapse Movie), Handheld Night Scene, Underwater, Snow, Fireworks), Creative Filters (High Dynamic Range, Nostalgic, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus, Monochrome, Super Vivid, Poster Effect), Movie
	Modes in Movie	Smart Auto (21 scenes detected), Standard, Program AE, Portrait, Nostalgic, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Underwater, Snow, Fireworks, Super Slow Motion Movie
	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, Auto Drive, Continuous, Continuous with AF, Self-Timer
	Continuous Shooting	Approx. 12.1 shots/sec for up to 5 frames then approx. 9.4 shots/sec for 635 frames [12]
		with AF: Approx. 5.5 shots/sec [3][4] with Live View: Approx. 5.6 shots/sec [3][4]
IDECODDING DIVELS (COMPRES		
RECORDING PIXELS / COMPRES		
RECORDING PIXELS / COMPRES	Image Size	4:3 - (RAW, L) 4000 x 3000, (M1) 2816 x 2112, (M2) 1600 x 1200, (S) 640 x 480 16:9 - (RAW, L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (RAW, L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (RAW, L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 4:5 - (RAW, L) 2400 x 3000, (M1) 1696 x 2112, (M2) 960 x 1200, (S) 384 x 480
RECORDING PIXELS / COMPRES		1200, (S) 640 x 480 16:9 - (RAW, L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (RAW, L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (RAW, L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 4:5 - (RAW, L) 2400 x 3000, (M1) 1696 x 2112, (M2) 960 x
RECORDING PIXELS / COMPRES		1200, (S) 640 x 480 16:9 - (RAW, L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (RAW, L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (RAW, L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 4:5 - (RAW, L) 2400 x 3000, (M1) 1696 x 2112, (M2) 960 x 1200, (S) 384 x 480
RECORDING PIXELS / COMPRES	Image Size Compression	1200, (S) 640 x 480 16:9 - (RAW, L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (RAW, L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (RAW, L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 4:5 - (RAW, L) 2400 x 3000, (M1) 1696 x 2112, (M2) 960 x 1200, (S) 384 x 480 Resize in playback (M2, S) RAW, Superfine, Fine (Full HD) 1920 x 1080, 60fps/30fps (HD) 1280 x 720, 30fps, (L) 640 x 480, 30fps Star Time-Lapse Movie (Full HD) 15fps Super Slow Motion Movie (L) 640 x 480, 120fps, (M) 320 x 240, 240fps Miniature Effect (HD, L) 6fps, 3fps, 1.5fps
FILE TYPES	Image Size Compression Movies	1200, (S) 640 x 480 16:9 - (RAW, L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (RAW, L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (RAW, L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 4:5 - (RAW, L) 2400 x 3000, (M1) 1696 x 2112, (M2) 960 x 1200, (S) 384 x 480 Resize in playback (M2, S) RAW, Superfine, Fine (Full HD) 1920 x 1080, 60fps/30fps (HD) 1280 x 720, 30fps, (L) 640 x 480, 30fps Star Time-Lapse Movie (Full HD) 15fps Super Slow Motion Movie (L) 640 x 480, 120fps, (M) 320 x 240, 240fps Miniature Effect (HD, L) 6fps, 3fps, 1.5fps Hybrid Auto (HD) (Full HD & HD) Up to 4 GB or 29 min. 59 sec. [7] (L and M) Up to 4 GB or 1 hour [4] (Super Slow Motion Movie) 30 sec.

	Movies	MP4 [Video: MPEG4-AVC (H.264), Audio: MPEG2 AAC-LC (stereo)]
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 Red-Eye Correction My Category Intelligent Orientation Sensor Histogram Playback zoom	GPS via mobile (linked to compatible smartphone) Yes, during shooting and playback Image tagging feature Yes Yes, live histogram Approx. 2x - 10x
	Self Timer Menu Languages	Approx. 2 or 10 sec., Custom 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
INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
	Other	HDMI Mini Connector (HDMI-CEC compatible) A/V output (PAL/NTSC)
MEMORY CARD	Computer/Other	Wireless LAN (IEEE802.11 b/g/n), (2.4 GHz only) [11]
MEMORI CARD	Туре	SD, SDHC, SDXC (UHS Speed Class 1 compatible)
SUPPORTED OPERATING SYSTE		
	PC & Macintosh	Windows 8/7 SP1/ Vista SP2/ XP SP3 Mac OS X v10.6 – 10.8
		For Wireless LAN connection to a PC: Windows 8/7 SP1 Mac OS X v10.6.8/10.7/10.8.2 or later
SOFTWARE	Burnelin of C. Britation	Lancar December 5V
	Browsing & Printing Other Image Manipulation	ImageBrowser EX Map Utility Digital Photo Professional for RAW development
POWER SOURCE	illiage Mailipulation	Digital Prioto Professional for KAW development
I OWER SOURCE	Batteries	Rechargeable Li-ion Battery NB-6LH (NB-6LH battery and charger supplied)
	Battery life	Approx. 230 shots Eco mode approx. 300 shots Approx. 240 min. playback
ACCECCODIFC	A/C Power Supply	Optional, AC Adapter Kit ACK-DC40
ACCESSORIES	Cases / Straps	Soft Case DCC-1920 Travel Case DCC-2500
	Waterproof / Weatherproof Case Flash	Waterproof Case (40m) WP-DC51, Waterproof Case Weight WW-DC1 Canon High Power Flash HF-DC2
	Power Supply & Battery Chargers	AC Adapter Kit ACK-DC40, Battery Charger CB-2LYE
DUVCICAL CDECIFICATIONS	Other	Canon HDMI Cable HTC-100, interface cable IFC-400PCU
PHYSICAL SPECIFICATIONS	Operating Environment Dimensions (WxHxD) Weight	0 – 40 °C, 10 – 90% humidity 100.2 x 59.0 x 29.0 mm Approx. 217 g (including battery/batteries and memory card)

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated. Subject to change without notice.

- [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
- [12] Sustained continuous shooting function requires compatible SDHC/SDXC UHS Speed Class 1 memory card, total number of frames captured varies depending on shooting subject.
- [13] Values at maximum optical focal length. Cameras whose focal length exceeds 350mm (35mm equivalent) are measured at 350mm.