

PowerShot D30

Shoot deeper
underwater

Enjoy advanced underwater performance down to 25 m with the tough and reliable PowerShot D30. Ideal for every outdoor adventure it features HS System for superb shots and GPS to track the thrills.



PowerShot D30

you can

- Compact and tough digital camera for active outdoor adventures
- Go deeper underwater – waterproof down to 25 m, shockproof up to 2 m drops, freezeproof (-10° C) and dustproof
- Beautiful results even in low light with 12.1 Megapixel HS System
- 28mm, 5x optical zoom with Intelligent IS
- Superb aquatic shots with Underwater mode and Custom White Balance
- GPS to tag your shots and log your journey
- Easy viewing in bright light using large 7.5 cm (3.0") PureColor II LCD with Sunlight LCD mode
- Full HD movies (1080p) with optical zoom and HDMI
- Simply point and shoot with Smart Auto (32 scenes)
- More ways to capture action with Movie Digest and Super Slow Motion Movie

Product Range



PowerShot D30

PowerShot D30

Canon



Technical Specifications

PowerShot D30

IMAGE SENSOR	
Type	1/2.3 type back-illuminated CMOS
Effective Pixels	Approx. 12.1M
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 4 with iSAPS technology
LENS	
Focal Length	5.0 – 25.0 mm (35 mm equivalent: 28 – 140 mm)
Zoom	Optical 5x Digital Approx. 4.0x (with Digital Tele-Converter Approx. 1.5x or 2.0x and Safety Zoom ^[1]). Combined Approx. 20x
Maximum f/number	f/3.9 – f/4.8
Construction	12 elements in 10 groups (2 UD lenses, 3 double-sided aspherical lens, 1 single-sided aspherical lenses)
Image Stabilization	YES – lens shift-type, Approx. 1.5-stop ^[2] . Intelligent IS
FOCUSING	
Type	TTL
AF System / Points	AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
AF Modes	Single, Continuous (only available in Auto mode), Servo AF / AE ^[3] , Tracking AF, Underwater Macro, Quick
AF Point Selection	Size (Normal, Small)
AF Lock	YES
AF Assist Beam	YES
Manual Focus	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, 100, 200, 400, 800, 1600, 3200
SHUTTER	
Speed	1 – 1/1600 sec. (factory default) 15 – 1/1600 sec. (total range – varies by shooting mode)
WHITE BALANCE	
Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater, Custom
COLOUR MATRIX	
Type	sRGB
LCD MONITOR	
Monitor	7.5 cm (3.0") PureColor II LCD (TFT) Approx. 461,000 dots
Coverage	Approx. 100%
Brightness	Adjustable to one of five levels. Sunlight LCD mode

FLASH	
Modes	Auto, Manual Flash On / Off, Slow Synchro
Slow Sync Speed	YES – fastest speed 1/1600 sec.
Red-Eye Reduction	YES
Flash Exposure Compensation	Face Detection FE, Smart Flash Exposure
Flash Exposure Lock	YES
Built-in Flash Range	30 cm – 3.5 m (W) / 1.0 m – 3.0 m (T)
SHOOTING	
Modes	Smart Auto (32 scenes detected), P, Movie Digest, Portrait, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), Handheld Night Scene, Low Light (3.0 MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap, Underwater, Underwater Macro, Snow, Fireworks, Long Shutter, Stitch Assist
Modes In Movie	Smart Auto (21 scenes detected), P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap, Underwater, Snow, Fireworks, iFrame Movie, 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)
Drive Modes	Single, Continuous, Self-Timer
Continuous Shooting	Approx. 1.9 shots/sec. (until memory card becomes full) ^{[4][5]}
RECORDING PIXELS / COMPRESSION	
Image Size	4:3 – (L) 4000 x 3000, (M1) 2816 x 2112, (M2) 1600 x 1200, (S) 640 x 480 16:9 – (L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 – (L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 – (L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 Resize in playback (M2, S, XS*) *XS is half the length and width of S
Compression	Fine
Movies	(Full HD) 1920 x 1080, 24 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps Super Slow Motion Movie (L) 640 x 480, 120 fps, (M) 320 x 240, 240 fps Miniature Effect (HD, L) 6 fps, 3 fps, 1.5 fps Movie Digest (L) 30 fps iFrame Movie (HD) 30 fps
Movie Length	(Full HD & HD) Up to 4 GB or 29 min. 59 sec. ^[6] (L) Up to 4 GB or 1 hour ^[5]
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	MOV [Video:MPEG-4 AVC / H.264, Audio: Linear PCM (monaural)]
GPS Log	LOG [NMEA 0183 message format compliant]
DIRECT PRINT	
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge
PictBridge	YES

Technical Specifications

PowerShot D30

OTHER FEATURES	
GPS	YES ^[7] GPS tagging, GPS Logger, automatic time update
Red-Eye Correction	YES - during shooting and playback
My Camera / My Menu	Start-up image and camera sounds customisation
My Category	Image tagging feature
Intelligent Orientation Sensor	YES
Histogram	YES
Playback Zoom	Approx. 2x - 10x
Self Timer	Approx. 2 or 10 sec. or Custom
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi, Malaysian, 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	
Type	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows 8 / 8.1 / 7 SP1 / Vista SP2 / XP SP3 Mac OS X 10.7 / 10.8 / 10.9
SOFTWARE	
Browsing & Printing	ImageBrowser EX
Other	CameraWindow, PhotoStitch, Map Utility

POWER SOURCE	
Batteries	Rechargeable Li-ion Battery NB-6LH (battery and charger supplied)
Battery Life	Approx. 300 shots (Measured with GPS features off) Approx. 300 min. playback More than 48 hours using only GPS Logger
A/C Power Supply	Optional, AC Adapter Kit ACK-DC40
ACCESSORIES	
Cases / Straps	Neoprene Case SC-DC80 Travel Case DCC-2500 Silicone Jacket SJ-DC1
Flash	Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2
Power Supply & Battery Chargers	Battery Pack NB-6L Battery Pack NB-6LH Battery Charger CB-2LYE AC Adapter Kit ACK-DC40
Other	HDMI Cable HTC-100 Interface Cable IFC-400PCU AV Cable AVC-DC400 Float FT-DC1
PHYSICAL SPECIFICATIONS	
Operating Environment	-10 - 40 °C, 10 - 90% humidity Waterproof to 25 m (IEC/JIS IP Protection Rating IPX8 equivalent) Dustproof (IEC/JIS IP Protection Rating IP6X equivalent) Shockproof to 2.0 m drop (MIL Standard 810F Method 516.5) ^[8]
Dimensions (W x H x D)	109.4 x 68.0 x 27.5 mm
Weight	Approx. 218 g (including battery 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.

[2] Values at maximum optical focal length. Cameras whose focal length exceeds 350 mm (35 mm equivalent) are measured at 350 mm.

[3] Some settings limit availability.

[4] Under conditions where the flash does not fire.

[5] Depending on memory card speed / capacity / compression setting.

[6] 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.

[7] GPS use may be restricted in certain countries or regions. Use of GPS should comply with the laws and regulations of the country and area in which it is being operated including any restriction on the use of electronics.

[8] The shock resistant testing methods are unique to this product and do not guarantee against damage or malfunction of the product.

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Sales start date: May 2014

Positioning: Compact, rugged camera for active outdoor adventures with 25 m underwater rating

Product Details:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
PowerShot D30 BLUE	9337B011	8714574615998	CHF 378.00

Optional Accessories:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
AC Adapter Kit ACK-DC40	2610B003	4960999571706	CHF 118.00
Battery Charger CB-2LYE	2609B001	4960999571676	CHF 98.00
Battery Pack NB-6LH	8724B001	4960999989952	CHF 68.00
High Power Flash HF-DC2	5189B001	4960999782232	CHF 168.00
Interface Cable IFC-400PCU	9370A001	4960999209906	CHF 38.00
AV Cable AVC-DC400	2563B001	4960999570754	CHF 28.00
HDMI Cable HTC-100	2384B001	4960999530383	CHF 88.00
Silicone Jacket SJ-DC1	9556B001	4549292012439	CHF 28.00
Float FT-DC1	9557B001	4549292012422	CHF 18.00
Soft Case SC-DC80	6241B001	4960999844756	CHF 28.00
Travel Case DCC-2500 Black	0038X887	8714574610320	CHF 48.00

Logistics Information:

Pack Description	Qty	Dimensions (L x W x H in mm)	Weight (Net / Gross in kg)
Each	1	159 x 144 x 61	0.335 / 0.429
Carton	15	465 x 301 x 208	6.438 / 7.221
Euro Pallet	375	1200 x 800 x 1190	- / 187

Euro Pallet Information:

Layers	
Layers per Pallet	5
Cartons per Layer	5
Products per Layer	75

What's in the box?

- Digital Camera PowerShot D30
- Wrist Strap WS-DC8
- Battery Pack NB-6LH
- Battery Charger CB-2LYE
- AC Cable
- User Manual Kit