

High end performance and complete creative control in a compact camera body

Enthusiast

The PowerShot G10 delivers superior image quality with a 14.7 megapixels, ultra-high definition CCD sensor. Featuring a 28mm wide angle lens, 5x zoom with Optical Image Stabilizer and RAW mode, users can enjoy complete flexibility when manipulating images. With full creative control, this beautifully designed camera is a pleasure to use and delivers outstanding image quality for those who demand the best.



Key Features

Precision image quality

- 14.7 megapixels
- 28mm wide angle lens
- 5x Optical Zoom
- RAW recording
- DiGiC 4
- ISO 3200

Canon Blur Control solution using:

- Optical Image Stabilizer
- Face Detection Technology
- Motion Detection Technology

Perfect portraits of family & friends

- Face Detection and Selector
- Face Detection Self-timer
- Red-eye Correction

Explore digital photography

- 3.0" LCD screen (approx 461,000 dots)
- 1cm macro shooting
- Dedicated ISO and Exposure Dials
- Full creative control
- Servo AF for continuous focusing of moving subjects
- i-Contrast controlling the exposure and tone optimally for each scene
- Digital Photo Professional software
- Optional accessories including optional lenses, speedlites and remote switch

Digital movies made easy

- Longer movie recording using less memory

14.7
MEGA
PIXELS

5x
OPTICAL
ZOOM

28-140mm*
F2.8-4.5
*35mm equivalent

RAW

OPTICAL
IMAGE
STABILIZER

Face Detection
AF/AE/FE/WB

Motion Detection
Technology

3.0"
LCD
PureColor II

Servo
AF

Quality images

14.7 megapixels deliver outstanding quality images and stunning photo prints up to A2 size

Zoom

Genuine Canon 5x optical zoom lens (28mm-140mm) can clearly show distant subjects

Wide-angle lens

28mm wide-angle lens allows you to shoot beautiful landscapes or capture great group shots

RAW Recording

Raw image recording giving you the highest image quality with complete flexibility during processing

Image stability

Optical Image Stabilizer for crisp shots even at high zoom or in low-light conditions without flash

Perfect people shots

Face Detection Technology for perfect focus, exposure and lighting when photographing people

Motion detection

Motion Detection Technology lets you freeze the moment and get clearer action shots

Sharper previews

High resolution 3.0" LCD screen with wide viewing angle and sharing your photos

Sharper Shots

Servo AF ensuring continuous fast focusing of moving subjects

DiGiC
4

DiGiC 4 Image Processor

Canon's DiGiC 4 delivers even higher picture quality and processing speed and comes with a new movie codec for longer recording. Advanced face detection and motion detection including Face Self Timer, i-Contrast and Servo AF as well as Red-eye Correction and high ISO 1600, DiGiC 4 makes it easy to get great photos and movies under any conditions.

PowerShot G10 Technical Specifications

Sensor / Image Processor	
Effective Number of Pixels	Approx. 14.7 MP CCD
Size / Filter Array	1/1.7 inch / Primary colour filter (Bayer)
Processor	DiGiC 4
Lens	
Focal Length (optical)	6.1 (W) – 30.5 (T) mm
35mm film equivalent	28 (W) – 140 (T) mm
f/number	f/2.8 – 8.0 (W) / f/4.5 – 8.0 (T)
Shutter Speed	15 – 1/4000 sec.
Zoom	Optical approx 5x; Digital approx 4x
Image Stabilizer	Optical (Lens Shift Type)
Shooting Functions	
AF System	TTL Autofocus (Single / Continuous), Manual
Focusing Frame	Face Detect ^{1,2} , AiAF (9-points), Center ³ , Flexizone
Face Detection	Auto Focus, Auto Exposure, White Balance, Flash Exposure, Auto Red-Eye correction, Auto Focus Point Zoom, Face Self Timer ⁴
Other Shooting Functions	Servo AF, i-Correction, Auto Focus Assist Beam, Auto Focus Lock
Range	Normal: 50cm – infinity, Macro: 1cm – 50cm
Continuous Shooting (Large/Fine)	Approx 1.3 shots/sec; AF Approx 0.7 shots/sec; LV Approx 0.7 shots/sec
Self-timer	Approx. 10 sec or 2 sec delay, custom, Face Self-Timer ⁴
Remote Shooting	Available (using supplied software)
Control/Balance	
Light Metering Method	Evaluative ⁵ , Center-weighted average, Spot ⁶
Exposure Control Method	Program AE, AE Lock available, Manual, iContrast available, Program Shift, Safety Shift
Exposure Compensation	± 2 stops in 1/3-stop increments
Sensitivity (Equivalent Film Speed)	Auto ⁷ , High ISO Auto ⁸ , ISO 80/100/200/400/800/1600
White Balance Modes	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom 1, Custom 2
LCD Monitor	
Viewfinder	Real-image optical zoom viewfinder with dioptic adjustment
LCD Monitor	3.0 inch LCD monitor with high resolution and wide viewing angle (approx 461,000 dots)
Flash	
Flash Modes	Auto, on, off, Red Eye Correction, Red Eye Reduction, Slow Synchro, Second Curtain Synchro, FE Lock, Safety FE
Flash Range	Normal: 30 cm – 4.6 m (W) 50 cm – 2.8 m (T)
Flash Exposure Compensation	±2 stops in 1/3-stop increments
External Flash Support	Canon EX series Speedlites via Hot Shoe
Selectable Shooting Modes	
Shooting Modes	Auto, P (Program), Tv (Shutter Priority), Av (Aperture Priority), M (Manual), C1, C2, Portrait, Landscape, Night Snapshot, Sports, Special Scene (Indoor, Night Scene, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, ISO 3200, Color Accent, Color Swap)
My Colours	Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom
Image Recording Format	
Still image	JPEG Compression (EXIF 2.2 Compliant)
Colour Space and Compression	sRGB; Superfine, Fine, Normal
Movies	MOV (Image Data: H.264; Audio Data: Linear PCM monaural)
Recording Pixels and recording capacity on a 2GB card	
Still Images and Capacity (at Super Fine Image Setting)	Large: 4416 x 3312 (306), Medium 1: 3456 x 2592 (499), Medium 2: 2592 x 1944 (767), Medium 3/Date Stamp: 1600 x 1200 (1862), Small: 640 x 480 (6830), Widescreen (L): 4416 x 2480 (409), RAW (94)
Movie Frame Rate	Large 640x480: 30fps (23min 49sec), Medium 320x240: 30fps (1hr 13min 10sec)
Other Operations	
Playback Operations	Red-eye Correction, Slideshow, My Category, Index, Resize, Magnified, Image Inspection Tool, Advancing and Reversing through magnified images, Jump, Auto Rotate, Rotate, Histogram, Overexposure Warning, Sound Memos, Auto Play
File Operations	DPOF - Print Order/Image transfer; Movie - unnecessary scenes can be erased; Sound Annotations - max. record/play time is approx. 60 sec; Maximum Recording Length per Clip - until file size reaches 4GB ⁹
Direct Printing, PictBridge	Yes ¹⁰
Interface	
Supported Operating Systems	PC: Windows XP SP2 / Vista; Mac: OS X v10.4 – v10.5
Computer I/F	USB 2.0 Hi-Speed (mini-B compatible)
Video Output	PAL or NTSC selectable
Audio Output	Monaural
Memory Storage	SD Memory Card, SDHC Memory Card, MultiMediaCard, MMCplus card, HC MMCplus card
General Features	
Battery	Rechargeable Lithium-ion Battery NB-7L
Optional Charger/AC Adaptor	CB-2LZE / AC Adapter Kit ACK-DC50 (Compact Power Adaptor CA-PS700, DC Coupler DR-50, Power Cord)
Shooting Capacity	LCD Monitor on 400 shots; LCD Monitor off 1,000 shots and Playback 10 hours
Dimensions (W x D x H)	109.1 x 77.7 x 45.9 mm (ex. protruding parts)
Weight	Approx. 350g

Included as Standard

- Rechargeable Lithium-ion Battery NB-7L
- Battery Charger CB-2LZE
- USB Interface Cable IFC-400PCU, AV Cable AVC-DC300
- Neck Strap NS-DC8
- Digital Camera Solution Disc [ZoomBrowser EX (PC), ImageBrowser (Mac), PhotoStitch, CameraWindows]

Optional Accessories

- AC Adapter Kit ACK-DC50
- Tele-converter TC-DC58D (1.4x), Conversion Lens Adapter LA-DC58K
- Remote Switch RS-60E3
- Soft Case SCDC60
- Waterproof Case WP-DC28 (3x Case Counter-weight WW-DC1)
- High-Power Flash HF-DC1
- Speedlites 220EX, 430EX II, 580EX, 580EX II, and Speedlite Transmitter ST-E2

Disclaimers

- AF frame can be moved and fixed to specified face
- If no face is detected, AiAF (9 point) is used
- AF frame size is selectable
- When number of detected faces increases, the shutter is released at 2 sec delay. However if no face is detected for 30 seconds or more, the shooting operation will start automatically.
- Control to incorporate facial brightness in Face Detect AF
- Fixed to center / Linked to AF frame
- Camera automatically sets the optimal speed according to shooting mode and subject brightness
- Camera automatically sets the optimal speed according to shooting mode, subject brightness and subject movement and camera shake. The ISO speed is relatively higher than Auto.
- Even if the file size has not reached 4GB, the recording stops when the recording time reaches 1 hour. For lesser capacity memory cards, the recording stops when the card becomes full or reaches 1 hour.
- Compatible printer required for direct printing