you can
Canon

PowerShot Pro1

PowerShot Pro1
8.0 MEGA PIXELS
Canon
CANON ZOOM LENS 7.2–50.8mm

Don't compromise.
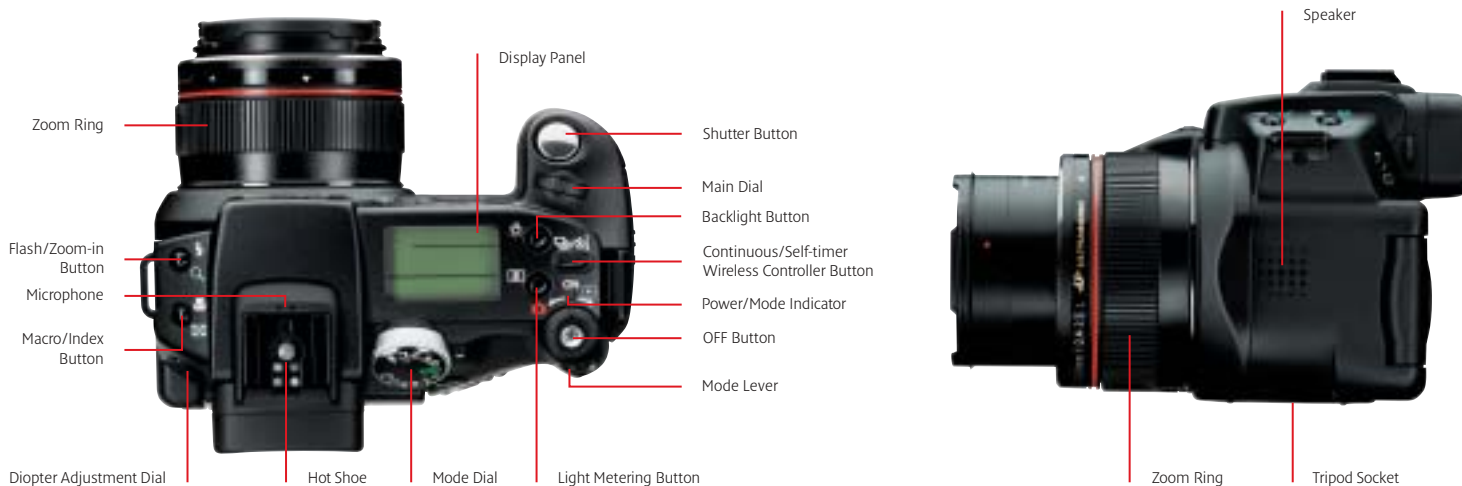
Equipped for anything.

The PowerShot Pro1 has the tools to tackle any job.

The PowerShot Pro1 offers the most extensive array of accessories in the
Canon PowerShot range of digital cameras, enabling you to be as creative as you want.

Built in Flash

Shutter Button

Remote Sensor

Red-eye Reduction Lamp

Strap Mount
AF Sensor

Self-timer Lamp

Lens

Ring Release Button

Viewfinder

Mode Dial

Strap Mount

Monitor Selector Button

Manual Focus/Microphone Button

FUNC/JUMP Button

AE Lock/FE Lock/Erase Button

CF Card/Battery Cover

INFO Button

LCD Monitor

Menu Button

Indicator

Terminal Cover (Digital Terminal,
DC IN Terminal, A/V OUT
(Video/Audio) Terminal)

SET/AF Frame Selector Button

Omni Selector
($\triangle$/Exposure, ∇/White Balance/$\triangleleft\triangleright$)

Speaker

Display Panel

Zoom Ring

Shutter Button

Main Dial

Backlight Button

Flash/Zoom-in
Button

Continuous/Self-timer
Wireless Controller Button

Microphone

Power/Mode Indicator

Macro/Index
Button

OFF Button

Mode Lever

Diopter Adjustment Dial

Hot Shoe

Mode Dial

Light Metering Button

Zoom Ring

Tripod Socket

By enabling the converter mode when installing optical accessories such as the TC-DC58A tele-converter lens and 500D close-up lens, the lens will automatically move to the optimum zoom position.

SPEEDLITES

Macro
Twin Lite
MT-24EX

Macro
Ring Lite
MR-14EX

CONVERSION LENSES

TC-DC58A
Tele Converter
(1.5x)

500D (58mm)
Close-Up Lens

58C
Macro Ring
Lite Adapter
(Required when using the
Macro Ring Lite MR-14EX
in combination with the
500D Close-Up Lens.)

LA-DC58C
Conversion Lens
Adaptor

Lens Cap

WL-DC100
Wireless Controller

LH-DC10
Lens hood

Neck Strap

58MM FILTERS

FA-DC58A
Filter Adaptor

Canon Solution Disk
• ArcSoft
  (photo/video editing software)
• ZoomBrowser/ImageBrowser
• PhotoRecord
• PhotoStitch

SC-DC30
Soft Case

MicroDrives
(Hitachi)

PCMCIA
Card adapter

Speedlite
550EX

Speedlite
420EX

Speedlite
220EX

Speedlite Transmitter
ST-E2

KIT CONTENTS

AVC-DC300
A/V Cable

- - - - - - TV/Video

IFC-400PCU
USB Interface Cable

DIRECT PRINTERS

Canon Compact
Photo Printers
• CP-300
• CP-200

Canon Bubble Jet Direct
Photo Printers
• BJ i9950   • BJ i560
• BJ i990   • BJ i475D
• BJ i965   • BJ i455
• BJ i905D   • BJ i80
• BJ i865
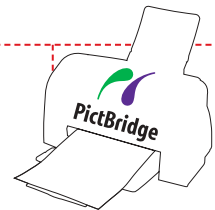
Compliant with all
PictBridge compatible
printers

PC/Mac

DIF-100
Direct Interface Cable*
• Card Photo Printer CP-100
• Card Photo Printer CP-10

*Supplied with printer

DIF-B100
Direct Interface Cable*
• BJ S830D
• BJ S820D
• BJ S530D

CF Card
FC-64MH

BP-511A
Rechargeable
Li-ion Battery

CB-5L
Battery Charger

AC POWER SUPPLY ACCESSORIES

Canon CF Cards
• FC-512MSH
• FC-256MH
• FC-128M
• FC-96M
• FC-64MH

BP-511A/BP-511
Rechargeable
Li-ion Battery

• CG-570 Battery Charge Adaptor (charges 2 batteries in series)
• CB-570 Car Battery Cable (for CG-570)
• CA-560 Compact Power Adaptor (for CG-570)
• CB-5L Battery Charger (charges a single battery)

Specifications **PowerShot Pro1**

IMAGE SENSOR	
Type	2/3" CCD
Effective Pixels	Approx. 8.0M
Total Pixels	Approx. 8.3M
Aspect Ratio	4:3
Colour Filter Type	Primary Colour

IMAGE PROCESSOR	
Type	DIGIC with iSAPS technology

LENS	
Focal Length	7.2 – 50.8 mm (35mm film equivalent: 28 – 200mm)
Zoom	Optical 7.0x, digital approx. 3.2x, combined approx. 22x
Maximum f/number	f/2.4 - f/3.5
Construction	14 elements in 10 groups, L-series lens (1 Fluorite, 1 UD glass & 2 aspherical elements)
Ultrasonic Motor (USM)	YES, zoom

FOCUSING	
Type	Hybrid AF (TTL and external systems)
AF System/Points	1 point AF (any position is available)
AF Modes	Single, Continuous
AF Point Selection	Manual selections using flexizone
Selected AF Point Display	Indicated in viewfinder or on rear LCD panel
AF Lock	Locked when shutter button is pressed half way
Manual Focus	YES
Focus Bracketing	YES
Closest Focusing Distance	3cm (in Super Macro mode)

EXPOSURE CONTROL	
Metering Modes	Evaluative, Centre-weighted average, Spot (centre or linked to focusing frame)
AE Lock	YES
Exposure Compensation	+/- 2 EV in 1/3 stop increments
AEB	1/3 - 2 EV in 1/3 stop increments
ISO Speed Equivalent	AUTO, 50, 100, 200, 400

SHUTTER	
Type	Mechanical shutter & electronic shutter
Speed	15 - 1/4,000 sec. (Slow shutter speeds of 1.3 sec. and more available in Manual and Shutter Priority AE Modes only. Shutter speeds of 1.3 sec. and more operate with noise reduction)

WHITE BALANCE	
Type	TTL
Settings	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Custom (2)

COLOUR MATRIX	
Type	Two types of colour space, sRGB and Adobe RGB

VIEWFINDER	
Viewfinder	EVF (0.44"), approx. 235,000 pixels
Coverage (Vertical/Horizontal)	100%
Eyepoint	12mm
Dioptre Correction	−5.5 – 1.5 dpt
Viewfinder Information	Full information

LCD MONITOR	
Monitor	Vari-angle 2.0" P-Si TFT, approx. 235,000 pixels
Coverage	100%
Brightness	Adjustable to 1 of 2 levels

FLASH	
Modes	Auto, Manual Flash On/Off
HotShoe/ PC terminal	YES/-
X-sync	1/250 sec.
Slow Sync Speed	YES
Red-eye Reduction	YES
Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments
Flash Exposure Lock	YES
Manual Power Adjustment	3 levels with internal flash (13 levels with external EX Speedlites)
Second Curtain Synchronisation	YES
Built-in Flash Range	50cm–5.0m (W)/1.0m – 3.5m (T) (at ISO 100 equivalent)
External Flash	E-TTL with EX series Speedlites, wireless multi-flash support

SHOOTING	
Modes	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom (2), Portrait, Landscape, Night Scene, Stitch Assist, Movie
Photo Effects	Vivid, Neutral, Low Sharpening, Sepia, Black & White, Custom
Drive modes	Single, Continuous
Continuous Shooting	High Speed at approx. 2.5 fps[1] (speed maintained for up to 6 images) Normal at approx. 1.0 fps[1] (speed maintained for up to 18 images)
Intervalometer	Up to 100 shots in 1 – 60 minute increments[2]

RECORDING PIXELS/ COMPRESSION	
Image Size	(L)3264x2448, (M1)2272x1704, (M2)1600x1200, (M3)1024x768, (S)640x480, (RAW)3504x2336
Compression	Superfine, Fine, Normal or RAW (Recording pixels not selectable)
Movies	640x480, 320x240, 160x120, 15fps
Movie Length	Up to 30 seconds (640x480)[2] Up to 3 minutes (320x240, 160x120)[2]

FILE FORMAT	
Still Image Format	JPEG (Exif 2.21 [Exif Print] compliant)/Design rule for Camera File system, RAW, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	AVI [Motion JPEG + WAVE (monaural)]
Sound Files	WAVE (monaural)

DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and Bubble Jet Printers with the Direct Print Function
PictBridge	YES

OTHER FEATURES	
LCD Panel (EL) Illumination	YES
My Camera	Start-up image and camera sounds customisation
Sound Memo	Up to 60 sec. per image
Intelligent Orientation Sensor	YES
Histogram	YES
Playback Zoom	2x – 10x
Display Formats	Single/Index (9 thumbnail images)/Slide Show/ Magnification/Movie
Image Erase Protection	Single image
Image Erase	Single image, all
Self Timer	Approx. 2 or 10 sec.
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Japanese

INTERFACE	
Computer	USB (Mini-B, PTP)
Other	A/V output (PAL/NTSC)

MEMORY CARD	
Type	CompactFlash Type I/II (MicroDrive compatible)[3]

SUPPORTED OPERATING SYSTEM	
PC	Windows 98 (including SE)/2000/Me/XP
Macintosh	OS 9.0 – 9.2, OS X v10.1/v10.2

SOFTWARE	
Browsing & Printing	ZoomBrowser EX (PhotoRecord)/ImageBrowser
Other	PhotoStitch
Drivers	TWAIN (Windows 98/2000), WIA (Windows Me)
Image Manipulation	ArcSoft PhotoStudio, ArcSoft VideoImpression

POWER SOURCE	
Batteries	Rechargeable Li-ion Battery BP-511A/BP-514/BP-511/BP-512 (BP-511A battery and charger supplied)
Battery life	Approx. 420 shots (LCD monitor on) Approx. 420 shots (Electronic viewfinder on) Approx. 400 min. (Playback)
Power saving	Power turns off after 10, 20, 30 sec, 1, 2, 3 mins.
A/C Power Supply	Compact power adapter CA-560

ACCESSORIES	
Case	SC-DC30 Soft Case
Lenses	Tele-converter TC-DC58A/Lens hood LH-DC58A/ Conversion Lens Adaptor LA-DC58C/Filter Adaptor FA-DC58A
Flash	Canon Speedlites (220EX, 380EX, 420EX, 550EX, Macro-Ring-Lite MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2)
Remote Controller/Switch	Wireless Controller WL-DC100 (supplied)
Power Supply & Battery Chargers	AC Power Adaptor CA-560, Battery Charger (single) CB-5L (supplied in camera kit), Battery Charger (Twin) CG-560/570/580, Car Battery Adaptor CR-560, Car Battery Cable CB-560/570

PHYSICAL SPECIFICATIONS	
Body Materials	Plastic
Operating Environment	0 – 40ºC, 10 – 90% humidity
Dimensions (WxHxD)	117.5x72.0x90.3mm (excluding viewfinder-eyepiece & protrusions)
Weight (body only)	approx. 545g

1 Large/Fine with LCD monitor off   2 Depending upon CF card speed and capacity
3 Compatible with 2GB memory cards and larger

Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice. ™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

8.0 MEGA PIXELS   **22x** ZOOM Optical & Digital Combined   **28mm*** WIDE ZOOM ★35mm equivalent   **FLUORITE** **L** Lens   **ULTRASONIC**   **Hybrid** AF   DiGiC

FlexiZone AF/AE CONTROL   **PictBridge**   **DIRECT PRINT**   **BUBBLE JET DIRECT**   CANON iMAGE GATEWAY   **Exif Print**   DPOF   Designed for Microsoft® Windows®XP