PowerShot SX20 IS
Digital Still Camera

Canon
advanced simplicity®

An impressive 20x zoom, HD video and creative control to get more out of your photography

Powerful

The PowerShot SX20 IS boasts an impressive wide 20x zoom lens allowing you to get close to the action. Canon's superior Optical Image Stabilizer ensures that you get crisp shots even at high zoom. With full manual control and a 2.5" vari-angle screen in an ergonomic design, the PowerShot SX20 IS lets you get creative and explore your photography.

With the new Intelligent Auto mode you can take photos while letting the camera adjust the optimum settings; detecting faces and up to 22 scenes (macro, backlit, sunset etc) ensuring you get the perfect shot.

Key Features

Precision image quality
- 12.1 megapixels
- 28mm wide angle lens
- Genuine Canon 20x Optical Zoom lens
- Optical Image Stabilizer
- DiG!C 4 Processor
- Intelligent Auto
- Motion Detection
- Intelligent Contrast Correction
- ISO 1600

Perfect portraits of family & friends
- Face Detection and Selector
- Face Detection Self-timer and Track
- Red-eye Correction
- Blink Detection

Digital photography made easy
- 2.5" vari-angle LCD screen (230,000 dots) and Electronic Viewfinder
- Zero cm super macro shooting
- High Speed Shooting
- Full creative control

12.1 MEGA PIXELS

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

20× WIDE ZOOM

Super Zoom
Genuine Canon 20x optical zoom lens (28mm-560mm) can clearly show distant subjects

28-560mm* F2.8-5.7 *35mm equivalent

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

OPTICAL IMAGE STABILIZER

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

Intelligent AUTO

Intelligent Auto
New Auto mode with Scene Detection, Face Detection, Motion Detection and Noise Reduction makes it even easier to get the perfect shot

2.5" LCD Vari-angle

Sharper Previews
2.5" vari-angle LCD screen for high or low angle shooting

0cm 0in. macro

Macro Shooting
Zero cm macro shooting allowing you to get as close to the subject as possible for spectacular close ups

DiG!C 4

DiG!C 4 Image Processor
Delivers higher picture quality with faster processing speed

HD MOVIE STEREO SOUND

High Definition Movies (1280x720)
Shoot High Definition movies and view easily on TV with an optional HDMI cable

TruCapture

Optical Image Stabilizer

DiG!C Colour Processor

Intelligent Auto Technology

Subject to change without notice

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PowerShot SX20 IS Technical Specifications

Sensor / Image Processor	
Effective Number of Pixels	Approx. 12.1 MP CCD
Size / Filter Array	1/2.3 inch / Primary colour filter (Bayer)
Processor	DiG!C 4
Aspect Ratio	4:3
Lens	
Focal Length (optical)	5.0 (W) - 100.0 (T) mm
35mm film equivalent	28 (W) – 560 (T) mm
f/number	f/2.8 - 8.0 (W), f/5.7 - 8.0 (T)
Shutter Speed	1 – 1/3200 sec.
Zoom	Optical approx 20x; Digital approx 4x
Image Stabilizer	Optical (Lens Shift Type), approx 4 steps
Shooting Functions	
AF System	TTL Autofocus (Single / Continuous), Manual
Focusing Frame	Face Detect with movie support[1,2], Center[3], Flexizone
Face Detection	Auto Focus, Auto Exposure, White Balance, Flash Exposure, Auto Red-Eye correction, Auto Focus Point Zoom, Face Tracking, Face Self Timer[4.]
Other Shooting Functions	Servo AF, i-Correction, Auto Focus Assist Beam, Auto Focus Lock
Range	Normal: 50cm – infinity, Macro: 10cm - 50cm, Super Macro: 0cm – 10cm
Continuous Shooting (Large/Fine)	Approx 1.0 shots/sec; AF Approx 0.7 shots/sec; LV Approx 0.8 shots/sec
Self-timer	Approx. 10 sec or 2 sec delay, custom, Face Self-Timer[4]
Control/Balance	
Light Metering Method	Evaluative[5], Centre -weighted average, Spot[6]
Exposure Control Method	Program AE, AE Lock available, Manual, Intelligent Contrast Correction, Program Shift, Safety Shift
Exposure Compensation	± 2 stops in 1/3-stop increments
Sensitivity (Equivalent Film Speed)	Auto[7], ISO 80/100/200/400/800/1600
White Balance Modes	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Custom
Viewfinder / LCD Screen	
Viewfinder	Electronic viewfinder with dioptric adjustment and 5 levels of brightness adjustments
LCD Screen	2.5 inch vari-angle LCD monitor with high resolution (approx 230,000 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: 50cm – 6.8 m (W), 1m – 3.7 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	Intelligent Auto (with Scene Detection), P (Program), Tv (Shutter Priority), Av (Aperture Priority), M (Manual), C (Custom), Portrait, Landscape, Night Snapshot, Sports, Special Scene (Indoor, Night Scene, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium, ISO 3200, Color Accent, Color Swap), Movie
My Colours	Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color
Image Recording Format	
Still image	JPEG Compression (EXIF 2.2 Compliant)
Colour Space and Compression	sRGB; 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 Fine Image Setting	Large: 4000 x 3000 (626), Medium 1: 3264 x 2448 (930), Medium 2: 2592 x 1944 (1365), Medium 3: 1600 x 1200 (3235), Small: 640 x 480 (10245), Widescreen: 3840 x 2160 (903)
Movie Frame Rate	HD 1280x720 30fps (10min 33sec), 640x480: 30fps (22min 45sec), 320x240: 30fps (1hr 4min 1 sec)
Other Operations	
Playback Operations	Red-eye Correction, Slideshow, My Category, Index, Resize, Resizing of widescreen images, Magnified, Image Inspection Tool, Advancing and Reversing through magnified images, Jump, Auto Rotate, Rotate, Histogram, Overexposure Warning, 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/SP3, Vista incl SP1/SP2; Mac: OS X v10.4- v10.5
Computer I/F	USB 2.0 Hi-Speed (mini-B compatible), HDMI mini connector
Video Output	PAL or NTSC selectable
Audio Output	Stereo
Memory Storage	SD Memory Card, SDHC Memory Card, MultiMediaCard, MMCplus card, HC MMCplus card
General Features	
Battery	Size AA Alkaline battery (x4) or Size AA rechargeable NiMH battery (x4) NB4-300/NB4-200
Optional Charger/AC Adaptor	CBK4-300 / Compact Power Adaptor CA-PS700
Dimensions (W x D x H)	124 x 88.3 x 86.9 mm (ex. protruding parts)
Weight	Approx. 560g

Included as Standard
- 4 x AA Alkaline Batteries
- USB Interface Cable IFC-400PCU, Stereo Video Cable STV-250N
- Neck Strap NS-DC4
- Lens Cap
- Digital Camera Solution Disc [ZoomBrowser EX (PC), ImageBrowser (Mac), PhotoStitch, CameraWindows]

Optional Accessories
- CBK4-300 / Compact Power Adaptor CA-PS700
- Lens Hood LH-DC50
- High-Power Flash HF-DC1
- Speedlites 220EX, 270EX, 430EX II, 580EX, 580EX II
- Leather Case PSCL2

Disclaimers
1. AF frame can be moved and fixed to specified face
2. If no face is detected, AiAF (9 point) is used
3. AF frame size is selectable
4. 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.
5. Control to incorporate facial brightness in Face Detect AF
6. Fixed to center / Linked to AF frame
7. Camera automatically sets the optimal speed according to shooting mode and subject brightness
8. 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.
9. 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.
10. Compatible printer required for direct printing

Subject to change without notice