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DSC-QX100/B

Smartphone Attachable Lens-Style Camera

The world's first pro-grade lens and sensor combo that clips to your smartphone. Now you can shoot breathtaking, DSLR-quality pics and instantly share them online for more "likes" than ever. Sporting a 1" sensor and a Carl Zeiss f/1.8 lens, this innovative camera captures beautifully defocused backgrounds for that professional look you crave. It's a dream come true for lovers of photography—and convenience.



Key Features

Attach to turn your smartphone¹ into a DSLR-like quality camera

Simply attach the compact and lightweight DSC-QX100 to turn your smartphone¹ into a professional grade camera to capture beautiful DSLR-like 20MP still photos.

NFC/Wi-Fi® allows simple, one-touch connection to smartphones

The DSC-QX100 allows One-touch connection with smartphone via Wi-Fi® thanks to NFC. Shoot from your iOS or Android smartphone² and record images with the quality of dedicated camera device.

Shoot and enjoy images thru the smartphone's large LCD screen³

All of the DSC-QX100's features can be accessed via your smartphone's LCD screen³ and the free PlayMemories™ Mobile App.

Conveniently save images on both camera phone memory

Images are conveniently saved to both camera and smartphone's memory automatically. With the free PlayMemories™ Mobile App you'll then be able to hit "Share" on App to organize, edit and share anytime, anywhere.

Use Apps to edit and share photos instantly online

Millions of smartphone Apps to choose from for editing and sharing via text, email and various socials like Facebook and Instagram on the fly.

Uncouple from phone and hold or mount for flexible shooting

The DSC-QX100 can also be used uncoupled from the smartphone. Hold the camera in one hand and your phone in the other, or use the universal tripod screw to mount your camera to any number of mounts to experience versatile, freestyle shooting.

Get the shots you want w/ manual control via smartphone¹

Intuitively control zoom, aperture, exposure, white balance, focusing and more with the free PlayMemories™ Mobile App.

Impeccable low light performance thanks to large 1" sensor

The DSC-QX100 sports a back-illuminated 20MP large 1" Exmor R® CMOS sensor to produce professional images that far surpass those captured on any smartphone. The sensor is exceptionally sensitive, producing images with less grain even in low light situations.

Bright F1.8 Carl Zeiss® lens with 3.6x optical zoom

Zoom in up to 3.6x on a renowned Carl Zeiss® Vario-Sonnar T* zoom lens with large F1.8 aperture lets you accurately capture the subtle atmosphere of every scene and achieve beautiful background and foreground defocusing.

High-quality 1080/30p HD video with low grain even in low light

Record high quality 1080/30p HD video even in low lighting situations. The MP4 format is ideal for enjoying and sharing your HD movies on your smartphone, PC, Mac® computer or the internet.

Specifications

Imaging Sensor	
Imaging Sensor	1.0" Exmor R® CMOS sensor
Processor	BIONZ® image processor
Pixel Gross	20.9M pixels (approx.)
Color Filter System	RGB primary color mosaic filters
Recording	

Media Type	Memory Stick Micro / microSD Memory Card / microSDHC Memory Card
Color Space	sRGB
Still Image Size 16:9	L: 17M (5,472 x 3,080) S: 4.2M (2,720 x 1,528)
Still Image Size 1:1	L: 13M (3,648 x 3,648) S: 3.7M (1,920 x 1,920)
Still Image Size 3:2	L:20M (5,472 x 3,648) S:5M (2,736 x 1,824)
Still Image Size 4:3	L:18M(4,864 x 3,648) S: 5M(2,592 x 1,944)
Video Mode	MP4: 12M (1440 x 1080, 30 fps)
Microphone/Speaker	Built-in Stereo Microphone
Still Image File Format	JPEG (DCF, Exif, MPF Baseline) compliant, DPOF compatible
Optics/Lens	
Lens Type	Carl Zeiss® Vario-Sonnar T*
Aperture (Max.)	F1.8 (W), F4.9 (T)
Optical Zoom	3.6x (Optical Zoom during movie recording)
Focal Length (35mm equivalent)	(Still Image 3:2) f = 28-100mm (Still Image 16:9) f = 29-105mm (Still Image 4:3) f = 30-108mm (Still Image 1:1) f = 36-127mm (Movie 16:9) f = 29-105mm (SteadyShot Standard), f = 33-120mm (SteadyShot® Active Mode) (Movie 4:3) f = 36-128mm (SteadyShot® Standard), f = 41-146mm (SteadyShot Active Mode)
Lens Construction	7 elements in 6 groups (4 aspheric elements including AA lens)
Aperture Blade	Iris diaphragm (7 blades)
Clear Image Zoom	3.6x
Steady Shot Mode:Active	(Still image) Optical SteadyShot™ Image stabilization (Movie) Optical SteadyShot™ image stabilization with Active Mode
Focus Control	
Focus System	Contrast-detect AF
AF Modes	Single-shot AF / Manual Focus / Touch AF
Exposure System	
Metering Modes	Multi Pattern
Exposure Compensation	+/- 3.0 EV, 1/3 EV step
Exposure Settings	(Still) Superior Auto, Intelligent Auto, Program Auto, Aperture Priority, Movie Mode
ISO	(Still Image) ISO160-6400(iAuto), ISO160-25600(Superior Auto), ISO160-3200(Program Auto), ISO160-3200(Aperture Priority)
White Balance Mode	Auto / Daylight / Shade / Cloudy / Incandescent / Fluor (Warm White) / Fluor (Cool White) / Fluor (Day White) / Fluor (Daylight) / Flash / C. Temp., Filter / Custom
ISO Sensitivity (Movie)	(Movie) Auto (ISO 160 - 3200)
Drive System	
Self-timer	10 sec. / 2 sec.
Shutter Speeds	iAuto (4 - 1/2000) / Program Auto (1 - 1/2000) / Aperture Priority (8 - 1/2000)
Advanced Features	
Image Stabilization	(Still Image) Optical SteadyShot™ image stabilization (Movie) Optical SteadyShot™ image stabilization with Active Mode
Priority Setting (for Face Detection)	Yes (eight faces max)
Interface	
NFC	Yes (NFC forum Type 3 Tag compatible)
Wi-Fi	Yes

USB Port(s)	USB 2.0 Hi-speed
A/V Remote Terminal	Multi/Micro USB Terminal*6 , Hi-Speed USB (USB2.0)
Tripod Mount	Yes
Weights and Measurements	
Dimensions (Approx.)	2 1/2" x 2 1/2" x 2 1/8" (62.5mm x 62.5mm x 52.2mm)
Weight (Approx.)	With Battery and Memory Stick_micro 0lb 6.3oz (179.0g)
Weight(Approx) (Main unit only)	0lb 3.2oz. (90g)
Power	
Battery Type	InfoLITHIUM® NP-BN (3.6V)
Number of Still Images	Approx. 200 images
Power Consumption (in Operation)	Approx. 1.2W
Service and Warranty Information	
Limited Warranty Term	1 Year Parts 90 days labor
Accessories	
Supplied Accessories	Rechargeable Battery Pack NP-BN Micro USB cable Wrist Strap Smartphone attachment Instruction Manual Battery DC3.6V

1. Compatible with virtually all iOS and Android smartphones. Smartphone case or protective cover may prevent attachment.

2. One-touch connection requires NFC on smartphone. Smartphones without NFC can connect through Wi-Fi settings.

3. Compatible with virtually all iOS and Android smartphones. Use of PlayMemories™ mobile App is required to operate camera from smartphone.

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