

SONY
make.believe

DSC - RX1



RX1

Cyber-shot

THE POWER OF IMAGING

(actual size)



DSC - RX1

Full frame. Palm size.

Sony's passion for quality and compactness culminates in the world's first 35mm full-frame camera with bright lens and palm-sized dimensions. This ideal combination of elements is an important breakthrough that photographers around the world have been waiting for. Only Sony dedication, diligence and expertise could make it happen and today the RX1 is here. For the first time there is a truly professional, full frame compact camera that will exceed your highest expectations. With the RX1 you can make images of extraordinary quality wherever you go.

Sony innovation has made it happen

Truly professional image making from a palm size camera has long been an aspiration for manufacturers and photographers alike. Sony has achieved that goal with the RX1. We left convention behind and reconsidered every aspect of camera design. We have combined α imaging technology and Cyber-shot® miniaturization in a unified lens/body with minimal space between the image sensor and lens, and created the RX1.

Three advances fine-tuned as one

Settling for nothing less than the best possible image quality, Sony aligned the bright 35mm Carl Zeiss® lens and 35mm full-frame image sensor with a precision beyond anything possible in interchangeable lens cameras. The performance of the lens, sensor and imaging engine were also fine-tuned to perfectly complement each other to achieve image quality never seen before in a compact user-friendly camera.







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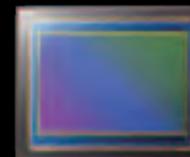
宗永福徳

神人和



Aperture Priority, 1/30 sec., F2.8, +0.7 EV, ISO 100

The power to produce art



Exmor
CMOS Sensor

FULL
FRAME

New 35mm full-frame 24.3-megapixel Exmor[®] CMOS sensor*

Sony's proprietary 35mm full-frame CMOS sensor faithfully captures every detail of your scene with remarkable accuracy. Its stunning 24.3 effective megapixel resolution (approx.) is ideal for large-format prints and frees you to casually frame images for later trimming while maintaining more than ample resolution. You'll enjoy extremely low noise and gradations that are amazingly rich and subtle thanks to a dynamic range 2.4x wider than that of Sony's DSLR-A900 interchangeable lens camera. In addition, razor-sharp alignment of the sensor and optical components — made possible by the RX1's unified lens/body design — brings out the full potential of the lens to the very edges of your photos.

*Approximate effective resolution



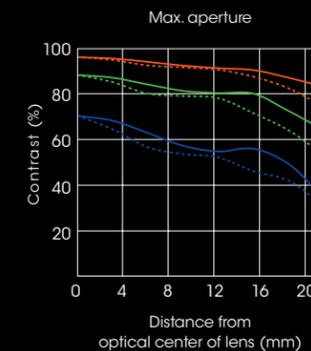
Aperture Priority, 1/25 sec., F5.6, +0.7 EV, ISO 100

The precision to bring out every detail



Bright Carl Zeiss® Sonnar T* 35mm F2 fixed focal length lens

Carl Zeiss lens expertise meets Sony optical Precision in a sophisticated large-aperture lens that earns the coveted "Sonnar" name by offering remarkable brightness (superior light-capturing capabilities) reminiscent of the sun, or "Sonne" in German. The new optical design of this highly accurate lens includes a slim Advanced Aspherical (AA) lens element of micro precision that delivers stunning image sharpness and brightness while contributing to a short lens barrel. Whether taking casual snapshots, highly precise close-ups, or meticulously composed landscapes and portraits, the Carl Zeiss Sonnar T* 35mm F2 fixed focal length lens ensures exceptional image quality.



Spatial frequency	R	T
10 line pairs / mm	—	—
20 line pairs / mm	—	—
40 line pairs / mm	—	—

R: Radial values T: Tangential values

Comfortable and precise macro photography

Rotating the macro switch ring on the lens barrel activates macro mode, which shortens the minimum focus distance to 7.87 inches between the lens and imaging plane for macro photography. Shooting comfort is enhanced by the lack of lens protrusion and you can take advantage of other features that enhance focusing precision — including Direct Manual Focus (DMF), Manual Focus (MF), MF Assist, the peaking function and/or the optional FDA-EV1MK electronic viewfinder (sold separately) — during macro shooting to achieve exactly the focusing effect you desire.



Beautiful bokeh via nine aperture blades

Nine aperture blades form a diaphragm opening that is nearly perfectly round throughout the most commonly used aperture range of F2.0 to F11. This contributes to foreground and background defocusing that is especially smooth and genuinely beautiful.





Aperture Priority, 1/13 sec., F2.0, -1.3 EV, ISO 1600

Superb clarity in any lighting



BIONZ

High-fidelity BIONZ® image processing engine

From vivid colors to smooth skin textures and faint rays of light, every nuance of your scene is faithfully reproduced throughout an extremely wide dynamic range. This accurate depiction is made possible by Sony's sophisticated BIONZ image processing engine, which expertly processes every detail captured by the high-resolution 35mm full-frame CMOS sensor. Even the most processor-intensive tasks are handled with amazing speed and precision, including up to 5 fps continuous shooting* at full 24.3 effective megapixel resolution, rich 14-bit RAW format conversion and high-sensitivity shooting up to ISO 102400.

*Focus is fixed at the distance determined by the first frame. Actual shooting speed may vary depending on shooting environment and memory card.

Noise-reducing Multi Frame NR

In extremely dark environments that demand high ISO settings, Multi Frame NR automatically composites six images taken continuously at high speed to enhance noise reduction. The extremely clear results allow usage of higher sensitivity settings — up to a maximum ISO 102400, the highest in any compact digital camera. Multi Frame NR is compatible with all ISO settings and all P/A/S/M modes (Auto, Aperture priority, Shutter speed priority and Manual modes), allowing you to prioritize the shutter speed or aperture when desired while ensuring stunningly clear results.



Wide-ranging sensitivity

The RX1 provides a wide default sensitivity range of ISO 100 to 25600. Its highly sensitive 35mm full-frame sensor, bright lens with maximum F2 aperture, and sophisticated image processing technology collaborate with utmost precision to deliver both high sensitivity and low noise throughout the entire sensitivity range. In the Auto ISO mode, you can limit sensitivity to any range between ISO 100 and 25600 to match your desired shooting intentions. Sensitivity can also be extended downward to ISO 50**.

**The recordable dynamic range narrows at sensitivity levels below ISO 100.



ISO3200 ISO6400 ISO12800 ISO25600

High-speed up to 5 fps continuous shooting

When subjects are moving quickly, you can capture the decisive moment by shooting continuously up to 5 frames per second — while maintaining maximum image quality at full 24.3 effective megapixel (approx.) resolution.

Note: Speed Priority Continuous Shooting mode uses the focus and exposure settings established for the first shot for all subsequent ones. Actual shooting speed may vary depending on shooting environment and memory card.





Beauty in motion

Fluid Full HD movie recording

As when capturing photographs, you can take full advantage of the bright lens and sensitive 35mm full-frame sensor to create movies of breathtaking quality in various lighting. Movies are recorded at Full HD resolution (1920 x 1080 pixel) in the AVCHD™ Ver. 2.0 progressive format, and you can record at a speedy 60 fps to enable super smooth playback, 24 fps to create a more cinematic look, or other frame rates for other

effects. Full-time continuous AF ensures clear results even when capturing fast-moving subjects. In addition, Creative Style settings and Picture Effect expand your moviemaking creativity while P/A/S/M modes enable manual exposure control.



AVCHD
Progressive



Meticulously crafted controls

Easy, intuitive operation

Controls are optimized so you can intuitively adjust camera settings while framing the subject. Simply rotate the rings around the lens barrel with your left hand to fine-tune the focus, adjust the aperture or activate macro photography. Rotate the front-mounted dial to select a focus mode. Or use the fingers of your right hand to operate the top-mounted mode dial, exposure compensation dial, custom button, AEL button, etc. All controls are positioned for natural operation.

Quick Navi simplifies navigation

Easier to navigate than conventional menus, Quick Navi lets you confirm current camera settings at a glance and promptly change settings with the cross keys and control dial/wheel. User-friendly icons further contribute to easy operation that doesn't require looking into menus — a capability that especially comes in handy when using the optional viewfinder.



Customizable buttons personalize operation

For the ultimate in user-friendly operation, you can easily reassign five buttons to activate other functions you frequently use. These buttons (Custom, AEL and Left/Right/Down) can be reassigned to activate any of the following functions: Drive mode, Flash mode, Autofocus Area, Face Detection, Smile Shutter, Auto Portrait Framing, Soft Skin Effect, ISO, Metering mode, Flash Compensation, White Balance, DRO, Auto HDR, Creative Style, Picture Effect, Image Size, Quality, Registration, AEL hold*, Spot AEL hold*, AEL toggle, Spot AEL toggle, AF/MF Control Hold*, AF/MF Control Toggle, Smart Teleconverter, Zoom, Focus Magnifier, Aspect Ratio, Monitor Mute and Not set.

*Cannot be assigned to left, right and down buttons.

Memory Recall (MR) memorizes combined settings

Whenever you find a perfect combination of camera settings for a certain type of shooting situation, you can save it in memory by using the Memory Recall mode. Should a similar situation arise, you can immediately activate the saved combination via dial. This mode can memorize up to three groups of settings (including exposure modes, shutter speed, Drive mode, ISO, White Balance, Metering modes, etc.).

Grid lines support balanced compositions

You can display grid lines on the LCD to support more accurate horizontal and vertical alignment of the camera with walls, streets and other elements in your scene. There are three styles to choose from (Rule of 3rds Grid Line, Square Grid Line, and Diagonal + Square Grid Line). For extra assistance, the Dual-axis Digital Level Gauge can be used to check for camera roll and pitch.



Camera is tilted.

Camera is level.

Bright high-resolution display

The 3.0-inch (7.5cm) 1,229k-dot** Xtra Fine LCD™ enhances shooting ease by displaying scenes with impressive brightness and accuracy. Brightness is boosted by the white pixels of WhiteMagic™ technology, while blacks are displayed blacker thanks to various Sony technologies including an AR (anti-reflection) coating on the LCD surface and a layer of resin between the LCD and reinforced glass that together suppress light reflection even when shooting outdoors. An illumination intensity sensor also optimally adjusts brightness depending on your shooting environment.

WhiteMagic™

**The effective displayable resolution is equivalent to VGA (640 x 480).



One of a kind



Lens hood, thumb grip and optical viewfinder shown above are recommended accessories and sold separately.

Landmark design

Through innovation, experience and intense camera history research, Sony succeeded in stylishly combining a bright F2 lens and 35mm full-frame sensor within compact dimensions. Stripped down to the very essence of a precision photographic instrument, the RX1 represents a genuine milestone in camera design.



Streamlined simplicity

Like a single streamlined block of sculpted magnesium alloy, the body of the RX1 is trimmed of excess elements. Every component, from textured lens to precision controls, is meticulously refined to enhance operational ease and enhance the pleasure of ownership.



Refined balance

The body strikes a refined balance of flat surfaces and curves accented by precision engravings and boldly projecting controls. The ergonomic grip and front dial were meticulously refined to create the impression of a body-centered lens in a form that is both functional and attractive.



Creative functions

Finer focusing via MF Assist and Peaking functions

During manual focusing, use MF Assist to enlarge the displayed image up to 11.7x (approx.) and more clearly see the results of your finest focusing adjustments. A Peaking function can also be activated to enable focusing confirmation at a glance by colorizing the most sharply focused areas.



Peaking colorizes focused areas for confirmation.

MF Assist magnifies the image to support finer focusing.

The expanded detail of High Dynamic Range photos

Auto HDR expands the dynamic range, from the darkest shadows to the brightest highlights, to capture all the tonal gradations you can see with your naked eye. It does this by shooting three images at different exposures and superimposing the best details from each — in the highlights, mid-tones and shadows. Effective in all types of lighting, Auto HDR also gives you the freedom to limit the exposure range when desired.

More natural gradations through D-range Optimizer (DRO)

In difficult lighting conditions such as backlit scenes, DRO analyzes and corrects your image in real time to achieve smoother, more natural gradations with more detail in the highlights and shadows that more closely match what you see with your naked eye. You can choose the amount of correction up to 5 steps and even apply DRO during continuous shooting to achieve better results during sports photography.

Note: The effects of DRO vary depending on the scene and conditions.

White balance versatility for desired color tones

Auto White Balance (AWB) produces more natural colors by compensating for the type of lighting in your scene. The RX1 also provides a full range of white balance presets (Daylight, Incandescent, Fluorescent, etc.) a Color Temperature & Color Filter function, and Custom white balance adjustment options. You can even intuitively adjust white balance on a chart — in the amber-blue and green-magenta directions — during real-time monitoring of your scene* to achieve desired colors.

*When a flash is used, the color tone can be adjusted after the image is shot.



Image Data Converter Ver. 4.2 RAW image development software

This powerful PC software provides advanced features for developing, editing and managing your 14-bit RAW (Sony ARW format) images. For example, you can expertly adjust exposure, white balance, tonal curves and more to match your creative intentions; convert the color space; save images in the JPEG, 16-bit TIFF and other formats; create thumbnail portfolios with image ratings; or apply Creative Style settings. The software can be downloaded for free from the Internet.

Big-screen HD viewing of photos and movies



A built-in HDMI terminal makes it easy to transfer photos and movies to an HDTV for dramatic large-screen viewing at Full HD standard resolution**. Sony BRAVIA series TVs also support PhotoTV HD, which displays photos and movies with more natural gradations and color tones. If the BRAVIA TV is compatible with the BRAVIA Sync function, the camera can also be controlled from the TV's remote control unit.

**1920 x 1080 pixels. Requires optional micro HDMI cable.

Easier success with bracket shooting

The bracket shooting feature makes it easy to take better photos. It shoots multiple images that vary in your choice of exposure, D-Range Optimizer correction level or white balance settings, letting you compare the results and choose the best shot. The "continuous bracket" mode automatically shoots 3 or 5 images with one press of the shutter button, while the "single bracket" mode shoots one image with each press of the shutter button and lets you take up to 5 shots. You can also choose the amount of variation between shots: Exposure can be varied by 1/3, 2/3, 1, 2 EV or 3 EV steps, while D-Range Optimizer and white balance provide low and high (small and large variation) settings.

Compensation for the effects of natural lens distortion

The lens distortion compensation function, which can be deactivated from the custom menu, automatically compensates for the peripheral shading, chromatic aberration and distortion characteristics of the lens.

The flexibility to shoot in 14-bit RAW + JPEG

Recording images in the 14-bit RAW (Sony ARW) format ensures the best possible quality for later image adjustment (via Image Data Converter or other software). You can also save images in the JPEG format for convenient sharing of images, etc.

Character-enhancing Creative Style settings

Give your still images — as well as movies — an appropriate mood by applying any of 13 Creative Style settings, including Standard, Vivid, Neutral, Portrait, Landscape, Sunset, Black & White, Clear and Deep. The camera automatically adjusts color and other image parameters while letting you fine-tune contrast, saturation* and sharpness to suit your personal preference and achieve just the right finishing touch.

*Not available when B/W mode is selected.



Clear

Light

Picture Effect for more artistic photos and movies

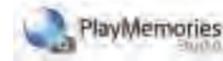
Transform ordinary landscapes and portraits into truly unique images by applying any of 13 Picture Effect settings — including Retro Photo, Rich-tone Monochrome, Soft Focus and Watercolor. You can even give movies an artistic twist by applying Toy Camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, or High-contrast Monochrome.

PlayMemories™ Home (Lite Edition)



The RX1 comes preinstalled with PlayMemories Home (Lite Edition) software, which lets you download still images to the camera and then manage, edit and print them. A full PC software version can be downloaded from the Internet to allow movie editing, disc burning, saving images in external devices and uploading images to websites.

PlayMemories™ Studio on your favorite game console



Now you can enjoy editing, managing and viewing photos and movies on your PlayStation®3. This optional software facilitates speedy searching of photos and movies via timeline and map views. You can edit your images by adding unique sounds and movement, combining photos and movies, and utilizing various other game-like functions. It even lets you easily upload images via the Internet to PlayMemories Online and other Websites.

PlayMemories™ Online for easy uploading and viewing



This super convenient cloud-computing service lets you upload photos and movies with ease and view them at any time on BRAVIA TVs, tablet computers and other devices. You can also easily upload images from PlayMemories Online to Facebook, YouTube and other social networking sites. For details, visit <http://playmemoriesonline.com>

Notes: PlayMemories Online is supported by BRAVIA models introduced since 2011 (excluding models with recording function). PlayMemories Online supports Android and iOS.

Controls and dials



Actual size

- 1. Hook for shoulder strap
- 2. AF illuminator / Self-timer lamp
- 3. Lens
- 4. Focus mode dial
- 5. Lens hood index
- 6. Aperture ring
- 7. Macro switching ring
- 8. Focusing ring
- 9. Flash pop-up switch
- 10. Light sensor
- 11. LCD screen
- 12. Playback button
- 13. Control dial
- 14. MOVIE button
- 15. For shooting: AEL (AE lock button)
For viewing: Enlarge button

- 16. For shooting: Fn (Function) button
For viewing: Image index button
- 17. Control wheel
- 18. Delete button
- 19. MENU button
- 20. Aperture index / Macro switching index
- 21. Microphone*
- 22. Flash**
- 23. Multi Interface Shoe***
- 24. Image sensor position mark
- 25. Power switch
- 26. Custom button
- 27. Shutter button
- 28. Exposure compensation dial
- 29. Mode dial

*Covering this part while recording movies may cause noise or lower the volume.

**While sliding the flash pop-up switch, be careful not to block the flash unit as it pops up. After using the flash, be careful not to pinch your fingers while pressing it back into place.

***Only the optional FDA-EV1MK viewfinder (sold separately) supports the camera's electronic viewfinder display functions.

Recommended accessories

Optical Viewfinder Kit FDA-V1K

Enhance framing and composition with this optical viewfinder. Cutting-edge Carl Zeiss® optics provide a bright, clear view.



Electronic Viewfinder Kit FDA-EV1MK

This XGA OLED Tru-Finder™ electronic viewfinder boasts high resolution, ultra clarity and detail. Enjoy nearly 100% field coverage, so you'll see everything the sensor sees for confident framing and composition.



Jacket Case LCJ-RXB/B

Keep your RX1 camera safe and close at hand with this tripod-friendly, genuine leather jacket case.



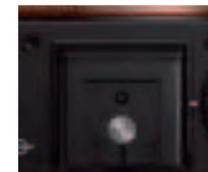
Thumb Grip TGA-1

Enjoy a more comfortable and stable shooting experience with this convenient thumb grip accessory. The beautiful and functional design was made to match your RX1 camera for a seamless, sophisticated look.



Multi Interface Shoe expands your options.

The new Multi Interface Shoe supports a wide range of accessories for both still and video photography. This includes flash units, an electronic viewfinder, optical viewfinders, thumb grips and clip-on LCD monitors.



Accessories System Chart



Specifications	
Image Sensor	
Sensor Type	35mm full-frame (35.8mm x 23.9mm) Exmor [®] CMOS Sensor, aspect ratio 3:2
Number of Pixels	[Effective] Approx. 24.3 megapixels [Gross] Approx. 24.7 megapixels
Lens	
Lens Type	Carl Zeiss Sonnar T* 8 elements in 7 groups (3 aspherical elements including AA lens)
Max. Magnification Standard/Macro	0.15x / 0.26x (By Macro Switching Ring)
F-number (maximum aperture)	F2
Aperture Type	Iris diaphragm (9 blades)
Focal Length (f=)	f=35mm [Still image 3:2] f=35mm [Still image 16:9] f=37mm [Movie 16:9] f=44mm (SteadyShot On), f=37mm (SteadyShot Off) [Movie 4:3] f=48mm (SteadyShot On), f=45mm (SteadyShot Off)
Focus Range (from the front of the lens)	AF approx. 24cm to infinity (Normal mode), approx. 14cm to 29cm (Macro mode)
Focus Range (from the focal plane)	AF approx. 30cm to infinity (Normal mode), approx. 20cm to 35cm (Macro mode)
Clear Image Zoom ¹	Still Image 2x
Digital Zoom	Still Image 24M approx. 4x / 10M approx. 6.1x / 4.6M approx. 9.1x Movie Approx. 4x
Filter Diameter	49mm
Screen	
Screen Type	7.5cm (3.0 type) (4:3) / 1,229,000 dots / Xtra Fine / TFT LCD
Brightness Control	Auto / Manual (5 steps) / Sunny Weather mode
Camera	
SteadyShot	Electronic type (for movies)
Focus Type	Contrast-detection AF
Focus Mode	Auto Focus (AF) / Direct Manual Focus (DMF) / Manual Focus (MF)
Focus Area	Multi point AF (25 points) / Center weighted AF / Flexible spot / Flexible spot (tracking focus) / Flexible spot (face tracking)
Light Metering Mode	Multi segment / Center weighted / Spot
Exposure Compensation	+/- 3.0 EV, 1/3 EV step
ISO Sensitivity (still image) ²	ISO 100-25600 (1/3 EV step, expandable to ISO 50/64/80) Auto: ISO 100-25600, selectable with upper / lower limit Multi Frame NR: Auto (ISO 100-25600, selectable with upper / lower limit), 100-102400 (1 EV step)
ISO Sensitivity (Movie)	Auto ISO 100-3200 equivalent, ISO 100-6400 equivalent (1/3 EV step)
White Balance Mode	Auto / Daylight / Shade / Cloudy / Incandescent / Fluor (Warm White) / Fluor (Cool White) / Fluor (Day White) / Fluor (Daylight) / Flash / C. Temp. / C. Filter / Custom
Shutter Speed	Program Auto (30-1/4000* sec.) / Aperture Priority (30-1/4000* sec.) / Shutter Priority (30-1/4000* sec.) / Manual (Bulb, 30-1/4000* sec.) *Maximum speed at F5.6 or greater aperture value. Maximum speed at F2.0 is 1/2000 sec.
Aperture	F2.0-22
Continuous Shooting Speed (maximum) ³	Speed Priority Continuous mode: Approx. 5 fps, Continuous mode: Approx. 2.5 fps (AF-S)
Image Control	Creative Style, Quality (RAW / RAW & JPEG / Extra fine / Fine / Standard), Long Exposure NR (On/Off), High ISO NR (Normal / Low / off), Multi Frame NR
Dynamic Range Functions	Off, Dynamic Range Optimizer (Auto/Level), Auto High Dynamic Range: Auto exposure difference, Exposure difference level (1.0-6.0 EV, 1.0 EV step)
Self-Timer	10 sec. / 2 sec.
Shooting Mode	Program Auto (Program shift available), Aperture Priority, Shutter Priority, Manual, MR (Memory Recall) 1 / 2 / 3, Movie, sweep shooting, Scene Selection, Intelligent Auto
Scene Selection	Portrait / Landscape / Sports / Sunset / Night Portrait / Night Scene / Hand-held Twilight

Sweep Shooting	Sweep Panorama
Creative Style	Standard / Vivid / Neutral / Clear / Deep / Light / Portrait / Landscape / Sunset / Night Scene / Autumn Leaves / Black & White / Sepia
Picture Effect	Toy Camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Monochrome, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature, Watercolor, Illustration
Number of Recognizable Scenes	[Still Image]33 [Movie]33
Flash	Flash Mode Auto / Fill-flash / Slow Sync / Rear Sync / Off / Wireless (using compatible external flash) Guide No. 6 (in meters at ISO 100) Flash Range ISO Auto 0.75m to 21.7m / ISO 25600 up to 43.4m
Other Shooting Functions	Smart Teleconverter (approx. 1.4x / 2x), Face Detection, Face Registration, Smile Shutter, Quick Navi, Grid Line, Digital Level Gauge (pitch and roll), Exposure Bracketing, White Balance Bracketing, DRO Bracketing, Flash Bracketing, Peaking, MF Assist, Auto Portrait Framing
Recording	
Compatible Recording Media ⁴	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG Duo, Memory Stick Micro ⁵ , Memory Stick Micro (Mark2) ⁵ , SD Memory Card, SDHC Memory Card, SDXC Memory Card, microSD Memory Card ⁶ , microSDHC Memory Card ⁶
Recording Format	Still Image: JPEG, RAW (Sony ARW 2.3 format), Movie: AVCHD Ver. 2.0, MP4
File Format	DCF / DPOF
Number of Recorded Pixels (Image Size)	[3:2] L: 24M (6000 x 4000) / M: 10M (3936 x 2624) / S: 4.6M (2640 x 1760) [16:9] L: 20M (6000 x 3376) / M: 8.7M (3936 x 2216) / S: 3.9M (2640 x 1488) [Sweep Panorama] Standard (3872 x 2160 / 8192 x 1856) / Wide (5536 x 2160 / 12416 x 1856)
Movie Recording Mode	AVCHD: 28M PS (1920 x 1080, 60p), 24M FX (1920 x 1080, 60i), 17M FH (1920 x 1080, 60i), 24M FX (1920 x 1080, 24p), 17M FH (1920 x 1080, 24p) / MP4: 12M (1440 x 1080, 30fps), 3M VGA (640 x 480, 30fps)
Color Space	sRGB / Adobe RGB
Print	Exif Print, PRINT Image Matching (PIM3)
Interface	
Input and Output Terminals	Micro USB, Hi-Speed USB (USB2.0), Micro HDMI, Microphone (3.5mm stereo mini jack), Multi Interface Shoe
Power	
Power Source	DC3.6V (supplied battery) / DC5.0V (supplied AC Adaptor)
Battery System	NP-BX1 (supplied)
Power Consumption (camera mode)	Approx. 2.0W
USB Charge / USB Power Supply	Yes (supplied AC Adaptor)
Battery Life	[Still images] Approx. 220 / Approx. 110 min. (LCD image quality: high) ⁸ Approx. 270 / Approx. 135 min. (LCD image quality: standard) ⁸ [Movie] Approx. 30 min. ^{8,9} , Approx. 60 min. ¹⁰
Others	
Playback Functions	Control for HDMI, Slideshow, Picture Effect (Watercolor, Illustration), Single (with or without shooting information, RGB histogram & highlight/shadow warning), 4/9-frame index view, Enlarged display mode, Auto Orientation, Slide Show, Panorama Scrolling, Auto Review (10 sec./5 sec./2 sec./off), Forward/Rewind (Movie), Delete, Protect
Dimensions (W x H x D)	113.3 x 65.4 x 69.6 mm (4 1/2" x 2 5/8" x 2 3/4")
Operating Temperature	Approx. 0°C to 40°C (32F° to 104F°)
Weight	Approx. 482g (17oz.) (Battery and Memory Stick Duo included) / Approx. 453g (16oz.) (Body only)
Supplied Accessories	Rechargeable Battery Pack NP-BX1, AC Adaptor AC-UD10 / 11, Micro USB Cable, Shoulder Strap, Lens Cap, Shoe Cap, Instruction Manual

Specifications and features are based on information available at the time of printing and are subject to change without notice.

1 Still images only. 2 REI (Recommended Exposure Index). 3 You may not be able to shoot images in burst mode depending on the shooting mode. Speed slows down after taking some shots. Speed may vary depending on shooting conditions and media. 4 For movies, compatible Memory Stick PRO Duo (Mark2), Memory Stick PRO-HG Duo, Memory Stick Micro (Mark2), SD/SDHC/SDXC memory card or microSD/microSDHC card (Class 4 or faster speed is recommended) can be used. 5 With Adaptor (not supplied). 6 CIPA standard compliant. Shooting under the following conditions: The LCD screen is turned on, shooting once every 30 seconds, the flash strobes once every two times, the power turns on and off once every ten times. 7 CIPA standard. The maximum continuous recording time is 29 min. In [MP4 12M] mode, the maximum continuous recording time is approx. 15 min. or recording stops automatically when the file size exceeds approx. 2 GB. 8 Actual usage is simulated by repeating the following cycle: Power is turned on, recording is started, stand-by mode is entered, power is turned off. 9 The continuous recording time is measured by immediately re-starting recording once the recording time exceeds approx. 29 min. and recording stops.

Environmental Information

Halogenated flame retardants are not used in certain printed wiring boards. Recycled paper is used for the carton.

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Screen displays are simulated. Simulated effects are used to illustrate some functions.