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DSC-RX100M6/B

RX100 VI Cyber-shot Digital Camera

The RX100 VI features an impressive 24-200mm[1] F2.8 – F4.5 high magnification ZEISS® Vario-Sonnar T* zoom lens, yet sacrifices none of the pocket-size portability, speed capabilities and high image quality that has become the hallmark of Sony's RX100 lineup.brbrThe 1" (1.0-type) 20.1MP Exmor RS™ stacked CMOS image sensor with DRAM chip and an upgraded BIONZ X™ image processing system with a front-end LSI maximizes processing speed and optimizes image quality in all shooting environments, while the incredibly efficient Fast Hybrid AF system with 315 focal-plane phase-detection AF points can acquire focus in as little as 0.03 seconds and shoot at up to 24 fps at full resolution with continuous AF/AE tracking and produces beautiful 4Kvii video with full pixel readout and no pixel binning.

Key Features

High Magnification 24-200mm ZEISS lens

The RX100 VI features a new high magnification 24-200mm[1] F2.8 – F4.5 ZEISS® Vario-Sonnar T* lens that packs the power of both 24-70mm and 70-200mm[1] lens into a singular compact design. This is achieved thanks to its unique design featuring two ED (extra-low dispersion) aspherical glass elements and eight aspherical lens elements including four AA (advanced aspherical) lenses that work together seamlessly to deliver outstanding sharpness and image quality, from corner-to-corner at all focal lengths. The wide aperture throughout the zoom range delivers beautiful background defocus while the Optical SteadyShot™ image stabilization significantly reduces blurring.

World's fastest[2] hybrid AF system

The RX100 VI brings a new level of AF performance and speed to compact cameras. It's equipped with the world's fastest[2] hybrid autofocus system that combines the respective advantages of focal-plane phase detection AF and contrast detection AF - ultimately enabling the camera to lock focus in as fast as 0.03 seconds[3].

Wide coverage 315 phase detection AF points

High speed focusing is a perfect complement to the dedicated 315 phase-detection AF points that covers approx. 65% of the image area of the sensor. With such wide-area high-density autofocus coverage, you can accurately focus on and capture your intended subject at high speed, even if it's moving rapidly in unpredictable directions.

High-density Tracking AF Technology

The RX100 VI employs Sony's high-density tracking AF technology to ensure accurate, stable tracking performance throughout the 24-200mm[1] range of the lens. This advanced technology leverages the benefits of focal-plane phase-detection sensors to concentrate AF points in a dense pattern around the subject location as its moving to keep subjects in continuous clear focus – even at high speeds.

High-speed continuous shooting at 24fps4 with AF/AE tracking

Designed to allow for high resolution, continuous shooting at high frame rates the RX100 VI features a 1" Exmor RS® stacked back illuminated CMOS sensor w/ DRAM and front-end LSI that works with the BIONZ X® image processing engine to enable continuous shooting speed at impressive 24fps[4] with AF/AE tracking at full 20.12MP resolution. Thanks to a large buffer, the RX100 VI can capture up to 233 images[5] at this high speed which can be viewed immediately after shooting. Viewfinder blackout between shots has been minimized in this high-speed shooting mode, which greatly improves the ability to follow fast action and capture the decisive moment.

1" (1.0-type) 20.1MP Exmor RS® stacked back illuminated CMOS sensor w/ DRAM

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This large 1" (1.0-type) stacked back illuminated Exmor RS® image sensor with DRAM chip not only enhances efficiency and speed of A/D conversion through its stacked structure and more circuit sections; it also realizes super-fast readout speed. Together with the new BIONZ X™ image processing engine, it allows for stunning 20.1-megapixels at up to 24fps[3] continuous shooting, blazingly fast shutter speed of up to 1/32000 sec., breathtaking 4k movie and super slow-motion HFR (High Frame Rate) movie clip recording of up to 960fps (40x), not to mention remarkable low-light capability with a wide sensitivity range (ISO 80-12,800)[6] with reduced noise.

Clip-4K movie[7] w/ direct pixel readout, no pixel binning

The pocket-size RX100 VI features Clip 4K for short - up to 5 minute - 4K (QFHD:3840×2160) movie recording directly to SD memory card[7] - ideal for everyday casual use. High quality 4k is achieved by the 1" Exmor RS® CMOS sensor with full pixel readout and no pixel binning - resulting in images that exhibit higher resolution and less moire and jaggies than typical 4K movies. Moreover, the XAVC S™ format is incorporated to maximize high-bitrate shooting up to 100 Mbps for professional quality video. The focal plane phase detection AF system allows for fast hybrid AF during video and ensures accurate focusing and tracking performance, even for the severe focusing requirements of 4K movie shooting. AF drive speed and AF tracking sensitivity can also be adjusted via the menu system providing flexibility for focusing preferences.

Optical SteadyShot™ Image stabilization

Built-in Optical SteadyShot™ image stabilization technology - developed exclusively by Sony - pre-vents image blurring that can occur from hand-held still and movie shooting, especially in low light or at the far telephoto end of the zoom range. Image stabilization is equivalent to a faster shutter speed of 4.0 stops[8] at 200mm[1] telephoto, and ensures smooth, stable framing and excellent image quality.

Touch Focus and Touch Pad AF

Fast, simple, intuitive AF: With the Touch Focus function. Simply touch the LCD screen at the point in the image where you want to focus when you're shooting stills or movies. When you're monitoring with the viewfinder, the Touch Pad function lets you slide a finger on the LCD screen to shift focus. You can also set preferences according to which eye and hand you want to use and how far to reach your finger.

Touch Shutter on tiltable LCD monitor

For the first time in the RX series, the LCD monitor now incorporates the Touch Shutter, which allows you to intuitively activate the shutter simply by touching a point on the monitor. This makes it easier to shoot a scene when it might otherwise be difficult to press the shutter button, such as when shooting from high or low angles.

The tilt angle of the monitor has also been expanded, so you can tilt the monitor roughly 180° upwards and 90° downwards, to enable monitoring of the subject for selfies or even when you're holding the camera high overhead above a crowd.

Retractable OLED w/ EVF benefits and optical viewfinder immediacy

The new RX100 VI maintains the convenient pocket-sized design of the RX100 family and is equipped with a high-contrast 2.35 million dot XGA OLED Tru-Finder™ electronic viewfinder, ensuring true-to-life image preview and playback functionality. With a single push, the EVF conveniently pops-up and automatically extends the eye-piece. It features optics with ZEISS® T* coating that greatly reduces reflections. It has the ability to deliver continuous live shooting at up to 8fps - making it easy to track fast moving subjects. This offers photographers a shooting experience with the immediacy of an optical viewfinder, while still offering all of the benefits of an electronic viewfinder including a live preview of exposure, white balance and several other camera settings.

Advanced Eye AF ideal for portrait shots

The Eye AF function has excellent tracking performance and a high degree of accuracy and stability as it automatically focuses on a subject's eyes, even when the subject is looking down or away from the camera, or is in backlit scenes when the face of the subject is in partial darkness.

High speed Anti-Distortion Shutter

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The high speed – up to 1/32,000 sec. - Anti-Distortion Shutter, minimizes the "rolling shutter" effect commonly experienced with fast moving subjects. This blazingly fast shutter speed also allows the camera to capture sharp, crystal clear images with a wide open aperture at brightness levels. Shooting at wide aperture with fast shutter speed allows photographers and videographers to capture beautiful content with sharply focused subjects and defocused backgrounds under some of the most difficult, bright lighting conditions.

Enhanced pro-video functions and NTSC/ PAL switchable

The RX100 VI includes professional movie functions such as; Picture Profile, S S-Log3/S-Gamut3, TC/UB (time code / user bit), Rec Control, Dual Video Recording, marker display function, etc. that have typically been available only in professional video cameras. You also have the choice of region setting between NTSC and PAL movie frame rates.

4K HDR10 using HLG (Hybrid Log-Gamma)

The RX100 VI features 4K HDR[10] thanks to its new HLG (Hybrid Log-Gamma) picture profile which supports an instant HDR workflow. Movies recorded in HDR (HLG) played back on a compatible TV will appear true-to-life, with fewer blocked shadows or blown highlights, without the need for color grading. The BT.2020 color space is supported, providing a wider color gamut. Four gamma settings are provided (HLG, HLG1, HLG2, HLG3). The HLG setting conforms to ITU-R BT.2100. The HLG1, HLG2, and HLG3 gamma settings provide wider dynamic range while retaining the overall appearance of current cameras. The balance of dynamic range and noise produced by each setting is different, allowing selection to best match the scene being recorded.

Super slow-motion movie[9] HFR (High frame rate)

See the unseen with super speed HFR (High Frame Rate). The RX100 VI can capture super slow motion HFR movie[9] at up to 40x slower than real time. You can chose from 960fps, 480fps or 240fps to playback in XAVC S at 1920 x 1080, in either 60p, 30p or 24p[7]. Choose between "quality priority" (4 sec.). There's also an option to set "start trigger" or "end trigger" which will start capturing movie before or after you press the movie rec. button so you can time those split-second moments perfectly.

HDMI® clear output for uncompressed video recordings

Clean, uncompressed 8-bit 4:2:2 4K or HD movie signal can be transferred to an external monitor/recorder connected to the RX100 VI via the HDMI® terminal. Video can be recorded simultaneously to internal media and uncompressed video to the external recorder in real time.

Selfie-ready multi-angle 3 Xtra Fine™ LCD studying

Selfies have never been easier with a beautiful 3" (921k dots) LCD Display that rotates in multiple angles. This also makes it easy to photograph over crowds or low to capture pets eye to eye by swinging up approx. 180° and down approx. 90°. The large display delivers brilliant-quality still images and movies while enabling easy focusing operation. Monitor Auto OFF function boosts max number of still images by up to 30%.

Wi-Fi®/NFC™/QR code for easy file transfer and remote control

Easily connect with NFC or QR code (for non-NFC devices) to smartphones or tablets with the built-in Wi-Fi® and Sony's PlayMemories Mobile™ application available for Android™ and iOS platforms. Control your camera or transfer files to your device for fast and easy sharing without the need of a computer. When you're done, you can use the free software to sort and manage your stills and video with PlayMemories Home™ or view and edit your RAW file with either Sony's Imaging Edge software or Capture One Express (for Sony).

Comfortable control ring for manual operation

A unique control ring around the lens works in combination with an intuitive, display interface for meticulous SLR-type control over settings that satisfies even the most fastidious users. The control ring can be assigned to adjust various features (at various values) from basics like zooming and aperture to creative functions like Picture Effect. Moreover, it turns smoothly and seamlessly, allowing quiet, click-free usage while shooting movies including a new step-zoom function that enables instant selection of commonly used focal lengths.

Power supply via USB

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The RX100 VI can be powered via USB connection to AC adaptor, a PC or mobile battery. This conserves the camera's battery, allowing you extended use of the camera without worrying that the battery will run out. When the camera is turned off, the battery can be charged via the same connection.

Twice as close with Clear Image Zoom

In addition to the high magnification 24-200mm ZEISS® lens, the RX100 VI features Clear Image Zoom that lets you further enlarge the center of the image digitally, up to twice as much (400mm[1] equivalent), with almost no image degradation.

Specifications

Camera	
Electronic Shutter	iAuto(4" - 1/32000) / Program Auto(30" - 1/32000) / Manual(30" - 1/32000) / Aperture Priority(30" - 1/32000) / Shutter Priority(30" - 1/32000)
Aperture	iAuto(F2.8/F11(W)) / Program Auto(F2.8/F11(W)) / Manual(F2.8/F11(W)) / Shutter Priority(F2.8/F11(W)) / Aperture Priority(F2.8/F11(W))
Continuous Shooting Speed (max) (Max number of recoded pixels)	Continuous Shooting Hi: approx. 24 fps, Continuous Shooting Mid: approx. 10 fps, Continuous Shooting Low: approx. 3.0 fps *You may not be able to shoot images in Burst mode depending on the Shooting mode. **Continuous shooting speed will be reduced when used together with built-in or external flash. ***Speed will be slowing after taking some shots.
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn Leaves, Black & White, Sepia, Style Box
Drive modes	Single Continuous shooting(Hi/Mid/Lo) Self-timer Self-timer(cont.) Cont.-bracketing* Single-bracketing* White balance bracketing* DRO bracketing* *Self-Timer is available.
Dynamic Range Functions	Off, Dynamic Range Optimizer (Auto/Level 1-5), Auto High Dynamic Range (Auto Exposure Difference, Exposure difference Level (1.0-6.0EV, 1.0EV step))
Exposure Compensation	+/- 3.0EV, 1/3EV step
Exposure Control	Yes
Focus Area	Wide (315 points (phase-detection AF), 25 points(contrast-detection AF)) Zone Center Flexible Spot (S/M/L) Expanded Flexible Spot Lock on AF(Wide/Zone/Center/Flexible Spot(S/M/L)/Expanded Flexible Spot)
Focus Mode	Single-shot AF Automatic AF Continuous AF DMF Manual Focus
Image Control	Contrast Saturation Sharpness Creative Style Color Space(sRGB / Adobe RGB) Quality(RAW / RAW&JPEG (Extra fine, Fine, Standard) / JPEG (Extra fine, Fine, Standard)
Imaging Processor BIONZ™	Yes (BIONZ X)
ISO Sensitivity (Movie)	Auto: (ISO125 Level-ISO 12800Level, selectable with upper / lower limit), 125 /160/ 200/ 250/320/400/500/6 40/800/ 1000/1250/1600/2000/2500/3200 /4000/5000/6400/8000/10000/12800

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ISO Sensitivity (Still Image)	Auto (ISO 125-12800, selectable with upper / lower limit),125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/ 3200/4000/5000/6400/8000/10000/12800 (Extendable to ISO80/100),Multi-Frame NR:Auto(ISO125-12800), 200/400/800/1600/3200/6400/12800/25600 *REI = Recommended Exposure Index
Light Metering Mode	Multi Pattern, Center Weighted, Spot, Entire Screen Avg, Highlight
Minimum Illumination (Movie)	Auto:2.9lux(Shutter Speed 1/30")
Panorama	Sweep Panorama
Picture Effect for Movie	Toy camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Mono.
Picture Effect for Still	Toy camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Mono., Soft Focus, HDR Painting, Richtone, Monochrome, Miniature, Watercolor, Illustration
Scene Selection	Portrait Sports Action Macro Landscape Sunset Night Scene Handheld Twilight Night Portrait Anti Motion Blur Pet Mode Gourmet Fireworks High Sensitivity
Self-Timer	10sec. / 5sec. / 2sec. / 3 or 5 consecutive shots with 10sec. 5sec. or 2sec. delay selectable / Bracketing shots with 10sec. 5sec. or 2sec. delay selectable
Shooting Mode	AUTO (Intelligent Auto/Superior Auto) Program Auto Aperture Priority Shutter Speed Priority Manual Exposure MR(Memory Recall) (body 3 sets / memory card 4 sets) Movie Mode(Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure) HFR Mode(Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure) Panorama Scene Selection
Shutter Speed	iAuto(4" - 1/2000) / Program Auto(30" - 1/2000) / Manual(Bulb, 30" - 1/2000) / Aperture Priority(30" - 1/2000) / Shutter Priority(30" - 1/2000)
SteadyShot™	Optical
WB micro adjustment	Yes
White Balance Mode	Auto Daylight Shade Cloudy Incandescent Fluor.: Warm White Fluor.: Cool White Fluor.: Day White Fluor.: Daylight Flash Underwater Auto C.Temp./Filter Custom
Camera/ Flash	
Flash Mode	Auto / Flash On / Slow Synchro / Rear Sync / Flash Off

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Flash Range	ISO Auto: Approx.0.4m to 5.9m (1.31 ft. to 19.35 ft.) (W) / Approx. 1.0m to 3.1m (3.28 ft. to 10.17 ft.) (T), ISO12800: up to Approx. 12.4m (40.68 ft.) (W) / Approx. 7.0m (22.96 ft.) (T)
Camera / Number of Recognized Scene	
Movie	44
Camera2/Face Detection	
Mode	Face Priority inAF(On/Off), Face Priority in Multi Metering(On/Off), Regist. Faces Priority(On/Off)
Camera2/Focus	
Focusing Type	Fast Hybrid AF(phase-detection AF/contrast-detection AF)
Camera2	
Auto Control Range	Auto (ISO125-12800, selectable with upper / lower limit),125/ 160/ 200/ 250/ 320/ 400/ 500/ 640/ 800/ 1000 /1250 /1600 /2000 /2500 /3200 /4000 /5000 /6400 / 8000 /10000 /12800 (Extendableto ISO80/ 100), Multi-Frame NR:Auto (ISO125-12800), 200 /400 /800 /1600 /3200 /6400 /12800 /25600* *Achieved by using overlay burst shooting.
AE locked when focus is locked	Yes
Metering Sensitivity	EV 2 to 21 (at ISO100 equivalent)
Camera2/Flash	
Bracketing	Yes
Control	P-TTL
Flash Compensation	+/- 3.0 EV (1/3 EV steps)
Flash Sync. Speed	Mechanical shutter: synchronously-controlled with shutter speed / Electronic Shutter:1/100sec
Flash Type	Built-in, manual pop-up
Recycling Time	Approx. 3.4 sec.
Imaging Sensor	
Effective Picture Resolution	Approx. 20.1 Megapixels
Imaging Sensor	1.0-type (13.2mm x 8.8mm) Exmor RS CMOS sensor, aspect ratio 3:2
Pixel Gross	Approx. 21.0 Megapixels
Interface	
Input and Output Terminal	Multi/Micro USB Terminal*, Hi-Speed USB (USB2.0), Micro HDMI *Supports Micro USB compatible device.
Wi-Fi	Yes(IEEE802.11b/g/n(2.4GHz band))
Bluetooth	Yes (Bluetooth Standard Ver. 4.1 (2.4GHz band))
Interface2/Wi-Fi	
Ctrl with Smartphone	Yes (Single)
Send to Smartphone	Yes (Select on This Divice / Select on Smartphone)
Interface2/NFC	
One-touch remote	Yes
One-touch sharing	Yes
Lens	
35mm format equivalent (Movie16:9)	f=24-210mm(SteadyShot Standard), f=26-230mm(SteadyShot Active), f=29-260mm(SteadyShot Intelligent Active) Movie 4K: f=26-230mm (SteadyShot Standard)
35mm format equivalent (Still Image1:1)	f=30-260mm
35mm format equivalent (Still Image16:9)	f=24-210mm
35mm format equivalent (Still Image3:2)	f=24-200mm
35mm format equivalent (Still Image4:3)	f=25-220mm
F-number (Maximum Aperture)	F2.8(W)-4.5(T)
Focal Length (f =)	f=9.0-72mm

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Lens Type	ZEISS Vario-Sonnar T* Lens, 15 elements in 12 groups (8 aspheric elements including AA lens)
Lens/ Clear Image Zoom	
Movie	4K: Approx. 12x HD: Approx. 16x
Still Image	20M Approx. 16x / 10M Approx. 22x / 5.0M Approx. 32x / VGA Approx. 121x
Lens/ Digital Zoom	
Movie	Approx.32
Still Image	20M Approx.32x / 10M Approx.44x / 5.0M Approx.64x / VGA Approx.121x
Lens/ Optical Zoom	
Still Image, Movie	8.0x
Menu, Indicator/Function Guide	
Beep	Yes (On:All/On:Shtutter Only/Off)
Function Guide	Yes
Histogram Indicator	Yes (On/Off)
Microphone / Speaker	
Built-in Microphone	Stereo
Speaker	Mono
Volume Setting	16 steps
Wind noise reduction	Off / On
Monitor, Viewfinder2	
Display Selector (FINDER/LCD)	Auto/EVF (Manual)/Monitor(Manual)
Image Quality Selection	Yes (High/Standard)
Operating Speed	
Continuous Shooting (Maximum number of recoded pixels)	Approx.0.04 sec *Speed will be slowing after taking some shots. *You may not be able to shoot images in Burst mode depending on the Shooting mode. *Speed will be slowing after taking some shots. *without CMOS models
Shutter Release Time Lag	Approx. 0.009 sec.
Other Functions	
Area Setting	Yes
Clock Function, Setting	Yes
Demo Mode	On / Off
Power Saving	1min / 2min / 5min / 30min
Write Date	On / Off
Optional Accessory Capability	
Tripod Receptacle	Yes
Others	
4K image output	Yes
Digital Level Gauge	Yes (Pitch and roll)
Operating Speed	Start-up Time (Approx. 1.4 sec.) / Shooting Time Lag (Approx. 0.07 sec.) / Shooting Interval (Approx. 0.36 sec.) *Shooting interval of maximum recoded pixels.
Other Playback Function	BRAVIA Sync(Control for HDMI), 9/25-frame index view, Auto Orientation, Slide Show, Forward/Rewind (Movie), Delete, Protect, Motion Shot Video, Beatuty Effect, Photo Capture, Rating
Other Shooting Functions	Eye AF, Face Detection, Face Registration, Still Image Recording (during movie recording), Smile shutter, Grid Line, Quick Navi, Digital Level Gauge (pitch and roll), WB Bracket, DRO Bracketing, MF Assist, Peaking, Zebra, Marker Display, Micref Level, Step Zoom / Quick Zoom, Self-portrait timer, TC/UB, Photographer Name & Copyright, ISO Auto Minimum Shutter Speed, PC Remote Controll, Gamma Disp. Assist, (Mov)AF Track Sensitivity, (Mov)AF Drive Speed, Set File Name, Touch Shutter, My Menu
TRILUMINOS Color	Yes

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Playback	
Maximum Playback Size	Under 20M(5,472 x 3,648)
Playback2	
Automatic Image Rotation	Yes
Delete	Single / Select / Folder / Date / Group
Index	9 / 25 images
Protect	Select / Folder / Date / Group
Rotate	Yes
Zoom Magnification of Playback Mode	Depends on Image Size
from 16:9Movie to Still Image Size	XAVC S 4K : 8.3M(3840×2160) XAVC S HD : 2.1M(1920×1080) AVCHD : 2.1M(1920×1080)
Playback2/Single Image	
Cue, Review (Movie)	Yes
Slow Playback (Movie)	Yes
Playback2/Slide Show	
Movie	Yes
Video Out	4k (HDMI)
Playback2/Slide Show Settings	
Image	All
Interval	1 / 3 / 5 / 10 / 30 sec.
Repeat	On / Off
Power	
Battery System	Rechargeable battery pack NP-BX1
Power Consumption (Camera mode)	Approx. 2.3W with LCD monitor and approx. 2.5W with viewfinder(CIPA standard)
Power Source	DC3.6V(supplied battery) / DC5.0V(supplied AC Adaptor)
USB Charge/USB Power Supply	Yes (Shooting, Playback)
When shooting actual movie(CIPA)	Monitor:Approx. 75min., ViewFinder:Approx. 70min.* *Continuous shooting is possible for approximately 29 minutes (limited by product specifications,default setting. except DSC-RX0). **Based on non-stop recording until the limit (29 minutes or 4GB) has been reached, and then continued recording again. Shooting functions such as zoom will not be available.
When shooting continuous movies (CIPA)	Monitor:Approx. 40min., ViewFinder:Approx. 40min.* *Continuous shooting is possible for approximately 29 minutes (limited by product specifications,default setting. except DSC-RX0). **Indication recording time, which is defined by repeating the cycle: Power on, start recording, zoom (except DSC-RX1, DSC-RX0 series models), stand-by, power off. ***Based on non-stop recording until the limit (29 minutes or 4GB) has been reached, and then continued recording again. Shooting functions such as zoom will not be available.
Power, Others/AC Adaptor (Supplied)	
Output voltage	DC 5.0V, 1500mA
Power Requirements	AC 100V to 240V, 50/60 Hz, 0.2A
Power, Others	
Body Material	Alminium Face
Operating Temperature	32 degrees F. - 104 degrees F. (0 degrees C. - +40 degrees C.)
Storage Temperature	-4 degrees F. - +140 degrees F. (-20 degrees C. - +60 degrees C.)
Power, Others/Supplied Battery	
Capacity for Shooting	4.5Wh (1240mAh)
Maximum Voltage	4.2V
Nominal Voltage	3.6V

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Print	
Exif Print	Yes
PRINT Image Matching (PIM3)	Yes
Recording	
Color Space (Still)	sRGB, Adobe RGB
DCF/DPOF	DCF/DPOF/EXIF/MPF
Movie Recording Mode	NTSC/PAL Selector: (PAL) mode AVCHD: FX- 1,920x1,080/ 50i @ 24Mbps FH- 1,920x1,080/ 50i @ 17Mbps XAVC S 4K: 3,840x2,160/ 25p @ 100Mbps 3,840x2,160/ 25p @ 60Mbps XAVC S HD: 1,920x1,080/50p / 50p @ 50Mbps 1,920x1,080/50p / 25p @ 25Mbps 1,920x1,080/25p / 25p @ 50Mbps 1,920x1,080/25p / 100p @16Mbps 1,920x1,080/100p / 100p @ 100Mbps 1,920x1,080/100p @60Mbps (NTSC) AVCHD: FX-1,920x1,080/ 60i @ 24Mbps FH-1,920x1,080/60i @ 17Mbps XAVC S 4K: 3,840x2,160/ 30p @ 100Mbps 3,840x2,160/30p @ 60Mbps 3,840x2,160/24p @ 100Mbps 3,840x2,160/24p @ 60Mbps XAVC S HD: 1,920x1,080/60p @ 50Mbps 1,920x1,080/60p @ 25Mbps 1,920x1,080/30p @ 50Mbps 1,920x1,080/30p @ 16Mbps 1,920x1,080/24p @ 50Mbps 1,920x1,080/120p @100Mbps 1,920x1,080/120p @ 60Mbps
Recording Format(Movie)	XAVC S AVCHD format Ver.2.0 compatible
Recording Format(Movie Audio)	XAVC S:LPCM 2ch AVCHD:Dolby Digital(AC-3) 2ch(Dolby Digital Stereo Creator)
Still Image Number of recorded pixels (Image Size)	3:2mode:20M(5,472×3,648) / 10M(3,888×2,592) / 5M(2,736×1,824), 4:3mode:18M(4,864×3,648) / 10M(3,648×2,736) / 5M(2,592×1,944) / VGA,16:9mode:17M(5,472×3,080) / 7.5M(3,648×2,056) / 4.2M(2,720×1,528),1:1mode :13M(3,648×3,648) / 6.5M(2,544×2,544) / 3.7M(1,920×1,920) ,Sweep Panorama:Wide (12,416×1,856/5,536×2,160),Standard(8,192×1,856/3,872×2,160)
Media Type	Memory Stick Duo Memory Stick PRO Duo Memory Stick PRO Duo(High Speed) Memory Stick PROHG Duo Memory Stick Micro* Memory Stick Micro (Mark2)* SD Memory Card SDHC Memory Card(UHS-I) SDXC Memory Card(UHS-I) microSD Memory Card* microSDHC Memory Card* microSDXC Memory Card* *with Adaptor (optional)
Recording2/Capacity on a memory card that tested and proven with cameras	
Memory Stick Micro	16GB

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microSD Memory Card	64GB
Screen	
Adjestable angle	Up by approx. 180degrees, down by approx. 90degrees
Brightness control	Manual(5 steps) / Sunny Weather
Screen Type	3.0type (7.5 cm) (4:3) / 921,600 dots / Xtra Fine / TFT LCD
USB	
Auto (MultiConfiguration)	Yes
Mass Storage	Yes
MTP	Yes
Video Out	
2D (Auto)	Yes
Video Out Mode	NTSC / PAL
Viewfinder	
Brightness control	Auto, Manual(5steps)
Diopter adjustment	-4.0 to +3.0m-1
Eye point	Approx.20mm from the eyepiece, 19.8mm from the eyepiece frame at -1m-1(diopter) (CIPA standard)
Field coverage	100%
Magnification	Approx. 0.59x with 50mm lens at infinity, -1m-1(diopter) (35mm equiv.)
Weights and Measurements	
Dimensions (Approx.)	4 in. × 2 3/8 in. × 1 11/16 in. (101.6 x 58.1 x 42.8 mm)
Weight (Approx.)	Weight (CIPA compliant): 10.7oz. (301 g) (Battery and Memory Card are included) Body Only: 9.7oz. (274 g)
Accessories	
Supplied Accessories	Rechargeable Battery Pack NP-BX1 AC Adaptor Micro USB cable Wrist Strap Strap Adapter Instruction Manual

1. 35mm format equivalent.
2. Among fixed lens digital cameras with 1" (1.0-type) sensor. As of June 2018 press release, based on Sony research.
3. CIPA standard, internal measurement, at f=9.0mm (wide-end), EV6.9, Program Auto, Focus mode: AF-A, Focus area: Center.
4. With "Continuous shooting mode: Hi".
5. With "Continuous shooting mode: Hi" and "Image quality: Fine".
6. ISO 80, 100: when expanded. For still shooting only.
7. 4K continuous recording is available for approx. 5 minutes. The duration available for the shooting may change according to shooting conditions. SDHC/SDXC memory card of Class 10 or higher is required for movie recording in XAVC S format. UHS-I (U3) SDHC/SDXC card is required for 100Mbps recording.
8. CIPA-standard, pitch/yaw directions, at 200mm (35mm format equivalent).
9. Sound cannot be recorded when shooting slow motion. An SDHC/SDXC memory card of Class 10 or higher is required
10. Connect to an HDR (HLG) compatible Sony TV via a USB cable to view HDR (HLG) movies

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