Image Sensor		Sensor Type	1.0-type (13.2mm x 8.8mm) Exmor RS CMOS sensor, aspect ratio 3:2
		Number of gross pixels	Approx. 21.0 Megapixels
		Number of effective pixels	Approx. 20.1 Megapixels
Lens		Lens Type	ZEISS Tessar T* Lens, 6 elements in 6 groups
		F-number (Maximum Aperture)	F2.0
		Iris Diaphragm	7 blades
		ND Filter	-
		Focal Length (f =)	f=7.6mm
		Angle of View (35mm format equivalent) (	94°(20mm)
		Focus Range (from the front of the lens)	Approx. 5cm (0.17 ft.) to Infinity
	Optical Zoom	Still Image, Movie	-
	Clear Image Zoom *2	Still Image	20M Approx. 2x / 10M Approx. 2.8x / 5.0M Approx. 4x
		Movie	4K: 1.5x
			HD: Approx. 2x
	Digital Zoom *2	Still Image	20M Approx.4x / 10M Approx.5.6x / 5.0M Approx.8x
		Movie	Approx.4x
Screen		Screen Type	7.5cm(3.0type)(4:3) / 921,600 dots / Xtra Fine / TFT LCD
		Touch Panel	Yes
		Brightness control	Manual(5 steps) / Sunny Weather
		Adjustable angle	Opening Angle:approx. 176 deg., Rotation Angle:approx. 270 deg.
Veiwfinder		Screen Type/Number of dots	-
Camera		Imaging Processor BIONZ	Yes (BIONZ X)
		SteadyShot	Electronic
		Focus Mode	Single-shot AF
			Continuous AF
			Manual Focus
		Focus Area	Wide (425 points(contrast-detection AF))
			Zone
			Center
			Flexible Spot (S/M/L)
			Expanded Flexible Spot
		Object Tracking	Yes (Tracking)
		Eye AF	[Still images] Human (Right/Left Eye Select) / Animal;
			[Movie] Human
		Light Metering Mode	Multi Pattern
			Center Weighted
			Spot
			Entire Screen Avg
			Highlight
		Exposure Compensation	+/- 3.0EV, 1/3EV step
		Exposure Control	Yes
		ISO Sensitivity (Still Image) *3	Auto(ISO125-6400),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)
		ISO Sensitivity (Movie)	Auto:(ISO125Level-ISO6400Level), 125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200/4000/5000/6400/8000/10000/12800
		White Balance Mode	Auto
			Daylight
			Shade
			Cloudy
			Incandescent
			Fluor.: Warm White
			Fluor.: Cool White
			Fluor.: Day White
			Fluor.: Daylight
			Underwater Auto
			C.Temp./Filter
			Custom
		WB micro adjustment	Yes
		Electronic Shutter	Program Auto(1/4" - 1/32000) / Manual(1/4" - 1/32000) / Aperture Priority(1/4" - 1/32000) / Shutter Priority(1/4" - 1/32000)
		Aperture	Program Auto(F2/F8) / Manual(F2/F8) / Shutter Priority(F2/F8) / Aperture Priority(F2/F8)
		Image Control	Contrast
			Saturation
			Sharpness
			Creative look
			Color Space
			Quality(JPEG (Extra fine, Fine, Standard)
		Noise reduction	high ISO NR:Normal/Low/Off
		Dynamic Range Functions	Off, Dynamic Range Optimizer (Auto/Level 1-5)
		Shooting Mode	Auto(Intelligent Auto)
			Program Auto
			Aperture Priority
			Shutter Speed Priority
			Manual Exposure
			Movie Mode(Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure, Movie Auto(Intelligent Auto))
			S&Q Mode(Program Auto, Aperture Priority, Shutter Speed Priority,Manual Exposure, S&Q Auto(Intelligent Auto))
		Continuous Shooting Speed (maximum) (with max. recording pixels) *4 *5 *6	Speed Priority Continuous Shooting: approx. 16 fps, Continuous Shooting: approx. 3.5 fps *7
		Self-Timer	10sec. / 5sec. / 2sec. /self timer(movie)
		Drive modes	Single
			Continuous shooting
			Self-timer
		Interval Rec	Yes (1-60 sec. interval, 1-9999 shots, AE lock/AE tracking(High/Mid/Low)) *8
		Panorama	-
		Photo Creativity	-
		Picture Profile	off/PP1-PP10(Black Level, Gamma(Movie, Still, Cine1-2, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1, HLG2, HLG3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset)
Recording		Compatible Recording Media *9	[XAVC S(100Mbps)] SDXC/SDHC Memory Card (UHS-I U3 or higher); [XAVC S(60Mbps/50Mbps)] SDXC/SDHC Memory Card (Class 10 or higher); [Still image] Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO-HG Duo, Memory Stick Micro *10 , Memory Stick Micro(Mark2) *10 , SDXC/SDHC/SD Memory Card (Class 4 or higher), micro SDXC/SDHC/SD Memory Card (Class 4 or higher) *10
		Recording Format(Still Image)	JPEG(DCF Ver.2.0,Exif Ver.2.32,MPF Baseline compliant)
		Recording Format(Movie)	XAVC S
		Recording Format(Movie Audio)	XAVC S:LPCM 2ch
		Color Space (Still)	sRGB, Adobe RGB
		DCF/DPOF	DCF/EXIF/MPF

		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) /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)
		Movie Recording Mode	NTSC/PAL Selector: [PAL] mode XAVC S 4K: 25p 100M(3,840x2,160/25p) / 25p 60M(3,840x2,160/25p), XAVC S HD:50p 50M(1,920x1,080/50p) / 50p 25M(1,920x1,080/50p) / 25p 50M(1,920x1,080/25p) / 25p 16M(1,920x1,080/25p) / 100p 100M(1,920x1,080/100p) / 100p 60M(1,920x1,080/100p), NTSC/PAL Selector: [NTSC] XAVC S 4K: 30p 100M(3,840x2,160/30p) / 30p 60M(3,840x2,160/30p) / 24p 100M(3,840x2,160/24p) / 24p 60M(3,840x2,160/24p), XAVC S HD:60p 50M(1,920x1,080/60p) / 60p 25M(1,920x1,080/60p) / 30p 50M(1,920x1,080/30p) / 30p 16M(1,920x1,080/30p) / 24p 50M(1,920x1,080/24p) / 120p 100M(1,920x1,080/120p) / 120p 60M(1,920x1,080/120p)
Slow & Quick Motion (S&Q)		Image frame rate	NTSC mode: 1fps, 2fps, 4fps, 8fps, 15fps, 30fps, 60fps, 120fps / PAL mode: 1fps, 2fps, 3fps, 6fps, 12fps, 25fps, 50fps, 100fps
Accessibility		Screen Reader	Yes (Language: English, Speed: 7 steps, Volume:16 steps) *11
Print		Exif Print	Yes
		PRINT Image Matching (PIM3)	Yes
Interface		Input and Output Terminal	USB Terminal Type-C (USB2.0), Micro HDMI, Microphone jack (3.5mm Stereo mini jack)
		NFC	-
		Wi-Fi	Yes(IEEE802.11b/g/n(2.4GHz band))
		Eye-Fi	-
		Bluetooth	Yes (Bluetooth Standard Ver. 4.1 (2.4GHz band))
Power		Power Source	DC3.6V(supplied battery)
		Battery System	Rechargeable battery pack NP-BX1
		Power Consumption (Camera mode)	Approx. 1.5W with LCD monitor (CIPA standard)
		USB Charge/USB Power Supply	Yes (Shooting, Playback)
	Battery Life (CIPA)	Still Images *12	Monitor:Approx. 360 / Approx. 180min., Monitor (When Auto Monitor off is set to 2sec):Approx. 540 / Approx. 270min.,
		Movies (actual shooting) *13 *14	Monitor:Approx. 60min., *15
		Movies (continuous shooting) *13	Monitor:Approx. 90min., *15
Others		InCamera Guide	Yes
		PlayMemories Camera Apps	-
		Other Shooting Functions	Face Detection
			Face Registration
			Grid Line
			Digital Level Gauge (pitch and roll)
			Peaking (Display: Off/On) (Level: High/Mid/Low) (Color: Red/Yellow/Blue/White)
			Zebra
			Marker Display
			Audio Rec Level
			Audio Level Display
			Step Zoom
			PC Remote Control
			Gamma Disp. Assist
			Set File Name
			Touch Shutter/Touch Focus/Touch Tracking
			My Menu
			Soft Skin Effect
			Product Showcase Set
			Background Defocus
			Shot Mark (Movie)
		Other Playback Function	BRAVIA Sync(Control for HDMI)
			9/25-frame index view
			Auto Orientation
			Slide Show
			Forward/Rewind (Movie)
			Delete
			Protect
			Photo Capture
			Rating
		TRILUMINOS Color *16	Yes
		4K image output	Yes
		Operating Speed *17	Start-up Time (Approx. 1.2 sec.) / Shooting Time Lag (Approx. 0.15 sec.) / Shooting Interval (Approx. 0.44 sec.)
		Digital Level Gauge	Yes (Pitch and roll)
		DIMENSIONS (W x H x D) (Approx.)	105.5x60.0x46.4 mm (4 1/4in. × 2 3/8 in. × 1 7/8 in.)
		Weight (CIPA compliant)	Approx. 256g (9.1oz.)(Battery and Memory Card are included) / Approx. 229g (8.1oz.)(Body Only)
		Supplied Accessory	Rechargeable Battery Pack (NP-BX1)
			Type-C USB cable(USB2.0)
			Wind Screen
			Wind Screen Adaptor
			Instruction Manual
Lens2		Filter diameter	φ40.5
		Linear Focus	Yes
		Scan System	Progressive scan
		Color Filter	R,G,B primary color mosaic filters
Camera2		Active Mode	Electronic
	Focus	Focusing Type	Contrast-detection AF
	Metering Sensitivity	Metering Sensitivity	EV 0 to 20 (at ISO100 equivalent)
	ISO Sensitivity(REI)	Auto Controll Range	Auto(ISO125-6400),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)
	Face Detection	Mode	Face Priority inAF(On/Off), Face Priority in Multi Metering(On/Off), Regist. Faces Priority(On/Off)
		Face Registration	New Registration / Order Exchanging / Delete / Delete All
		Maximum number of detectable faces	8 faces
	Proxy Recording	Proxy Recording	Yes(1280 x 720(Approx.9Mbps))
	Program shift AE	Program shift AE	Yes
	AE locked when focus is locked	AE locked when focus is loked	Yes
	Flash	Bracketing	-
		Flash Compensation	-
		Flash Sync. Speed	-
		Recycling Time	-
		Control	-
		External Flash	-
		Flash Type	-
	Red Eye Reduction	Red Eye Reduction	-
	Auto Orientation	Auto Orientation	On only
Monitor, Viewfinder2		MF Assist magnification	1.6x,4.0x
Recording2	Recording Format	Recording Format	Still Images: JPEG (DCF, Exif, MPF Baseline) compliant

	Capacity on a memory card that tested and proven with cameras	Memory Stick Duo		32GB
		Memory Stick Micro		16GB
		SD Memory Card		128GB
		microSD Memory Card		64GB
Microphone / Speaker		Built-in Microphone		Stereo
		Speaker		mono
		Volume Setting		16 steps
		Wind noise reduction		Off / On
Playback2	Single Image	Cue, Review (Movie)		Yes
		Slow Playback (Movie)		Yes
	Image Index	Index		9 / 25 images
	Display as Group	Display as Group		Yes
	Slide Show	Video Out		4K (HDMI)
		Movie		Yes
	Slide Show Settings	Image		All
		Interval		1 / 3 / 5 / 10 / 30 sec.
		Repeat		On / Off
	Zoom Magnification of Playback Mode	Zoom Magnification of Playback Mode		Depends on Image Size
	Automatic Image Rotation	Automatic Image Rotation		Yes
	Auto Orientation(Auto pict rotation in response to camera position in playback)	Auto Orientation(Auto pict rotation in response to camera position in playback)		Yes
	Rotate	Rotate		Yes
	Delete	Delete		Single / Select / All but This Image / Folder / Date / Group
	Protect	Protect		Select / Folder / Date / Group
	Still image capture from movie	from 16:9Movie to Still Image Size		XAVC S 4K : 8.3M(3840×2160)
				XAVC S HD : 2.1M(1920×1080)
PC Link2		PlayMemories Home		-
Menu, Indicator	Function Guide	Histogram Indicator		Yes(On/Off)
		Beep		Yes(On/Shutter/Off)
Interface2	NFC	One-touch remote		-
		One-touch sharing		-
	Wi-Fi	Ctrl with Smartphone(Single)		Yes
		Send to Smartphone		Yes (Select on This Device / Select on Smartphone)
	Bluetooth	Location information Link from smartphone		Yes
	Multi Interface Shoe	Multi Interface Shoe		-
Print2		Print Order Mark (DPOF)		-
Other Functions	Power Saving	Power Saving		1min / 2min / 5min / 30min
	Clock Function,Setting	Clock Function,Setting		Yes
	Area Setting	Area Setting		Yes
	Demo Mode	Demo Mode		-
	REC Lamp	REC Lamp		Yes
	NTSC/PAL switchover	NTSC/PAL switchover		Yes
Video Out	HDMI	2D (Auto) *18		Yes
	HDMI Info. Display	HDMI Info. Display		Off/On
	Video Out Mode	Video Out Mode		NTSC / PAL
USB	USB Connect	Mass Storage		Yes
		MTP		Yes
	LUN Settings (Multi/Single)	LUN Settings (Multi/Single)		Multi / Single
Optional Accessory Capability	Tripod Receptacle	Tripod Receptacle		Yes
Power, Others	Supplied Battery	Maximum Voltage		4.2V
		Nominal Voltage		3.6V
		Capacity for Shooting		4.5Wh(1240mAh)
	AC Adaptor (supplied)	Power Requirements		-
		Output voltage		-
		Dimensions (WxHxD)		-
		Mass		-
	Body Material	Body Material		Aluminium and plastic
	Operating Temperature	Operating Temperature		0 degrees C. - +40 degrees C. / 32 degrees F. - 104 degrees F.
	Storage Temperature	Storage Temperature		-20 degrees C. - +55 degrees C. / -4 degrees F. - +131 degrees F.
Operating Speed	Shutter Release Time Lag	Shutter Release Time Lag		Approx. 0.007 sec.
	Continuous Shooting Interval (minimum)	Continuous Shooting (Maximum number of recoded pixels) *4 *19		Approx.0.06 sec *7

*1	At maximum pixel readout.
*2	Optical zoom from the wide side (except RX1 series and RX0).
*3	REI = Recommended Exposure Index
*4	You may not be able to shoot images in Burst mode depending on the Shooting mode.
*5	Continuous shooting speed will be reduced when used together with built-in or external flash.
*6	Speed will be slowing after taking some shots.
*7	Speed will be slowing after taking some shots.
*8	Wi-Fi does not work
*9	For movies, compatible Memory Stick PRO Duo (Mark2), Memory Stick PRO-HG Duo,Memory Stick XC-HG Duo, Memory Stick Micro (Mark2), SD/SDHC/SDXC memory card or microSD/microSDHC/microSDXC card (Class 4 or faster speed is recommended) can be used.
*10	with Adaptor (optional)
*11	This function is available only when the menu language is set to English on North American models. (As of the release date)
*12	The LCD screen is turned on, shooting once every 30 seconds, the zoom is switched alternately between the W and T ends the flash strobes once every two times, the power turns on and off once every ten times.
*13	Continuous shooting is possible for approximately 29 minutes (limited by product specifications,default setting. except DSC-RX0, DSC-RX0M2 and DSC-RX100M7).
*14	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.
*15	Based on non-stop recording until the limit of continuous shooting has been reached, and then continued recording again. Other operations will not be available.
*16	Models capable of extended-gamut recording and HDMI transmission function for both still images and movies.
*17	Shooting interval of maximum recoded pixels.
*18	This camera can play back only the files recorded by itself.
*19	Speed will be slowing after taking some shots. *without CMOS models