

SONY**< RX1R II PROFESSIONAL COMPACT CAMERA WITH 35 MM SENSOR****FULL SPECIFICATIONS AND FEATURES**

Sensor	SENSOR TYPE 35 mm full frame (35.9 x 24.0 mm), Exmor R® C MOS sensor, aspect ratio 3:2 NUMBER OF PIXELS (EFFECTIVE) Approx. 42.4 MP	NUMBER OF PIXELS (TOTAL) Approx. 43.6 MP NUMBER OF PIXELS (GROSS) Approx. 43.6 MP
Lens	LENS TYPE ZEISS® Sonnar T*, 8 elements in 7 groups (3 aspherical elements including AA lens) F-NUMBER (MAXIMUM APERTURE) F2 FOCAL LENGTH (F=) f=35mm ANGLE OF VIEW (35 MM FORMAT EQUIVALENT) 63deg. (35mm ²) ³ FOCUS RANGE (FROM THE FRONT OF THE LENS) Approx. 24 cm to infinity (Normal mode), approx. 14 cm to 29 cm (Macro mode) CLEAR IMAGE ZOOM (STILL IMAGE) [Still Image] 2x, [Movie] 2x DIGITAL ZOOM (STILL IMAGE) Up to 8x	FILTER DIAMETER 49 mm MAX. MAGNIFICATION (STANDARD/MACRO) 0.15x/0.26x (By Macro Switching Ring) OPTICAL VARIABLE LOW-PASS FILTER Yes APERTURE TYPE Iris diaphragm (9 blades) DIGITAL ZOOM [Still Image] 42M approx. 4x/18M approx. 6.2x/11M approx. 8x, [Movie] Approx. 4x FOCUS RANGE (FROM THE FOCAL PLANE) Approx. 30 cm to infinity (Normal mode), approx. 20 cm to 35 cm (Macro mode)
Screen	SCREEN TYPE 2.95" (3.0 type) (4:3) / 1,228,800 dots / Xtra Fine / TFT LCD BRIGHTNESS CONTROL Auto/Manual (5 steps)/Sunny Weather mode ADJUSTABLE ANGLE Up approx. 109 degrees, down approx. 41 degrees, at max.	DISPLAY SELECTOR (FINDER/LCD) Auto / EVF / Monitor MS ASSIST MAGNIFICATION 5.0x, 12.5x

<p>Viewfinder</p>	<p>SCREEN TYPE/NUMBER OF DOTS</p> <p>0.39-type electronic viewfinder (OLED), 2,359,296 dots</p> <p>FIELD COVERAGE</p> <p>100%</p> <p>MAGNIFICATION</p> <p>Approx. 0.74x (with 50 mm lens equiv. at infinity, -1m-1)</p> <p>EYE POINT</p> <p>Approx. 19 mm from the eyepiece lens, 18.4 mm from the eyepiece frame at -1m-1 (CIPA standard)</p>	<p>DIOPTER ADJUSTMENT</p> <p>-4.0 to +3.0m-1</p> <p>VIEWFINDER</p> <p>0.39-type electronic viewfinder (OLED)</p> <p>BRIGHTNESS CONTROL</p> <p>Auto, Manual (5 steps)</p>
<p>Camera</p>	<p>IMAGE PROCESSING ENGINE</p> <p>BIONZ X™</p> <p>STEADYSHOT (STILL IMAGE)</p> <p>Electronic type (for movies)</p> <p>FOCUS TYPE</p> <p>Fast Hybrid AF (phase-detection AF/contrast-detection AF)</p> <p>FOCUS MODE</p> <p>Single-shot AF (AF-S) / Continuous AF (AF-C) / Direct Manual Focus (DMF) / Manual Focus</p> <p>FOCUS AREA</p> <p>Wide (399 points for phase-detection AF/25 points for contrast-detection AF) / Center / Flexible Spot (S/M/L) / Expand Flexible Spot / Lock-on AF (Wide / Center / Flexible Spot [S/M/L] / Expand Flexible Spot)</p> <p>LIGHT METERING MODE</p> <p>Multi Pattern / Center-Weighted / Spot</p> <p>EXPOSURE COMPENSATION</p> <p>+/-5.0 EV (in 1/3 EV steps), with exposure compensation dial: +/-3.0 EV (in 1/3 EV steps)</p> <p>ISO SENSITIVITY (STILL IMAGE)(RECOMMENDED EXPOSURE INDEX)</p> <p>ISO 100-25600 (1/3 EV step) (expandable to ISO 50/64/80/32000/40000/51200/64000/80000/102400), AUTO (ISO 100-102400, selectable upper/lower limit), Multi-Frame NR: ISO 100-102400 (1 EV step), AUTO (ISO 100-102400, selectable upper/lower limit) ⁴</p> <p>ISO SENSITIVITY (MOVIE)</p> <p>ISO 100-25600</p> <p>WHITE BALANCE MODES</p>	<p>NOISE REDUCTION</p> <p>Long exposure NR: On/Off, available of shutter speeds longer than 1 s, High ISO NR: Normal / Low / Off, Multi Frame NR: Auto / ISO 100-102400</p> <p>DYNAMIC RANGE FUNCTIONS</p> <p>Off, Dynamic Range Optimizer (Auto/Level 1-5), Auto High Dynamic Range: Off, Auto Exposure Difference, Exposure difference level (1.0-6.0 EV, 1.0 EV step)</p> <p>SHOOTING MODE</p> <p>AUTO (Intelligent Auto/Superior Auto), Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure, MR (Memory Recall) 1,2,3, Movie Mode (Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure), Panorama, Scene Selection</p> <p>SCENE SELECTION</p> <p>Portrait, Sports Action, Landscape, Sunset, Night Scene, Handheld Twilight, Night Portrait, Anti-Motion Blur</p> <p>CONTINUOUS SHOOTING SPEED (MAXIMUM) (WITH MAX. RECORDING PIXELS)</p> <p>Speed priority continuous shooting: approx. 5fps, Continuous shooting: approx. 2.5fps (AF-S) ⁵ ⁶</p> <p>SELF-TIMER</p> <p>10 s/5 s/2 s/3 or 5 consecutive shots with 10 s, 5 s, or 2 s delay selectable/Bracketing shots with 10 s, 5 s, or 2 s delay selectable</p> <p>DRIVE MODES</p> <p>Single, Continuous shooting, Speed priority continuous shooting, Self-timer, Self-timer (cont.), Cont.-bracketing ⁷, Single-bracketing ⁷, Whi</p>

Auto / Daylight / Shade / Cloudy / Incandescen
t / Fluor.: Warm White / Fluor.: Cool White / Flu
or.: Day White / Fluor.: Daylight / Flash / C.Tem
p. / Filter / Custom

WB MICRO ADJUSTMENT

Yes (G7 to M7 [57 steps], A7 to B7 [29 steps])

SHUTTER SPEED

Program Auto (30"-1/4000* s) / Aperture Priorit
y (30"-1/4000* s) / Shutter Priority (30"-1/4000*
s) / Manual Exposure (Bulb, 30"-1/4000* s) / iA
uto (4"-1/4000* s) *At F5.6 or greater aperture v
alue. Fastest limit at F2 is 1/2000 s

APERTURE

F2-22

IMAGE CONTROL

Contrast, Saturation, Sharpness, Creative Style,
Color Space (sRGB/Adobe® RGB), Quality (RA
W/RAW & JPEG/Extra fine/Fine/Standard)

UNCOMPRESSED RAW

Yes

te balance bracketing ⁷ , DRO bracketing ⁷ , L
PF bracketing ⁷

PICTURE EFFECT

[Still Image] Toy camera, Pop Color, Posterizatio
n, Retro Photo, Soft High-key, Partial Color, High
Contrast Mono., Soft Focus, HDR Painting, Richt
one Monochrome, Miniature, Watercolor, Illustr
ation, [Movie] Toy camera, Pop Color, Posterizati
on, Retro Photo, Soft High-key, Partial Color, Hig
h Contrast Mono.

CREATIVE STYLE

Standard, Vivid, Neutral, Clear, Deep, Light, Port
rait, Landscape, Sunset, Night Scene, Autumn L
eaves, Black & White, Sepia, Style Box

AUTO IMAGE ROTATION

Yes

METERING TYPE

1200-zone evaluative metering

NUMBER OF RECOGNIZED SCENES

[Still Image] Superior Auto: 44, Intelligent Auto:
33, [Movie] 33

RAW OUTPUT

14 bit

MINIMUM ILLUMINATION

Auto:1.5 lux (Shutter Speed 1/30")

BUILT-IN FLASH RED-EYE CORRECTION

On / Off

Flash

FLASH MODE

Flash Off / Autoflash / Fill-flash / Slow Sync. / R
ear Sync. / Wireless (with optional compliant fla
sh)

AF ILLUMINATOR

Auto / Off

<p>Recording</p>	<p>COMPATIBLE RECORDING MEDIA</p> <p>Memory Stick Duo, Memory Stick PRO Duo™, Memory Stick PRO Duo™ (High Speed), Memory Stick PRO-HG Duo™, Memory Stick Micro™⁸, Memory Stick Micro™ (Mark 2)⁸, SD Memory Card, SDHC Memory Card, SDXC Memory Card, microSD Memory Card⁸, microSDHC Memory Card⁸, microSDXC Memory Card^{8 9}</p> <p>RECORDING FORMAT</p> <p>[Still Image]: JPEG (DCF Ver.2.0, Exif Ver.2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format), [Movie]: XAVC S, AVCHD format Ver. 2.0 compatible, MP4</p> <p>RECORDING FORMAT (MOVIE AUDIO)</p> <p>XAVC S: LPCM 2ch/AVCHD: Dolby® Digital (AC-3) 2ch (Dolby® Digital Stereo Creator)/MP4: MPEG-4 AAC-LC 2ch</p> <p>COLOR SPACE (STILL)</p> <p>sRGB, Adobe® RGB</p>	<p>STILL IMAGE NUMBER OF RECORDED PIXELS (IMAGE SIZE)</p> <p>[3:2] L: 42M (7,952 x 5,304) / M: 18M (5,168 x 3,448) / S: 11M (3,984 x 2,656), [4:3] L: 38M (7,072 x 5,304) / M: 16M (4,592 x 3,448) / S: 9.4M (3,536 x 2,656), [16:9] L: 36M (7,952 x 4,472) / M: 15M (5,168 x 2,912) / S: 8.9M (3,984 x 2,240), [1:1] L: 28M (5,296 x 5,296) / M: 12M (3,440 x 3,440) / S: 7.1M (2,656 x 2,656), [Sweep Panorama] Standard (3,872 x 2,160/8,192 x 1,856) / Wide (5,536 x 2,160/12,416 x 1,856)</p> <p>MOVIE RECORDING MODE (NTSC)</p> <p>AVCHD: 28M PS (1,920 x 1,080/60p) / 24M FX (1,920 x 1,080/60i) / 17M FH (1,920 x 1,080/60i) / 24M FX (1,920 x 1,080/24p) / 17M FH (1,920 x 1,080/24p), XAVC S HD: 60p 50M (1,920 x 1,080/60p) / 30p 50M (1,920 x 1,080/30p) / 24p 50M (1,920 x 1,080/24p) / 120p 50M (1,280 x 720/120p), MP4: 28M (1,920 x 1,080/60p)/16M (1,920 x 1,080/30p)/6M (1,280 x 720/30p)</p> <p>MOVIE RECORDING MODE (PAL)</p> <p>AVCHD: 28M PS (1,920 x 1,080/50p) / 24M FX (1,920 x 1,080/50i) / 17M FH (1,920 x 1,080/50i) / 24M FX (1,920 x 1,080/25p) / 17M FH (1,920 x 1,080/25p), XAVC S HD: 50p 50M (1,920 x 1,080/50p) / 25p 50M (1,920 x 1,080/25p) / 100p 50M (1,280 x 720/100p), MP4: 28M (1,920 x 1,080/50p) / 16M (1,920 x 1,080/25p) / 6M (1,280 x 720/25p)</p>
<p>Interface</p>	<p>INPUT AND OUTPUT TERMINALS</p> <p>Multi/Micro USB Terminal¹⁰, Micro HDMI, Microphone (1/8" Stereo minijack), Multi Interface Shoe</p> <p>NFC</p> <p>NFC forum Type 3 Tag compatible, One-touch remote, One-touch sharing</p>	<p>WI-FI</p> <p>Yes (IEEE802.11b/g/n [2.4 GHz band])</p> <p>WIRELESS CAPABILITIES</p> <p>Eye-Fi, NFC forum Type 3 Tag compatible, One-touch remote, One-touch sharing, Wi-Fi®</p>

<p>Power</p>	<p>POWER SOURCE</p> <p>DC3.6 V (supplied battery) / DC5.0 V (supplied AC Adapter)</p> <p>BATTERY SYSTEM</p> <p>Rechargeable Battery Pack NP-BX1</p> <p>POWER CONSUMPTION (CAMERA MODE)</p> <p>Approx. 2.5W with LCD monitor and approx. 2.7 W with viewfinder (CIPA standard)</p>	<p>USB CHARGE/USB POWER SUPPLY</p> <p>Yes (supplied AC adapter)</p> <p>BATTERY LIFE(STILL IMAGES)(CIPA)</p> <p>[Still Images] ¹¹ : Monitor: Approx. 220 shots / Approx. 110 min., Viewfinder: Approx. 200 shots / Approx. 100 min., [Movies (actual shooting)] ¹² ¹³ : Monitor: Approx. 30 min., Viewfinder: Approx. 30 min. (In [MP4 28M] mode, max. continuous shooting time is approx. 20 min. and max. file size is 4 GB.), [Movies (continuous shooting)] ¹² : Monitor: Approx. 50 min., Viewfinder: Approx. 50 min. (In [MP4 28M] mode, max. continuous shooting time is approx. 20 min. and max. file size is 4 GB.) ¹⁴</p> <p>SUPPLIED BATTERY</p> <p>Rechargeable battery pack NP-BX1</p>
<p>Others</p>	<p>PLAYMEMORIES CAMERA APPS</p> <p>Yes</p> <p>SHOOTING FUNCTIONS</p> <p>Smart Teleconverter (approx. 1.4x/2x) / Eye AF / Lock-on AF / Face Detection / Face Registration / Smile shutter / Grid Line / Quick Navi / Digital Level Gauge (pitch and roll) / Exposure Bracketing / White Balance Bracketing / DRO Bracketing / Flash Bracketing / LPF bracketing / MF Assist / Peaking / Zebra / Marker Display / Photographer Name & Copyright / ISO Auto Minimum Shutter Speed / PC Remote Control / Auto Object Framing</p> <p>PLAYBACK FUNCTIONS</p> <p>BRAVIA® Sync (Control for HDMI) / Single (with or without shooting information, RGB histogram & highlight/shadow warning) / 9/25-frame index view / Enlarged display mode / Auto Orientation / Slideshow / Panorama scrolling / Auto Review (10 s/5 s/2 s/off) / Forward / Rewind (Movie) / Delete / Protect / 4K still image playback</p>	<p>OPERATING TEMPERATURE</p> <p>Approx. 0 °C to 40 °C (32 °F to 104 °F)</p> <p>INDEX PLAYBACK</p> <p>9 / 25 images</p> <p>PLAYBACK ZOOM</p> <p>Depends on Image Size</p>
<p>Print</p>	<p>PRINT</p> <p>Exif Print, PRINT Image Matching (PIM3)</p>	

Size & Weight	DIMENSIONS (W X H X D) (APPROX.) 4.46 x 2.57 x 2.83 in	WEIGHT (CIPA COMPLIANT) 1 lb 0.9 oz (480 g)/1 lb 1.9 oz (507g) (With battery and Memory Stick PRO Duo™)
Color Options	<input type="checkbox"/>	
What's In The Box	Rechargeable Battery Pack NP-BX1 AC Adapter Micro USB cable Shoulder strap Lens cap	Shoe cap Instruction Manual Cleaning cloth Battery charger Eyepiece cup