The professional’s compact camera

Cyber-shot RX100

The Power of Imaging
Point and shoot supremacy.

Exquisite image quality and high-end handling are now available for the first time in a truly compact camera — the Cyber-shot® RX100 camera. Featuring a large image sensor and bright f1.8 aperture lens with control ring, it delivers supreme light sensitivity, gorgeous background defocusing, high image accuracy and SLR-like operation that empower you to express yourself like never before. Open your eyes to the creative possibilities in a go-anywhere package.
The bright lens and large sensor deliver beautiful selective focus effects.

Effective 20.2-megapixel resolution captures every delicate detail.
Unlock the power of imaging.

Enormous 1 inch Exmor® CMOS image sensor

The huge dimensions of this specially developed Exmor CMOS sensor capture more light from your scene and reproduce every stunning detail with greater fidelity. Original dual noise reduction and column A/D conversion also decrease noise to ensure smooth, clear reproduction even in low-light conditions at approx. 20.2-megapixel effective resolution.

High-performance Carl Zeiss® Vario-Sonnar T* lens

Legendary Carl Zeiss optics and unrivaled Sony imaging technology come together in one extraordinary lens. Despite compact dimensions, it offers supremely accurate performance, powerful 3.6x optical zoom capabilities and an enormous F1.8 circular aperture for gorgeous background defocusing with beautiful bokeh.

Sophisticated high-speed BIONZ® image processor

Sony’s blazing-fast BIONZ imaging engine employs powerful algorithms to transform data captured by the CMOS sensor into stunningly beautiful images with accurate color, rich tonal gradations and minimal noise. Its advanced design also handles demanding tasks like up to 10 fps continuous shooting and Multi Frame NR with utmost precision.
Wide-ranging sensitivity reveals the beauty of every scene.

Capture every detail in virtually any lighting.

Shoot almost anywhere thanks to wide-ranging ISO sensitivity.

You can shoot in almost any lighting with natural results thanks to sensitivity that ranges from ISO 125 to 6400. Let the Auto ISO mode determine the most appropriate setting automatically, or manually expand sensitivity as low as ISO 80*. The bright lens, extra-large sensor and precision image processing work together to ensure remarkably low noise in everyday shooting situations.

Achieve amazing clarity in dim lighting with Multi Frame NR.

Even the darkest, most challenging scenes are captured with remarkable clarity by Multi Frame NR. This feature enables high-sensitivity shooting up to an equivalent of ISO 35600* by seamlessly superimposing six images and achieving noise reduction equivalent to a 2-stop lower ISO setting. It can also be used in combination with P/A/S/M modes for enhanced creative control.

Record beautiful movies at a stunning Full HD resolution.

Create movies of amazing clarity that play extra smoothly by recording them at Full HD resolution (1920 x 1080 pixels) in the AVCHD™ Ver. 2.0 (Progressive) format — at the extremely high frame rate of 60* fps. You can even record fast-moving subjects and dark environments in astonishing clarity thanks to the combined advantages of the new image sensor and lens. Furthermore, P/A/S/M modes can expand your moviemaking creativity.

View images clearly in bright sunlight.

The new 3 inch (7.5cm) high-precision monitor enhances outdoor viewing through advanced WhiteMagic™ technology, which combines white and RGB pixels to boost brightness and visibility. TrueBlack™ technology also raises contrast, reduces surface reflections and deepens blacks for more true-to-life reproduction on the 1,229k-dot screen.

*ISO 12800 and higher ISO settings are achieved through superimposing and By Pixel Super Resolution technology.

*Setting the ISO value lower than ISO 125 may narrow the range of recordable subject brightness (dynamic range).

*NTSC

1/2.2sec.  f/2.2  ISO125

1/2000sec.  f/2.2  ISO200

ISO125

ISO3200

ISO6400

Six images for superimposing

Composited result

ISO 1000 and higher ISO settings are achieved through superimposing and By Pixel Super Resolution technology.

*ISO 12800 and higher ISO settings are achieved through superimposing and By Pixel Super Resolution technology.

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1/2.2sec.  f/2.2  ISO125

1/2000sec.  f/2.2  ISO200

ISO125

ISO3200

ISO6400

Six images for superimposing

Composited result

ISO 1000 and higher ISO settings are achieved through superimposing and By Pixel Super Resolution technology.
Enjoy subtle accuracy and intuitive control.

Intuitively adjust settings with the control ring and interface.

Simply rotate the control ring around the lens while viewing the new user-friendly interface to adjust camera settings ranging from zoom magnification to aperture and Picture Effect with ease. The ring turns smoothly and steplessly as the LCD provides clear feedback to allow precise, intuitive adjustment. Such precision is usually reserved for SLR cameras and will satisfy your most exacting demands.

Instantly access functions with the Function button.

Your favorite, most frequently used functions are only a press away thanks to the easily customizable Function button. Just press the button and turn the control ring for the ultimate in carefree parameter adjustment. Up to 7 functions can be assigned to the Function button from a list of 17 possibilities.

Fine-tune images via Photo Creativity interface.

Now it’s easy to achieve exactly the look you desire. Just rotate the rear control dial to intuitively fine-tune properties of your image in real-time on the screen. This Photo Creativity interface lets you adjust Background Defocus, Color, Brightness and Vividness as well as overlay these multiple effects.
The freedom to express subtle color details on a grand scale.

Fill your images with personality and panache.

Artistically transform photos and movies via Picture Effect.

Everyday scenes become fascinating works of art when you apply any of the 13 effects of Picture Effect, including newly added High Contrast Monochrome, Posterization, Retro Photo and Soft Focus.

Add Creative Style settings for the perfect finishing touch.

Bring out the character of your scene by applying the Standard, Vivid, Portrait, Landscape, Sunset or B/W mode. The Cyber-shot® RX100 camera appropriately adjusts the color and other image parameters, while letting you customize contrast, saturation (where applicable) and sharpness as you please.
Free yourself from creative limitations.

Compose portraits like a professional.

Auto Portrait Framing automatically trims portraits to create beautifully balanced compositions in the landscape or portrait orientation. The image has the same number of pixels as the saved original image, thanks to Sony’s proprietary By Pixel Super Resolution Technology.

Focus automatically, manually or with DMF.

Use highly responsive Single-shot AF or Continuous AF to focus on your subject in as little as 0.13 seconds*. Enjoy total focusing freedom with the Manual focus mode. Or enter the Direct Manual Focus (DMF) mode to begin with autofocus and switch to manual.

*According to internal Sony testing. Results may vary depending on shooting conditions such as atmospheric brightness.

Shoot steadily from your hand.

Optical SteadyShot™ technology compensates for camera shake blur to deliver sharp images during handheld shooting. When shooting movies, Optical SteadyShot stabilization (Active Mode)* further enhances stabilization to compensate for larger hand movements.

*Combined with electronic stabilization.

Enjoy point-and-shoot simplicity.

Superior Auto mode detects and analyzes shooting conditions and adjusts camera settings to automatically achieve beautiful results even in challenging nighttime and backlit scenes. It also activates advanced functions like Auto HDR when helpful.

The enjoyment continues after you shoot.

PlayMemories Home™

This convenient software makes it easy to download photos to a computer for viewing, editing, printing, sharing (via e-mail or web upload), burning to disc or retouching.

PlayMemories Studio™

Now you can enjoy photos and movies on your entertainment system, thanks to PlayMemories Studio software for the PS3® system.

*Optional software

PlayMemories Online™

 Shoot photos and videos with your favorite camera or smartphone and effortlessly enjoy them on your tablet, computer, connected BRAVIA® TV and more! Start with 5GB of free storage space; for details, visit http://playmemoriesonline.com

Further expand your shooting pleasure.

Image Data Converter

Enjoy advanced features for manipulating, converting and managing full-resolution RAW images you capture. While viewing the images, you can expertly adjust exposure, white balance, tonal curves, saturation, contrast, hue, sharpness and more.

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Sweep Panorama™ Mode

Auto HDR

MF Assist and Peaking functions

Memory Recall (MR)

Clear Image Zoom

Digital Level Gauge

Up to 10 fps continuous shooting

Sweep Panorama™ Mode

Soft Skin Effect

Face Registration

Scene Selection

RAW shooting

New longer lasting battery

Charging via USB cable

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### Specifications

#### Product Features

- **Sensor Type**: 1.0-inch (13.2 x 8.8mm) Exmor R CMOS sensor, aspect ratio 3:2
- **Number of pixels**: (Effective) Approx. 30.2 megapixels (Gross) Approx. 20.9 megapixels

#### Lens

- **Lens Type**: Carl Zeiss Vario-Sonnar T*, 7 elements in 6 groups (4 aspheric elements including AA lens)
- **F-number (Maximum Aperture)**: FL (W) - 14.9 (T)
- **Aperture Blades**: Iris diaphragm (7 blades)
- **Focus Length (1) (1)**: f=10.4 - 37.1mm
- **35mm film equivalent**
  - [Still Image 3:2] f=28-100mm [Still Image 16:9] f=29-105mm
  - [Still Image 4:3] f=30-180mm [Still Image 1:1] f=36-127mm
  - [Movie 16:9] f=29-105mm (SteadyShot Standard)
  - f=31-127mm (SteadyShot Active mode) [Movie 4:3] f=26-128mm (SteadyShot Standard), f=41-146mm (SteadyShot Active mode)

- **Focus range (from the front of the lens)**: AF approx. 5cm to infinity (W), approx. 55cm to infinity (T)

- **Image Stabilization**: SteadyShot Active mode

#### Screen

- **Screen Type**: 3.0 inch (7.5cm) (4:3) / 1,229,000 dots / Xtra Fine LCD™ / TruBlack™ / TFT LCD

- **Brightness Control**: Auto / Manual (5 steps) / Sunny Weather mode

- **Electronic SteadyShot**: SteadyShot Active mode

- **Focus Mode**: Single-shot AF (AF-S) / Continuous AF (AF-C)

- **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 / Evaluative

- **Exposure Compensation**: +3.0EV / -3EV stop

- **ISO Sensitivity**: (Still Image)
  - Auto (ISO125 - 6400, selectable with upper / lower limit), 125 / 200 / 400 / 800 / 1600 / 3200 / 6400 (Expandable to ISO 80 / 100)
  - Multi Frame NR: Auto (ISO125 - 25600), 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800 / 25600

- **ISO Sensitivity (Movie)**
  - Auto (ISO 25 - 3200 equivalent), 125 / 200 / 400 / 800 / 1600 / 3200

- **White Balance Mode**: Auto / Daylight / Shade / Cloudy / Incandescent / Flash / Fluor (Warm White) / Fluor (Cool White) / Fluor (Day White) / Fluor (Daylight) / Flash / C.Temp., Filter / Custom

- **Shutter Speed**: iAuto (1/1 - 2000) / Program Auto (1-1000) / Manual (Bulb: 30-10000) / Aperture Priority (8-1/2000) / Shutter Priority (5-1/2000)

- **Aperture**: F1.8-11 (W), F4-9.11 (T)

- **Image Size**: Various resolutions, including AA lens)

- **Creative Style**: Auto / Manual / Portrait / Landscape / Sunset / Black & White / Vivid / Standard

- **Continuous Shooting Speed (maximum)**: Approx. 10 fps

- **Dynamic Range Functions**: Off, Dynamic Range Optimizer (Auto) / Level, Auto High Dynamic Range: Off, Digital Level Gauge (pitch and roll), MR (memory recall), MR (memory recall)

- **Self-Timer**: 10sec. / 2sec. / Self portrait / Self timer Cont.

- **Shooting Mode**: Superior Auto, Intelligent Auto, Program Auto (Program shift still available), Shutter Priority, Aperture Priority, Manual, Scene Selection, Movie, Sweep shooting

#### Other Playback Function

- **3D viewing mode**: 3D viewing mode, Control for HDMI, Slideshow

- **3D viewing mode**: 3D viewing mode, Control for HDMI, Slideshow

- **Memory Stick**: Approx. 330 / Approx. 185.5 (LCD), [ Movie] Approx. 80min

- **Other Accessories**: Rechargeable Battery Pack NP-BX1, AC Adapter AC-UD10 / 11, Micro USB cable, Wrist Strap, Shoulder Strap Adaptor, Instruction Manual

#### Memory card

- **Number of recordable still images**:
  - Image size: L 20M (1:3.2)
    - Memory card formatted with this camera: 20GB 80GB
    - Standard: 295 1200
    - Fine: 170 690
    - RAW & JPEG: 58 235
    - RAW: 88 355
  - Memory card: 3GB

- **Recording time for movies**
  - Standard: 20GB 80GB
  - AVCHD 2MBPS: 9 min 35 min
  - AVCHD 24MBPS: 10 min 40 min
  - AVCHD 17MBPS: 10 min 1h
  - MP4 1440x1080 120: 15 min 1h 20 min
  - VEGA 3M: 1h 10min 4h 55min

#### Recording

- **Flash**: Auto / Fill-flash / Slow Sync / Red Eye Off

- **Movie Recording Mode**: [Still Image] JPEG, RAW (Sony ARW 2.3 format), Movie: AVCHD Ver.2.0, MP4

#### Interface

- **Input and Output Terminal**: Micro USB, Hi-Speed USB (USB2.0), Micro HDMI®

- **Power Source**: DC3.4V (supplied battery) / DC5.0V (supplied AC adapter)

- **Battery System**: NP-BX1 (supplied)

- **Power Consumption (Camera mode)**: Approx. 1.5W

- **USB Charge/USB Power Supply**: Yes (supplied AC adapter)

- **Battery Life**: [Still Image] Approx. 330 / Approx. 185.5 (LCD), [ Movie] Approx. 80min

#### Number of recordable still images

- **Image size**: L 20M (1:3.2)
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- **RAW**: 88 355
- **Vega**: 3MB

1. Optical zoom from the wide side. 2. Capacity will vary based on image recorded. 3. Achieved by using “By Pixel Super Resolution” technology and overburst shooting. 4. You may not be able to shoot images in Burst mode depending on the shooting mode. 5. Speed will slow after taking some shots. 6. Speed may vary depending on shooting conditions and media card used. 7. With Adapter (not supplied) 6. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use. Video records in up to 29 minute segments. 8. Requires 3D HDTV, HDMI cable (at least 10.2 Gbps) and active 3D glasses sold separately. 9. Maximum continuous shooting time is approx. 29 minutes. Maximum movie file size is approx. 2GB 9. Must be installed with the above OS at delivery. Proper operation cannot be guaranteed with an upgraded OS environment. 10. 64-bit and Starter Editions are not supported. The Windows Image Mastering API (IMAPI) Ver.2.0 or later is required to use the function for creating discs.

#### Environmental Information

- **Halogenated flame retardants are not used in cabinets**. Halogenated flame retardants are not used in the cabinet printed wiring boards. Incised paper is used for the cardboard. © 2012 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications subject to change without notice.

#### System requirements of bundled software

- **Microsoft Windows® XP / Windows Vista® / Windows 7 / Digital Image Converter®
- Macintosh®
- Mac OS X v10.5 / Mac OS X v10.6 / Mac OS X v10.7 (Lion)

- **CPU**: Pentium® 4 or faster
- **Intel Core Duo / Core 2 Duo or faster
- **Intel Core Duo 1.6 GHz or faster / Core 2 Duo 2.6 GHz or faster**

- **Memory**: 1GB or more / 2GB 9. Must be installed with the above OS at delivery. Proper operation cannot be guaranteed with an upgraded OS environment. 10. 64-bit and Starter Editions are not supported. The Windows Image Mastering API (IMAPI) Ver.2.0 or later is required to use the function for creating discs.

#### Printed in United States

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