

# SONY

## DSC-RX100M3/B

### Cyber-shot Digital Camera RX100 III



#### Specifications

Camera	
Camera Type	Cyber-shot® Digital Still Camera
Lens Compatibility	Fixed lens
Imaging Sensor	
Imaging Sensor	Exmor® R 1.0" CMOS sensor (13.2 X 8.8mm) (3:2 aspect ratio)
Processor	BIONZ® X image processor
Pixel Gross	20.9M pixels (approx.)
Effective Picture Resolution	20.1M pixels (approx.)
Focal Length Conversion Factor	2.7x
Color Filter System	RGB primary color filters
Recording	
Media Type	SD, SDHC and SDXC memory card; Memory Stick PRO Duo™/Pro-HG Duo™ media
Color Space	sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS™ Color
Still Image Mode	JPEG (Standard, Fine), RAW, RAW+JPEG
Still Image Max Effective Resolution	20.1 Megapixels
Still Image Size 16:9	L: 17M(5,472×3,080) / M: 7.5M(3,648×2,056) / S: 4.2M(2,720×1,528)
Still Image Size 1:1	L: 13M(3,648×3,648) / M: 6.5M(2,544×2,544) / S: 3.7M(1,920×1,920)
Still Image Size 3:2	L: 20M(5,472×3,648) / M: 10M(3,888×2,592) / S: 5M(2,736×1,824)
Still Image Size 4:3	L: 18M(4,864×3,648) / M: 10M(3,648×2,736) / S: 5M(2,592×1,944)
Panorama Still Image Size	Wide (12,416×1,856/5,536×2,160), Standard(8,192×1,856/3,872×2,160)
Video Format	XAVC S / AVCHD Ver. 2.0 / MP4 (MPEG-4 AVC (H.264))
Video Mode	XAVC S: 60p 50M(1,920×1,080/60p) / 30p 50M(1,920×1,080/30p) / 24p 50M(1,920×1,080/24p) / 120p 50M(1,280×720/120p)  AVCHD: 28M PS(1,920×1,080/60p) / 24M FX(1,920×1,080/60i) / 17M FH(1,920×1,080/60i) / 24M FX(1,920×1,080/24p) / 17M FH(1,920×1,080/24p)  MP4: 12M(1,440×1,080/30fps) / 3M VGA(640×480/30fps)
Video Signal	NTSC color, EIA standards
Audio Format	XAVC S: LPCM 2ch; AVCHD:Dolby Digital(AC-3) 2ch(Dolby Digital Stereo Creator); MP4:MPEG-4 AAC-LC 2ch
Microphone/Speaker	Built-in Stereo Microphone / Mono Speaker
Mic Level Control	16 steps
Still Image File Format	JPEG (DCF Ver. 2.0, Exif Ver.2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format)
Wind Noise Reduction	Yes (On/Off)
Optics/Lens	
Lens Type	Carl Zeiss® Vario-Sonnar T*
Aperture	F1.8 - 11 (W), F2.8 - 11 (T)
Aperture (Max.)	F1.8(W)-2.8(T)

# SONY

Optical Zoom	2.9x (Optical Zoom during movie recording)
Digital Zoom	Still image: 20M Approx. 1.1x / 10M 1.6x / 5M 2.3x / VGA 4.4x; Movie: Approx. 1.1x
Focal Length (35mm equivalent)	(Still Image 3:2) f=24-70mm (Still Image 16:9) f=26-76mm (Still Image 4:3) f=25-73mm (Still Image 1:1) f=30.5-89mm (Movie 16:9) f=25.5-74mm (SteadyShot Standard), f=30-86mm (SteadyShot® Active Mode), f=33.5-95mm (SteadyShot Intelligent Active) (Movie 4:3) f=31-90mm (SteadyShot® Standard), f=37-105mm (SteadyShot Active Mode), f=41-117mm (SteadyShot Intelligent Active)
Lens Construction	10 elements in 9 groups (9 aspheric elements including AA lens)
Minimum Focus Distance	iAuto: AF (W: Approx. 5cm (0.17 ft.) to Infinity, T: Approx. 30cm (0.99 ft.) to Infinity) / Program Auto: AF (W: Approx. 5cm (0.17 ft.) to Infinity, T: Approx. 30cm (0.99 ft.) to Infinity)
Aperture Blade	Iris diaphragm (7 blades)
Aspheric Elements	9 aspheric elements including AA lens
Clear Image Zoom	Still Image: 20M Approx. 5.8x / 10M 8.2x / 5M 11x / VGA Approx. 4.4x; Movie: Approx. 5.8x
<b>ND Filter</b>	
ND Filter	Auto / On(3 steps) / Off
<b>Optics/Lens</b>	
Steady Shot Mode:Active	(Still image) Optical (Movie) Active Mode, Optical type with electronic compensation (Anti-rolling)
<b>Viewfinder</b>	
Type	0.39" SVGA electronic viewfinder(OLED), 1,440,000dots
Diopter Adjustment	-4.0 to +3.0m <sup>-1</sup>
Magnification	Approx. 0.59x with 50mm lens at infinity, -1m <sup>-1</sup> (diopter) (35mm equiv.)
<b>LCD Display</b>	
LCD Type	3.0" (7.5cm) (4:3) / 1,229,000 dots / Xtra Fine / TFT LCD / Tilttable (Up by approx. 180degrees, down by approx. 45degrees.)
Angle Adjustment	Tilt angle: Up by approx. 180degrees, down by approx. 45degrees
Brightness Control	Auto / Manual(5 steps) / Sunny Weather
Coverage	100% Field of View
Live View	Continuous Live View
Real-time image adjustment display	Yes (On/Off)
Histogram	Yes (On/off)
Peaking	Yes Level setting: High/Mid/Low/Off Color: White/Red/Yellow
Grid Display	Yes (Rule of Thirds, 4x6 Square, Diagonal & 4x6 Square Grids, Off)
Customization	Grid, Histogram display, Digital Level Gauge, Grid Line, Magnified display for playback
<b>Focus Control</b>	
Focus System	Contrast-detect AF
Focus Points	25 points
AF Modes	Single-shot AF (AF-S) / Continuous AF (AF-C) / Direct Manual Focus (DMF) / Manual Focus
Focus Area	Multi point AF (25 points) / Continuous AF / Single Shot AF / Flexible spot (S/M/L) / Lock on AF (Wide/Center/Flexible Spot (S/M/L))
Focus Sensitivity	EV 0 to 20 EV (at ISO100 equivalent)
Focus Features	Predictive control (AF-A, AF-C), Focus Lock
AF Illuminator	Built-in LED, Range: approx. 3' 4" - 9' 9" (0.3m-3.0m)
<b>Exposure System</b>	
Metering Modes	Multi-segment, Center-weighted, Spot
Metering Sensitivity	EV 0 to 20 (at ISO100 equivalent)

# SONY

Exposure Compensation	+/- 3.0 EV, 1/3 EV step
Exposure Settings	(Still) Superior Auto, Intelligent Auto, Program Auto (Program shift available), Shutter Priority, Aperture Priority, Manual, Scene Selection, Movie, Sweep Panorama (Movie) Program Auto, Aperture Priority, Shutter Priority, Manual
Scene Mode(s)	Anti Motion Blur, Fireworks, Gourmet, Handheld Twilight, High Sensitivity, Landscape, Macro, Night Portrait, Night Scene, Pet Mode, Portrait, Sports Action, Sunset
D-Range Optimizer	Off, Dynamic Range Optimizer (Auto/Level 1-5), Auto High Dynamic Range: Off, Auto Exposure Difference, Exposure difference Level (1.0-6.0EV, 1.0EV step)
Auto Exposure Lock	Yes (AE Lock button). Can be disabled from menu
ISO	Auto(ISO125-12800, selectable with upper / lower
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn Leaves, Black & White, Sepia, Style Box
White Balance Mode	Auto / Daylight / Shade / Cloudy / Incandescent / Fluor (Warm White) / Fluor (Cool White) / Fluor (Day White) / Fluor (Daylight) / Flash / C. Temp., Filter / Custom
Color Temperature	2500 - 9900K with 15-step each Magenta/Green compensation (G7 to M7), Amber/Blue (A7 to B7), Custom
Minimum Illumination	Movie: Auto:1.2lux(Shutter Speed 1/30")
Exposure Bracketing	3 continuous or single shots in 1/3 or 2/3 EV steps
ISO Sensitivity (Movie)	Auto:(ISO125Level-ISO12800Level, 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
Picture Effect(s)	(Still Image) 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  (Movie) Toy Camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Monochrome
WB Shift	G7-M7,A7-B7
<b>Drive System</b>	
Drive Mode	Single-shot, Continuous, Speed Priority Continuous, Self-timer (10/2 sec. delay), Self-timer (Cont.), Self-portrait One-person, Self-portrait Two-person, (with 10 sec. delay; 3/5 exposures), Bracketing
Continuous Shooting Speed	10 fps at 20.2MP
Self-timer	10 sec. / 2 sec. / Self-portrait One-person/ Self-portrait Two-person/ Self timer Continuous (3 or 5 shots)
Shutter Speeds	iAuto (4 - 1/2000) / Program Auto (1 - 1/2000) / Manual (Bulb, 30 - 1/2000) / Aperture Priority (8 - 1/2000) / Shutter Priority (30 - 1/2000)
Burst Buffer	JPEG Standard (12 shots) JPEG Fine (12 shots) RAW (13 shots) RAW+JPEG (10 shots)
<b>Flash</b>	
Flash Type	Built-in, Pop-up Auto
Flash Metering System	Pre-flash TTL
Flash Modes	Auto / Fill-flash / Slow Sync / Rear Sync / Off
Flash Compensation	±2.0 EV (switchable between 1/3 EV steps)
Flash Coverage	ISO Auto: 1' to 49' 2" (0.30m to 15.0m) (W) / 1' 9" - 18' 8" (0.55m to 5.7m) (T) ISO 12800: Up to 98' 5" (30.0m) (W) / 37' (11.3m) (T)
Recycling Time	Approx. 3.4 sec.
Flash Bracketing	±2.0 EV
<b>Convenience Features</b>	
Media/Battery Indicator	Yes

# SONY

View & Index	Single (with or without shooting information), RGB histogram and highlight/shadow warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, S: 6.8x), Auto Review (10/5/2 sec, Off), Image orientation (On/Off), Slideshow, Panorama scrolling, Folder selection (still), Forward/Rewind (movie), Delete, Protect
<b>Advanced Features</b>	
Auto High Dynamic Range	Yes, (Auto Exposure Difference, Exposure difference Level (1-6 EV at 1.0 EV step), off)
Sweep Panorama	Horizontal (Wide/Standard), Vertical (Wide/Standard)
Face Detection	On, Off, Face Registration, Face Selection; maximum eight faces detected
Smile Shutter™ technology	Smile shutter (selectable from 3 steps)
Image Stabilization	(Still Image) Optical (Movie) Active Mode, Optical type with electronic compensation (Anti-rolling)
Priority Setting (for Face Detection)	Yes (eight faces max) New Registration / Order Exchanging / Delete / Delete All
<b>Interface</b>	
Memory Card Slot	Dual compatibility slot: Memory Stick PRO Duo™/Pro-HG Duo™/PRO-HG HX Duo™ media - SD, SDHC and SDXC memory card
NFC	Yes (NFC Forum Type 3 Tag compatible, One-touch remote, One-touch sharing)
Wi-Fi	Yes
HD Output	HDMI® (Type D micro)
USB Port(s)	USB 2.0 Hi-speed (mass-storage, MTP)
BRAVIA® Sync™	Yes, via HDMI® with compatible BRAVIA HDTV (link menu)
PhotoTV HD	Yes, with BRAVIA Sync enabled HDTV and HDMI® cable
Remote Commander	Yes, via RM-VPR1
DC IN	Yes, via AC-UB10 AC charger and USB cable
Tripod Mount	Yes (1/4" diameter, 20 threads per inch)
<b>Weights and Measurements</b>	
Dimensions (Approx.)	4 " x 2 3/8 " x 1 5/8 " (101.6x58.1x41.0 mm) excluding protrusions
Weight (Approx.)	With battery and Memory Stick PRO Duo Approx. 10.2 oz. (290 g)
Weight(Approx) (Main unit only)	9.3 oz. (263 g)
<b>Power</b>	
Battery Type	InfoLITHIUM® NP-BX1 (3.6V)
Battery Capacity	4.5Wh (1240mAh)
Number of Still Images	Approx. 320 images with LCD monitor (CIPA standard)
Power Consumption (in Operation)	Approx. 1.8W
Power Requirements	AC 100V to 240V, 50/60 Hz, 70mA
<b>Software</b>	
Supplied Software	Supplied Software: PlayMemories™ Home, Image Data Converter Version 4 (via software download from camera)
Operating System Compatibility	PlayMemories Home: Windows® XP SP3, Windows Vista® SP2, Windows®7 SP1, Windows®8 (PlayMemories Home is not Mac compatible); PlayMemories Online Uploader: Windows XP SP3, Windows Vista®SP2, Windows®7 SP1, Windows®8, Mac OS X (v10.5- v10.8); Image Data Converter Version 4.2: Windows® XP SP3,Windows Vista® SP2,Windows®7 SP1,Windows®8, Mac OS X (v10.5- v10.8)
<b>Service and Warranty Information</b>	
Limited Warranty Term	1 Year Parts & Labor
<b>Accessories</b>	



Supplied Accessories

Rechargeable Battery Pack NP-BX1  
AC AdapterAC-UB10C/UB10D  
Micro USB cable  
Wrist Strap  
Shoulder Strap Adapter  
Instruction Manual