



## Specifications

Camera	
Camera Type	Compact zoom digital camera
Imaging Sensor	
Imaging Sensor	1/2.3" Exmor® R CMOS sensor
Processor	BIONZ®
Pixel Gross	16.8 MP
Effective Picture Resolution	16.2 MP
Color Filter System	RGB primary color filters
Recording	
Media Type	optional "Memory Stick Duo" (No movie recording), optional "Memory Stick PRO Duo" (Mark 2 only for movie recording), optional "Memory Stick PRO-HG Duo", optional SD Memory Card (Class 4 or higher), optional SDHC Memory Card (Class 4 or higher)
Still Image Max Effective Resolution	Approx. 16.2 Megapixels
Still Image Size 16:9	16:9mode:12M(4,608 x 2,592) / 2M(1,920 x 1,080)
Still Image Size 4:3	4:3mode:16M(4,608 x 3,456) / 10M(3,648 x 2,736) / 5M(2,592 x 1,944) / VGA
Panorama Still Image Size	Sweep Panorama:360(11,520 x 1,080) / HR(10,480x4,096) / Wide(7,152 x 1,080/4,912 x 1,920) / Standard(4,912 x 1,080/3,424 x 1,920)
Video Format	AVCHD Ver2.0/MP4
Video Mode	AVCHD 60i: 24M FX / 17M FH(1,920x1,080/60i) / 9M HQ(1,440x1,080/60i), MP4:12M(1,440x1,080/30fps) / 6M(1,280x720/30fps) / 3M VGA(640x480/30fps)
Dual Record	Yes
Audio Format	AC3(Stereo)
Microphone/Speaker	Stereo/Mono
Wind Noise Reduction	Off/on
Optics/Lens	
Lens Type	Carl Zeiss® Vario-Tessar®
Aperture	iAuto(F3.3/F8.0(W), 2 steps with ND Filter) / Program Auto(F3.3/F8.0(W), 2 steps with ND Filter)
Optical Zoom	8x
Digital Zoom	32
Focal Length (35mm equivalent)	Still 16:9 28-224mm/ Still Image 4:3 25-200mm/ Movie 16:9 28-224mm (SteadyShot Standard), 28-314mm(SteadyShot Active)/ Movie 4:3 34-272mm(SteadyShot Standard), 34-381mm(SteadyShot Active)
Lens Construction	8 elements in 7 groups (including 5 aspheric elements)
Minimum Focus Distance	iAuto:AF(W:Approx.5cm(0.16') to Infinity, T:Approx.150cm(4.92') to Infinity) / Program Auto:AF(W:Approx.5cm(0.16') to Infinity, T:Approx.150cm(4.92') to Infinity)
Steady Shot Mode:Active	Yes
LCD Display	
LCD Type	2.7" ClearPhoto™ LCD (230K dots)
Brightness Control	5(Bright) / 4 / 3 / 2 / 1(Dark)

Histogram	Yes (On/Off)
Grid Display	Yes (On/Off)
<b>Focus Control</b>	
AF Modes	Multi Point AF / Center Weighted AF / Spot AF / Tracking Focus / Face Tracking Focus
AF Illuminator	Auto / Off
<b>Exposure System</b>	
Metering Modes	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
Scene Mode(s)	High Sensitivity / Soft snap / Soft Skin / Landscape / Night Portrait / Night Scene / Handheld Twilight / Gourmet / Beach / Snow / Fireworks / Pet mode / Anti-motion blur / Backlight Correction HDR
ISO	Auto / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400*4 / 12800*4
White Balance Mode	Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push, One Push Set
<b>Drive System</b>	
Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Shutter Speeds	iAuto(4" - 1/1600) / Program Auto(1" - 1/1600)
Burst Mode	Approx.10 fps at 16.2MP (for up to 10 shots)
<b>Flash</b>	
Flash Modes	Auto / Flash On / Slow Synchro / Flash Off / Advanced Flash
Flash Coverage	ISO Auto: Approx.0.2m to 4.2m(7 7/8 inches to 13feet 9 3/8 inches)(W) / Approx.1.5m to 2.2 m(4feet 11 1/8 inches to 7feet 2 5/8 inches)(T), ISO3200: up to Approx.5.9m(19feet 4 3/8 inches)(W) / Approx.3.1m(10feet 2 1/8 inches)(T)
<b>Convenience Features</b>	
Red-Eye Reduction	Auto / On / Off
Erase/Protect	Erase: Single / Select / Date / Folder / AVCHD Protect: Single / Select / Date / Folder / AVCHD
Power Save Mode	Standard / Max / Off
<b>Advanced Features</b>	
Sweep Panorama	Intelligent Sweep Panorama, Intelligent Sweep Panorama (360)
Face Detection	8 faces
Image Stabilization	Optical SteadyShot™ Image Stabilization with Active Mode
In-Camera Editing	Trimming / Unsharp Masking / Date view
Intelligent Auto	Yes
Shooting Tips	Yes
Tracking Focus	Off / Auto
Blink Detection	Yes
Priority Setting (for Face Detection)	Auto / Off / Child Priority / Adult Priority
<b>Interface</b>	
Memory Card Slot	MS Duo and SD/SDHC/SDXC compatible
HD Output	Micro HDMI
USB Port(s)	Hi-Speed USB(USB2.0)
<b>Weights and Measurements</b>	
Dimensions (Approx.)	W x H x D: 3 3/4" x 2 1/8" x 29/32" (92.3mm x 52.5mm x 22.5mm)
Weight (Approx.)	4.4oz. (124g)
Weight(Approx) (Main unit only)	3.8oz. (108g)
<b>Power</b>	
Battery Type	LITHIUM ION NP-BN 3.6V

Battery Capacity	typical:2.3Wh(630mAh), minimum:2.2Wh(600mAh)
Power Consumption (in Operation)	Approx. 1.0W
Power Requirements	AC 100V to 240V, 50/60 Hz, 70mA
<b>Accessories</b>	
Supplied Accessories	Battery (NP-BN) AC Adaptor (ACUP10C) Micro USB Cable Wrist Strap Instruction Manual

1. Records in 29 minute segments

2. Requires HDTV and HDMI cable sold separately

3. Combined with electronic stabilization

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