

Product Specifications

[Limited Warranty](#)

Advanced Features

- Image Stabilization : Optical SteadyShot™ with Active Mode Image Stabilization⁴
- Photo Creativity : Yes
- Intelligent Auto : Yes
- Sweep Panorama : Sweep Panorama
- Face Detection : 8 Faces (Off / On(Registered Faces) / On)
- Superior Auto : Yes

Camera

- Camera Type : Professional compact digital camera.

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- Color : Black

Convenience Features

- Still Image Playback Options : Control for HDMI, Slideshow

Drive System

- Continuous Shooting Speed : 10 fps at 20.2MP
- Self-timer : 10sec. / 2sec. / Self portrait / Self timer Cont.
- Shutter Type : iAuto (4-1/2000) / Program Auto (1-1/2000) / Manual (Bulb, 30-1/2000) / Aperture Priority (8-1/2000) / Shutter Priority (30-1/2000)

Exposure System

- D-Range Optimizer : Off, Dynamic Range Optimizer (Auto/Level), Auto High Dynamic Range: Auto exposure difference, Exposure difference level (1.0-6.0EV, 1.0-EV step)
- Exposure Compensation : +/- 3.0EV, 1/3EV step
- Picture Effect(s) : 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
- Scene Mode(s) : Portrait, Anti Motion Blur, Sports Action, Pet, Gourmet, Macro, Landscape, Sunset, Night Scene, Hand-held Twilight, Night Portrait, Fireworks, High Sensitivity
- Metering Modes : Multi segment / Center weighted / Spot
- Creative Style : Standard, Vivid, Portrait, Landscape, Sunset, Black & White
- ISO Sensitivity (Movie) : Auto (ISO125-3200 equivalent, selectable with upper / lower limit), 125 / 200 / 400 / 800 / 1600 / 3200
- White Balance Mode : Auto / Daylight / Shade / Cloudy / Incandescent / Fluor (Warm White)/ Fluor (Cool White)/ Fluor (Day White)/ Fluor (Daylight)/ Flash / C. Temp., Filter/ Custom

Flash

- Flash Modes : Auto/Fill-flash/Slow Sync/Rear Sync/Off
- Flash Coverage : ISO Auto 0.30m to 17.1m (W)/0.55m to 6.3m (T) (Approx.1' 3/4" to Approx.56' 1 3/4") (W) ISO 6400 up to 24.2m (W)/8.9m (T)

Focus Control

- AF Modes : Multi point AF (25 points) / Center weighted AF / Flexible spot / Flexible spot (tracking focus) / Flexible sport (face tracking)
- Focus System : Single-shot AF (AF-S) / Continuous AF (AF-C) / Direct Manual Focus (DMF) / Manual Focus

Imaging Sensor

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- Pixel Gross : 20.9MP (approx.)
 - Effective Picture Resolution : 20.2MP (approx.)
 - Imaging Sensor : 1.0" (13.2 x 8.8mm) Exmor™ CMOS sensor, aspect ratio 3:2
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Interface

- Memory Card Slot : MS Duo and SD/SDHC/SDXC Compatible
 - HD Output : Micro HDMI
 - USB Port(s) : Micro USB, Hi-Speed USB (USB2.0)
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LCD Display

- LCD Type : 3.0" (7.5cm) (4:3) / 1,229k dots / Xtra Fine / TruBlack / TFT LCD
 - Brightness Control : Auto / Manual (5 steps) / Sunny Weather mode
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Optics/Lens

- Digital Zoom : 20M approx. 14x / 10M approx. 20x / 5M approx. 28x / VGA approx. 54x
 - Optical Zoom : 3.6x
 - Lens Type : Carl Zeiss® Vario-Sonnar T*
 - Lens Construction : 7 elements in 6 groups (including AA lens)
 - Focal Distance : AF approx. 5cm to infinity (W), approx. 55cm to infinity (T)
 - Steady Shot Mode:Active : [Still image] Optical [Movie] Active Mode, Optical type with electronic compensation (Anti-rolling)
 - Clear Image Zoom : 7.2x
 - Aperture : F1.8-4.9
 - Focal Length (35mm equivalent) : Still16:9 29-105mm / Still 4:3 30-108mm / Still 3:2 28-100mm / Still 1:1 36-127mm / Movie 16:9 29-105mm (Std), 33-120mm (Active) / Movie 4:3 36-128 mm (Std), 41-146mm (Active)
 - Aperture Blade : Iris diaphragm (7 blades)
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Power

- Battery Type : LITHIUM ION NP-BX1 (supplied)
 - Power Consumption (in Operation) : Approx. 1.5W
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Recording

- Panorama Still Image Size : [3:2] L: 20M (5472x3648)/M: 10M (3888x2592)/S: 5.0M (2736x1824)
 - Video Format : AVCHD Ver2.0, MP4
 - Video Mode : AVCHD: 28M PS (1920x1080, 60p) / 24M FX (1920x1080, 60i) / 17M FH (1920x1080, 60i) MP4: 12M (1440x1080, 30 fps) / 3M VGA (640x480 30 fps)
 - Photo Capture from Movie : Yes
 - Still Image Size 16:9 : L: 17M (5472x3080); M: 7.5M (3648 x 2056); S:4.2M (2720 x 1528)
 - Still Image Size 3:2 : L: 20M (5472 x 3648; M: 10M (3888 x 2592); S: 5.0M (2736 x 1824)
 - Still Image Mode : JPEG, RAW (Sony ARW 2.3 format)
 - Media Type : Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG Duo, SD Memory Card, SDHC Memory Card, SDXC Memory Card
 - Still Image Size 4:3 : L: 18M (4864 x 3648); M: 10M (3648 x 2736); S: 5.0M (2592 x 1944); VGA
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Weights and Measurements

- Dimensions (Approx.) : 4" x 2 3/8" x 1 7/16" (101.6 x 58.1 x 35.9mm)
- Weight (Approx.) : 8.5 oz (240g)
- Weight(Approx) (Main unit only) : 7.5 oz (213g)