

Product Specifications

Advanced Features

- Image Stabilization : Optical SteadyShot™ Image Stabilization with Active mode
 - Dustproof : Yes
 - Intelligent Auto : Yes
 - Sweep Panorama : Underwater Sweep Panorama / Intelligent Sweep Panorama (360)
 - Anti Motion Blur : Yes
 - In-Camera Editing : Beauty Effect / Trimming / Unsharp Masking / Date view / Picture Effect
 - Waterproof : Yes
 - Face Detection : 8 faces
 - Smile Shutter™ technology : Yes
 - Shockproof : Yes
 - Picture Effects : HDR Painting / Richtone Monochrome / Miniature / Toy camera / Pop Color / Partial color / Soft High-key / Watercolor / Illustration
 - Freezeproof : Yes
 - Superior Auto : Yes
 - Background Defocus : Yes
 - Tracking Focus : Off / Auto
 - Blink Detection : Yes
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Camera

- Camera Type : Rugged digital camera
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- Color : Black
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Convenience Features

- Red-Eye Reduction : Auto / On / Off
 - Erase/Protect : Erase: Single / Select / Date / Folder / AVCHD Protect: Single / Select / Date / Folder / AVCHD
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Drive System

- Burst Mode : Approx 10 fps at 18.2MP (Maximum 10 shots)
 - Shutter Speeds : iAuto (4" - 1/1600) / Program Auto (1" - 1/1600)
 - Self-timer : Off / 10sec. / 2sec. / portrait1 / portrait2
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Exposure System

- 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 / Underwater / High speed shutter
 - Metering Modes : Multi Pattern / Center Weighted / Spot
 - ISO : Auto / 80 / 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
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Flash

Flash

- Flash Modes : Auto / Flash On / Slow Synchro / Flash Off / Advanced Flash
 - Flash Coverage : ISO Auto: Approx. 0.08m - 3.3m (3 1/4 inches to 10 ft. 10 inches) (W) / Approx. 0.6m - 2.4m (1 ft. 11 5/8 inches to 7 ft. 10 1/2 inches) (T), ISO3200: up to Approx. 4.7m (15 ft. 5 1/8 inches) (W) / Approx. 3.4m (11 ft. 1 7/8 inches) (T)
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Focus Control

- AF Illuminator : Auto / Off
 - AF Modes : Multi Point AF / Center Weighted AF / Spot AF / Flexible Spot AF / Flexible Spot AF (Tracking Focus) / Flexible Spot AF (Face Tracking Focus)
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Imaging Sensor

- Pixel Gross : 18.9MP
 - Color Filter System : RGB primary color filters
 - Effective Picture Resolution : 18.2MP
 - Imaging Sensor : 1/2.3" Exmor R[®] CMOS sensor
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Interface

- Memory Card Slot : MS Micro, Memory Stick Micro (Mark 2) and Micro SD/Micro SDHC Compatible
 - HD Output : Micro HDMI
 - USB Port(s) : Multi (AV/USB), Hi-Speed USB (USB2.0)
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LCD Display

- Touch Panel : Yes
 - LCD Type : 3.3" Xtra Fine™ OLED (1,229K dots)
 - Brightness Control : 5 (Bright) / 4 / 3 / 2 / 1 (Dark)
 - Grid Display : Yes
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Optics/Lens

- Optical Zoom : 5x
 - Minimum Focus Distance : iAuto: AF (W: Approx. 3cm (0.10 ft.) to Infinity, T: Approx. 60cm (1.97 ft.) to Infinity) / Program Auto: AF (W: Approx. 8cm (0.26 ft.) to Infinity, T: Approx. 60cm (1.97 ft.) to Infinity) / Magnifying Glass Plus: AF (Approx.1cm (0.03 ft.) to 20cm (0.66 ft.))
 - Lens Type : Carl Zeiss[®] Vario-Tessar[®]
 - Lens Construction : 12 elements in 10 groups (including 6 aspheric elements, 1 prism)
 - Steady Shot Mode:Active : Yes
 - Focal Length (35mm equivalent) : Still 4:3: 26-130mm / Movie 4:3: 35-175mm (SteadyShot Standard) 37-185 (SteadyShot Active) / Still 16:9: 28-140mm / Movie 16:9: 28-140mm (SteadyShot Standard) 30-150mm (SteadyShot Active)
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Power

- Power Requirements : AC 100V to 240V, 50/60 Hz, 70mA
 - Battery Type : LITHIUM ION NP-BN 3.6V
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 - Power Consumption (in Operation) : Approx. 1.0W
 - Battery Capacity : typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
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Recording

- 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)
- Microphone/Speaker : Stereo / mono

- Audio Format : AC3 (Stereo)
 - 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
 - Still Image Size 16:9 : 16:9 mode: 13M (4,896 x 2,752) / 2M (1,920 x 1,080)
 - Media Type : optional Memory Stick Micro, Memory Stick Micro (Mark 2), microSD Memory Card, microSDHC Memory Card
 - Still Image Max Effective Resolution : Approx. 18.2 Megapixels
 - Still Image Size 4:3 : 4:3 mode: 18M (4,896 x 3,672) / 10M (3,648 x 2,736) / 5M (2,592 x 1,944) / VGA
 - Wind Noise Reduction : Off / On
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Weights and Measurements

- Dimensions (Approx.) : W x H x D: (3 7/8" x 2 3/8" x 5/8" (96.4 x 59.3 x 15.4mm)
- Weight (Approx.) : 4.9 oz. (140g)
- Weight(Approx) (Main unit only) : 4.4 oz. (125g)