

EFFECTIVE IMAGE SENSOR PIXELS	16.35 Megapixels
TOTAL IMAGE SENSOR PIXELS	16.76 Megapixels [1/2.3" BSI CMOS]
LENS	
Focal Length	4.9 mm (Wide) - 19.6 mm (Tele)
[35mm film equivalent]	[27 mm (Wide) - 108 mm (Tele)]
F number	F3.0 (Wide) - F6.6 (Tele)
Lens Construction	7 groups 7 elements
Optical Zoom	4x
Focusing Range	Normal: (Wide) 60 cm - ∞ (Tele) 100cm - ∞ Macro: 5cm - ∞ (Wide Only)
AUTOFOCUS SYSTEM	TTL Autofocus

ANTI-HANDSHAKE

Digital Image Stabilization

DIGITAL ZOOM

6x Digital Zoom (Combined Zoom: 24x)

NUMBER OF RECORDING PIXELS

Still Image

(4:3) 16MP: 4608x3456,
10MP: 3648x2736, 5MP: 2592x1944,
3MP: 2048x1536, 0.3MP: 640x480, (3:2)
14MP: 4608x3072, (16:9) 12MP:
4608x2592, 2MP: 1920x1080

Movie

1920x1080 (30fps), 1280x720
(60fps/30fps), 640x480 (30fps), High-
Speed Movie 640x480 (120fps)

IMAGE COMPRESSION

Best, Fine, Normal

DCF, DPOF (VER 1.1) SUPPORT

Yes

FILE FORMAT

Still Image

Exif 2.3 (JPEG)

Movie

MOV (H.264), Audio: Linear PCM
(Monaural)

SHOOTING MODES

Auto, P, M, Wi-Fi, SCN, Movie,
Underwater

SCN MODES

Panorama, Children, Portrait, Night
Portrait, Landscape, Sport, Sunset,
Fireworks, Snow, Party, Beach, Night
Landscape, Glass, Panning Shot, Indoor,
Leaf, Museum, Image Stabilization

DETECTION FEATURES

Face, Smile, Blink

WATERPROOF

Up to 49ft / 15m

SHOCKPROOF

Up to 6ft / 2m

DUSTPROOF

Equivalent to JIS/IEC (IP6X)

RED-EYE REMOVAL

Yes

HDR (HIGH DYNAMIC RANGE)

Yes (Post-Processing)

SCAN PANORAMA

Up to 360°

LCD DISPLAY

2.7 inch (230K Pixels)

ISO SENSITIVITY

Auto, ISO 100/200/400/800/1600/3200

AF METHOD

Single AF, Multi-AF (TTL 25-point), Face Detection

EXPOSURE METERING METHOD

Artificial Intelligence AE (AiAE), Center-Weighted Average, Spot (Fixed to Center of Frame), Face AE

EXPOSURE CONTROL METHOD

Program AE (AE-Lock Available)

EXPOSURE COMPENSATION

+/- 3EV in 1/3 Step Increments

SHUTTER SPEED

1/2000 - 4 Seconds (Manual: 30 Seconds)

BURST MODE

Approx. 6fps (Full Resolution)

PLAYBACK MODES

Single Photo, Index (9/16 Thumbnails), Slide Show, Date, Burst Shooting, Zoom (Approx. x2 - x8)

WHITE BALANCE CONTROL

Auto (AWB), Daylight, Cloudy, Fluorescent, Fluorescent CWF, Incandescent, Manual, Underwater, Color Temperature Setting (1900K - 10000K)

FLASH

Flash Method

Internal

Flash Modes	Auto, Red-Eye Reduction, Fill Flash, Slow Synchro, Red-Eye Reduction + Slow Synchro, Force Off
--------------------	--

Shooting Range	(Wide) Approx. 0.3 m - 5.2 m (ISO800); (Tele) Approx. 1.0 m - 2.4 m (ISO800)
-----------------------	---

Recycle Time	6 seconds or less
---------------------	-------------------

RECORDING MEDIA	Internal Memory: Approx. 8MB
------------------------	------------------------------

micro SD/micro SDHC Card (Up to 32GB Support/Class 4 or Higher) [MMC Card Not Supported]

OTHER FEATURES	Wi-Fi (802.11 b/g/n), Remote Control (via iOS™/ANDROID™ Device), Multi-Language Support (26 Languages)
-----------------------	--

JACKS	USB 2.0 (Micro 5-pin USB)
--------------	---------------------------

POWER	Rechargeable Li-ion Battery (LB-015), 3.7V 700mAh, In-Camera Charging
--------------	---

SHOOTING CAPABILITIES

Approx. 2000 Shots (Based on CIPA Standards), Approx. 1hr 10min for Video (@1080p/30fps)

(Battery Performance)

OPERATION ENVIRONMENT

Temperature: 14° - 104°F / -10° - 40°C,
Humidity: 0 - 90%

DIMENSIONS (WxHxD)

Approx. 103.2 × 66.7 × 52.4 mm / 4.06 x 2.62 x 2.06 in (Based on CIPA Standards)

WEIGHT

Approx. 6.21 oz. / 176g (Body Only)