Specifications Collapse All

Metrics –

Dimensions (W x H x D)	103.7 x 58.3 x 19.7 mm / (4.08 x 2.30 x 0.77 inch)
Weight	Approx. 125g without Battery and SD Memory Card (0.28 lb) / Approx. 144g with Battery and SD Memory Card (0.32 lb)

Optics –

Pixels	
Camera Effective Pixels	16.1 Megapixels
Sensor	
Sensor Size / Total Pixels / Filter	1/2.33-inch CCD Sensor / 16.6 Total Megapixels / Primary Color Filter
Lens	
Aperture	F3.9 - 5.7 / 2-step (F3.9 / 9.0(W), F5.7 / 13.0(T))
Optical Zoom	4x
Focal Length	f=4.5 - 18.0mm (25 - 100mm in 35mm equiv.) / (29-108mm in 35mm equiv. in video recording)
Extra Optical Zoom (EZ)	5.1x (4:3 / 10M), 7.2x (4:3 / 5M), 9.0x (under 3M)
Intelligent Zoom	8x
2- Speed Zoom	-
Optical Image Stabilizer/Five Axis Correction	MEGA O.I.S. (On with Active Mode (Only for Motion Picture) /Off) / No
Digital Zoom	Max. 4x
Focus	
Focusing Area	Normal: Wide 50 cm - infinity / Tele 100 cm - infinity / Macro / Intelligent AUTO/ motion picture: Wide 5 cm - infinity / Tele 100cm - infinity
AF Assist Lamp	Yes (On/Off), LED light in motion picture
AF Metering	Face / AF Tracking / 23-Area / 1-Area / Spot
Shutter	
Shutter Speed	approx. 8 - 1/1300 sec / 15sec / 30sec / 60sec in Sarry Sky mode
Finder	
Viewfinder	-

Recording –

File	
File Format	Still Image: JPEG(DCF/Exif2.3), DPOF / Motion picture: MP4
Recording Modes	
Mode Dial / Mode Button	Intelligent AUTO, Normal Picture, Creative Control, Sports, Snow, Beach&Surf, Advanced Underwater, Panorama Shot, SCN
Creative Control mode	Expressive, Retro, High Key, Low Key, Sepia, Dynamic Monochrome, Impressive Art, High Dynamic, Cross Process, Toy Effect, Miniature Effect, One Point Color
Still Image Scene Mode	Portrait, Soft Skin, Scenery, Night Portrait, Night Scenery, Food, Baby1, Baby2, Pet, Sunset, High Sensitivity, Starry Sky, Glass Through
Continuous Shooting Mode	Full-Resolution Image, approx. 1.3 frames/sec / High-speed Burst Mode: approx. 8 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9, 2.5M for 1:1) / Flash burst shooting
Motion Picture Recording (*2)	
HD Video	1280 x 720 pixels, 30 fps (HD: 10Mbps / MP4)
STD Video	640 x 480 pixels, 30 fps (VGA: 4Mbps / MP4)
Continuous recordable time (motion pictures)	
AVCHD	-
MP4	approx. 100 min (HD)
Actual recordable time (motion pictures)	
AVCHD	-
MP4	approx. 50 min (HD)
Exposure Parameters	
Exposure	Auto(Program AE)
Exposure Compensation	1/3 EV step, +/-2 EV
Auto (AE) Bracketing	1/3 -1EV step, Max +/-1EV, 3 frames
Light Metering	Intelligent Multiple
ISO Sensitivity	I.ISO / 100 / 200 / 400 / 800 / 1600 / High Sensitivity mode (ISO 1600-6400)
Picture Quality	
Still Picture Recording	[1:1] 3456x3456 (12M) / [4:3] 4608x3456 (16M) / 3648x2736 (10M EZ) / 2560x1920 (5M EZ) / 2048x1536 (3M EZ) / 1280x960 (1M EZ) / 640x480 (0.3M EZ) / [3:2] 4608x3072 (14M) / [16:9] 4608x2592 (12M)
Image Quality	-
White Balance	Auto / Daylight / Cloudy / Shade / Incandescent / White Set
Photo Style / Film Mode	

Photo Style / Film Mode	-
Color Mode / Color Effect / My color	Color Mode : Standard, Black&White, Sepia, Vivid(Normal only), Happy (only in iA Mode)
Aspect Bracketing	-
Other	
Digital Red Eye Correction (Red-Eye Removal)	Yes
GPS	-
Wi-FI	-
NFC	-
Zoom in Motion Picture	Yes
Self Timer	2sec / 10sec

Playback –

Display	
Playback Mode	All, Slideshow, Filtering Playback (Picture Only, Video Only, Category Selection, Select Date, Favorites), Calendar
Thumbnails / Zoomed Playback	12,30-thumbnails / Yes
Calendar Display / Dual- Image Playback	Yes / No
Set Favorites / Rotate Image	Yes / No
Show Histogram	-
Show Highlights	-
DPOF Print Setting / Set Protection	Yes / Yes
Edit	
Retouch	Creative Retouch / Auto Retouch / Color Reproduction
Resize / Cropping / Aspect Conv. / Leveling	Yes / Yes / No / No
Copy / Title Edit / Text Stamp	Yes / No / Yes
Cut Animation	-
Video Divide	Yes
PictBridge Support	Single / Multi / All / Favorites / DPOF

Setup –

OSD language	English, Spanish

Others –

Monitor	
LCD Monitor	2.7"(6.7cm) TFT Screen LCD Display (230K dots)
Flash	
Built- in- Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off, / 0.3 - 4.4m (Wide / i.ISO), 1.0 - 3.0m (Tele/ i.ISO)
Media	
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
Built- in- Memory	Approx.70MB
Audio	
Microphone / Speaker	Mono / Mono
Power	
Battery life (approx.)	250 pictures (CIPA Standard)*1