

FULL SPECIFICATIONS

Design	COLOR Black		
Special Features	Animated Wallpapers, Microsoft® Office-compatible, Email, Corporate Email, Predictive Text (T9®/XT9®), AllShare® Play, Game Hub, Group Play, Instagram, Paper Artist, Photo Wizard, S Suggest™, Samsung Apps, Video Editor		
Image sensor	EFFECTIVE PIXEL Approx. 16.3 M	TOTAL PIXEL Approx. 17.0 M	IMAGE SENSOR TYPE BSI CMOS
Lens	OPTICAL ZOOM 21x Zoom Lens	FOCAL LENGTH f = 4.1 ~ 86.1mm (35mm film equivalent : 23 ~ 483mm)	F NO. 2.8 (W) ~ 5.9 (T)
Shutter Speed	MODES Program AE, Aperture Priority AE, Shutter Priority AE, Manual Exposure		
Exposure	ISO EQUIVALENT Auto, 100, 200, 400, 800, 1600, 3200	METERING SYSTEM Multi, Spot, Center-weighted, Face Detection AE	
Focusing	MODES TTL Auto Focus (Center AF, Multi AF, Face Detection AF)	RANGE Normal : 80cm ~ Infinity (Wide), 350cm ~ Infinity (Tele) Macro : 10cm ~ 80cm (Wide), 150cm ~ 350cm (Tele) Auto Macro : 10cm ~ Infinity (Wide), 150cm ~ Infinity (Tele) Manual : 10cm ~ Infinity (Wide), 150cm ~ Infinity (Tele)	
Shooting	MODES Beauty face, Best photo, Continuous shot, Best face, Landscape, Macro, Action Freeze, Rich Tone, Panorama, Waterfall, Silhouette, Sunset, Night, Fireworks and Light trace		
Display	MAIN LCD SCREEN 2.34" x 4.16"	RESOLUTION 1280*720 (HD)	TECHNOLOGY 16M TFT
Video	PICTURE EFFECTS No Effect, Sepia, Black & White, Negative, Old Photo, Sunshine, Vintage, Retro, Faded colors, Nostalgic, Comic, Pastel Sketch, Gothic Noir, Impressionist	HD MOVIE Full HD (1080p) Video Recording & Playback	RESOLUTION 16 MP
		COMPATIBLE VIDEO FILES H.263, H.264, MPEG4, VP8, VC-1, WMV	VIDEO, STREAMING Yes
Flash	MODES Auto, Auto & Red-eye reduction, Fill-in flash, Slow sync, Flash Off, Red-eye fix	RECHARGING TIME Approx. 4 sec.	RANGE Wide : 0.5m ~ 3.8m (ISO Auto), Tele : 0.5m ~ 1.8m (ISO Auto)
Image Stabilization	OPTICAL IMAGE STABILIZATION Optical Image Stabilization		
Smart Settings	SMART AUTO 1. Auto 2. Smart (19 Mode) : Beauty face, Best photo, Continuous shot, Best face, Landscape, Dawn, Snow, Macro, Food, Party/Indoor, Action freeze, Rich tone,		

	Panorama, Waterfall, Silhouette, Sunset, Night, Fireworks, Light trace 3. Expert Control (S Mode) : P (Auto+), A (Aperture Priority), S (Speed Priority), Camcorder, M (Manual)		
White Balance	MODES Auto WB, Daylight, Cloudy, Fluorescent_H, Fluorescent_L, Tungsten, Custom		
Storage	IMAGE SIZE 16M : 4608×3456, 14MP : 4608×3072, 12M W : 4608×2592, 10M : 3648×2736, 5M : 2592×1944, 3M : 1984×1488, 2MW : 1920×1080, 1M : 1024×768	INTERNAL MEMORY 8G Byte (including read-only sections such as Android operating system)	EXTERNAL MEMORY (OPTIONAL) 64GB
Still Image	PICTURE EFFECTS No Effect, Sepia, Black & White, Negative, Old Photo, Sunshine, Vintage, Retro, Faded colors, Nostalgic, Comic, Pastel Sketch, Gothic Noir, Impressionist	SHOOTING 1. Auto 2. Smart (19 Mode) : Beauty face, Best photo, Continuous shot, Best face, Landscape, Dawn, Snow, Macro, Food, Party/Indoor, Action freeze, Rich tone, Panorama, Waterfall, Silhouette, Sunset, Night, Fireworks, Light trace 3. Expert Control (S Mode) : P (Auto+), A (Aperture Priority), S (Speed Priority), Camcorder, M (Manual)	
Image Playback	EDITING Yes	OPTIONS Geo-tagging, Editing Modes, Camcorder, HD Recording, HD Playback, Video Share, HDMI out, Online Image Uploading	
Audio	COMPATIBLE MUSIC FILES MP3, AAC, AMR, WMA, OGG, FLAC, 3GA/M4A, WAV	AUDIO STREAMING Yes	MP3/MUSIC TONES Yes
Wireless Connectivity	WIFI Yes WAP BROWSER Yes	BLUETOOTH GAP, SSP, HSP, A2DP, SPP, OPP, AVRCP 1.3, HID	GPS Yes HTML BROWSER Yes
Inputs & Outputs	HDMI Yes	USB 2.0 Yes	
Dimensions	PRODUCT SIZE (WXHxD) 5.07" x 2.79" x 0.75"		
Weight	PRODUCT WITHOUT BATTERY AND CARD 10.7 oz		
Power	BATTERY 3.7 Volt, Lithium Ion, 1650mAh MUSIC PLAY TIME Up to 30 Hours	BATTERY, # OF PICTURES TAKEN Up to 350 Pictures VIDEO PLAY TIME Up to 330 Minutes	VIDEO CREATE TIME Up to 100 Minutes INTERNET USE TIME Wi-Fi: Up to 6 Hours
CPU/Processor	SPEED, TYPE, MANUFACTURER 1.4 GHz		
User Interface	GENERAL Google UI + TouchWiz®, Accelerometer, Widgets		SUPPORTED LANGUAGES Spanish, Vietnamese, Korean, and Chinese

