

Samsung ES ES81 1/2.3" Compact camera 12.2 MP CCD 4000 x 3000 pixels Black

Brand : Samsung

Product family: ES

Product code: EC-ES81ZZBPBE1

Product name : ES81

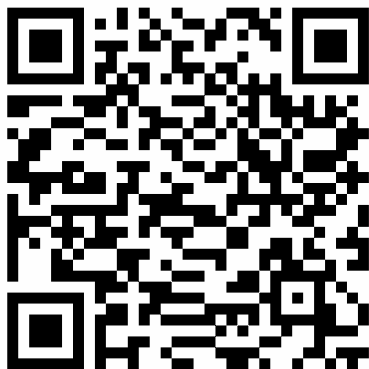
Samsung ES ES81. Camera type: Compact camera, Megapixel: 12.2 MP, Image sensor size: 1/2.3", Sensor type: CCD, Maximum image resolution: 4000 x 3000 pixels. Optical zoom: 5x, Digital zoom: 3x, Focal length range: 4.9 - 24.5 mm. Maximum video resolution: 640 x 480 pixels. Display diagonal: 5.99 cm (2.36"). PictBridge. Weight: 124.8 g. Product colour: Black



Picture Quality		Memory	
Image sensor size *	1/2.3"	Compatible memory cards *	SD, SDHC
Camera type *	Compact camera	Maximum memory card size	8 GB
Megapixel *	12.2 MP	Display	
Sensor type *	CCD	Display *	LCD
Maximum image resolution *	4000 x 3000 pixels	Display diagonal *	5.99 cm (2.36")
Still image resolution(s) *	1024 x 768, 2048 x 1536, 2592 x 1944, 3264 x 2448, 3968 x 2232, 3984 x 2656, 4000 x 3000	Display resolution (numeric)	110000 pixels
Image stabilizer *	✓	Ports & interfaces	
Total megapixels	12.4 MP	PictBridge *	✓
Lens System		USB version *	2.0
Optical zoom *	5x	Camera	
Digital zoom *	3x	White balance *	Auto, Cloudy, Custom modes, Daylight, Fluorescent, Tungsten
Focal length range	4.9 - 24.5 mm	Scene modes *	Backlight, Beach, Children, Close-up (macro), Dawn, Documents, Night, Portrait, Snow, Sunset, Landscape
Focusing		Shooting modes *	Movie, Program, Scene
Focus *	TTL	Photo effects *	Black&White, Negative film, Neutral, Vivid
Focus adjustment *	Auto	Camera playback	Movie, Single image, Slide show, Thumbnails
Auto focusing (AF) modes *	Centre weighted Auto Focus, Multi Point Auto Focus	Image editing	Resizing, Rotating
Face tracking	✓	Camera file system	DPOF 1.1, Exif 2.21
Normal focusing range (tele)	1 - ∞	Sharpness levels	Normal, Soft, Vivid
Normal focusing range (wide)	0.8 - ∞	Design	
Normal focusing range	0.8 - ∞	Product colour *	Black
Macro focusing range (wide)	0.05 - 0.8 m	Battery	
Auto Mode focusing range (tele)	1 - ∞	Battery performance	740 mAh
Auto Mode focusing range (wide)	0.05 - ∞		
Exposure			
ISO sensitivity	80, 100, 200, 400, 800, 1600, Auto		

Exposure		System Requirements	
Light exposure control	Program AE	Mac compatibility	✓
Light exposure correction *	± 2EV (1/3EV step)	Operational Conditions	
Light metering *	Centre-weighted, Spot	Operating temperature range (T-T)	0 - 40 °C
Shutter		Operating relative humidity range	5 - 85%
Camera shutter interval	2 s	Weight & Dimensions	
Flash		Width	97 mm
Flash modes *	Auto, Fill-in, Flash off, Red-eye reduction, Slow synchronization	Depth	20.8 mm
Flash range (wide)	0.4 - 3 m	Height	58 mm
Flash range (tele)	0.5 - 2 m	Weight	124.8 g
Flash recharging time	4 s	Packaging Content	
Video		Bundled software	Intelli-studio software, Adobe Reader
Video recording *	✓	Other features	
Maximum video resolution *	640 x 480 pixels	Minimum hard disk space	250 MB
Video resolutions	320 x 240, 640 x 480 pixels	Minimum RAM	250 MB
Analog signal format system	NTSC, PAL	Minimum processor	Intel Pentium 4 3.0GHz / AMD Athlon FX 2.2GHz
Video formats supported	AVI, M-JPEG	Video capability	✓
Audio		Aperture range (F-F)	3.5 - 5.9
Built-in microphone *	✓	Built-in flash	✓
Voice recording	✓	Camera shutter speed	1/8-1/2000 s
		35 mm camera lens equivalent	27 - 135 mm
		Date imprinting	✓

## Catalog Object Cloud



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