

Samsung ST 66 1/2.3" 16.1 MP CCD 4608 x 3456

Brand : Samsung      Model : ST      Part Number : EC-ST66ZZFPUE2

Resolution : 66

Samsung ST 66. Image sensor: 1/2.3", Resolution: 16.1 MP, Sensor type: CCD, Image resolution: 4608 x 3456 pixels. ISO range (S): 3200. Zoom: 5x, Optical zoom: 5x, Aperture: 4.5 - 22.5 mm. HD video: HD, Video resolution: 1280 x 720 pixels. Video frame rate: 6.86 fps (2.7"). Image stabilization (PictBridge). Weight: 101 g. Dimensions: 101 x 58 x 20 mm.



Picture quality		Audio	
Image sensor size *	1/2.3"	Built-in microphone *	✓
Camera type *	Compact camera	Voice recording	✓
Megapixel (approx.) *	16.1 MP	Memory	
Sensor type *	CCD	Compatible memory cards *	MicroSD (TransFlash), microSDHC
Maximum image resolution *	4608 x 3456 pixels	Memory slots	1
Still image resolution(s) *	1024 x 768, 1920 x 1080, 1984 x 1488, 2592 x 1944, 3648 x 2736, 4608 x 2592, 4608 x 3072, 4608 x 3456	Maximum memory card size	8 GB
		Display	
		Display *	TFT
		Display diagonal *	6.86 cm (2.7")
Image stabilizer *	✓	Display resolution	320 x 240 pixels
Total megapixels	16.4 MP	Display resolution (numeric)	230000 pixels
Lens system		Ports & interfaces	
Optical zoom *	5x	PictBridge *	✓
Digital zoom *	5x	USB version *	2.0
Focal length range	4.5 - 22.5 mm	DC-in jack	✓
Minimum focal length (35mm film equiv)	25 mm	Camera	
Maximum focal length (35mm film equiv)	125 mm	White balance *	Auto, Cloudy, Custom modes, Daylight, Fluorescent, Tungsten
Minimum aperture number	2.5	Shooting modes *	Auto, Movie, Program
Maximum aperture number	6.3	Self-timer delay *	2, 10 s
Focusing		Camera file system	DCF, DPOF 1.1, Exif 2.21
Focus *	TTL	Windows operating systems supported	✓
Focus adjustment *	Auto	Design	
Auto focusing (AF) modes *	Centre weighted Auto Focus, Multi Point Auto Focus	Product colour *	Blue
Face tracking	✓	Battery	
Normal focusing range (tele)	2.5 - ∞	Battery technology *	Lithium-Ion (Li-Ion)
Normal focusing range (wide)	0.8 - ∞	Battery voltage	3.7 V
Normal focusing range	0.8 - 1.5 m	Battery capacity	700 mAh
Macro focusing range (tele)	1 - 1.5 m	Battery type	BP70A
Macro focusing range (wide)	0.05 - 0.8 m	Number of batteries supported	1
Exposure			
ISO sensitivity (min) *	80		
ISO sensitivity (max) *	3200		

Exposure		Operational conditions	
ISO sensitivity	80, 100, 200, 400, 800, 1600, 3200, Auto	Operating temperature (T-T)	0 - 40 °C
Light exposure control	Program AE	Operating relative humidity (H-H)	5 - 85%
Light exposure correction *	± 2EV (1/3EV step)	Weight & dimensions	
Light metering *	Centre-weighted, Evaluative (Multi-pattern), Spot	Width	90 mm
Shutter		Depth	16.9 mm
Fastest camera shutter speed *	1/2000 s	Height	52.6 mm
Slowest camera shutter speed *	8 s	Weight	101 g
Flash		Packaging content	
Flash modes *	Auto, Fill-in, Flash off, Red-eye reduction, Slow synchronization	AC adapter included *	✓
Flash range (wide)	0.2 - 3.5 m	Cables included	USB
Flash range (tele)	1 - 2 m	Battery charger included	✓
Flash recharging time	4 s	Batteries included	✓
Video		Other features	
Video recording *	✓	Minimum storage drive space	250 MB
Maximum video resolution *	1280 x 720 pixels	Minimum RAM	512 MB
HD type *	HD	Minimum processor	Intel Pentium III 500MHz
Video resolutions	320 x 240, 640 x 480, 1280 x 720	Video capability	✓
Motion JPEG frame rate	30 fps	Built-in flash	✓
Analog signal format system	NTSC, PAL	Power source type	Battery



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