

Samsung ST ST77 1/2.3" Compact camera 16.1 MP CCD 4608 x 3456 pixels Black

Brand : Samsung

Product family: ST

Product code: EC-ST77ZZBPBE1

Product name : ST77

Samsung ST ST77. Camera type: Compact camera, Megapixel (approx.): 16.1 MP, Image sensor size: 1/2.3", Sensor type: CCD, Maximum image resolution: 4608 x 3456 pixels. ISO sensitivity (max): 3200. Optical zoom: 5x, Digital zoom: 5x, Focal length range: 4.5 - 22.5 mm. HD type: HD, Maximum video resolution: 1280 x 720 pixels. Display diagonal: 6.86 cm (2.7"). PictBridge. Weight: 100 g. Product colour: Black



Picture quality		Video	
Image sensor size *	1/2.3"	Analog signal format system	NTSC, PAL
Camera type *	Compact camera	Video formats supported	AVI
Megapixel (approx.) *	16.1 MP	Audio	
Sensor type *	CCD	Built-in microphone *	✓
Maximum image resolution *	4608 x 3456 pixels	Voice recording	✓
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	Audio system	Mono
Image stabilizer *	✓	Memory	
Total megapixels	16.4 MP	Compatible memory cards *	MicroSD (TransFlash), MicroSDHC
Lens system		Display	
Optical zoom *	5x	Display *	TFT
Digital zoom *	5x	Touchscreen *	✗
Focal length range	4.5 - 22.5 mm	Display diagonal *	6.86 cm (2.7")
Minimum focal length (35mm film equiv)	25 mm	Display resolution (numeric)	230000 pixels
Maximum focal length (35mm film equiv)	125 mm	Second display	✗
Minimum aperture number	2.5	Ports & interfaces	
Maximum aperture number	6.3	PictBridge *	✓
Focusing		USB version *	2.0
Focus adjustment *	Auto	HDMI *	✗
Auto focusing (AF) modes *	Centre weighted Auto Focus	Camera	
Auto Focus (AF) object detection	Face	White balance *	Auto, Cloudy, Custom modes, Daylight, Fluorescent, Sunny
Normal focusing range (tele)	2.5 - ∞	Shooting modes *	Auto
Normal focusing range (wide)	0.8 - ∞	Photo effects *	Negative film, Sepia, Vivid
Normal focusing range	0.8 - ∞	3D	✗
Macro focusing range (tele)	0.05 - 0.8 m	Camera file system	DPOF 1.1, Exif 2.21
Macro focusing range (wide)	1 - 2.5 m	Windows operating systems supported	✓
Exposure		Mac operating systems supported	✓
ISO sensitivity (min) *	80	Design	
ISO sensitivity (max) *	3200	Product colour *	Black
ISO sensitivity	80, 200, 400, 800, 1600, 3200		
Light exposure modes *	Auto		

Exposure		System requirements	
Light exposure control	Program AE	Mac compatibility	✓
Light exposure correction *	± 2EV (1/3EV step)	Operational conditions	
Shutter		Operating temperature (T-T)	0 - 40 °C
Fastest camera shutter speed *	1/2000 s	Operating relative humidity (H-H)	5 - 85%
Slowest camera shutter speed *	8 s	Weight & dimensions	
Flash		Width	90 mm
Flash modes *	Auto, Fill-in, Flash off, Red-eye reduction, Slow synchronization	Depth	52.6 mm
Flash recharging time	4 s	Height	19.5 mm
Video		Weight	100 g
Video recording *	✓	Other features	
Maximum video resolution *	1280 x 720 pixels	Minimum storage drive space	250 MB
HD type *	HD	Minimum RAM	512 MB
Video resolutions	320 x 240,640 x 480,1280 x 720	Minimum processor	2.6
Motion JPEG frame rate	30 fps	Video capability	✓
		Built-in flash	✓
		Date imprinting	✓
		Power source type	Battery

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