

## Samsung ST ST93 1/2.3" Compact camera 16,1 MP CCD 4608 x 3456 pixels Silver

**Brand :** Samsung

**Product family:** ST

**Product code:** EC-ST93ZZBPSE1

**Product name :** ST93



ST93 - 16.1MP (4608x3456), 5x Zoom, 2.7" TFT LCD, CCD 1/2.3", 1280x720 30fps, Micro SD / SDHC, USB 2.0, NTSC / PAL, 95g, Silver

Samsung ST ST93. Camera type: Compact camera, Megapixel: 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: 4.7 - 23.5 mm. HD type: HD, Maximum video resolution: 1280 x 720 pixels. Display diagonal: 6,86 cm (2.7"). Internal memory: 12 MB. Weight: 95 g. Product colour: Silver

Picture quality		Video	
Image sensor size *	1/2.3"	HD type *	HD
Camera type *	Compact camera	Video resolutions	320 x 240,640 x 480,1280 x 720
Megapixel *	16,1 MP	Motion JPEG frame rate	30 fps
Sensor type *	CCD	Analog signal format system	NTSC, PAL
Maximum image resolution *	4608 x 3456 pixels	Video formats supported	AVI, H.264, MP4
Still image resolution(s) *	1024 x 768,1920 x 1080,1984 x 1488,2592 x 1944	Audio	
Image stabilizer *	✓	Built-in microphone *	✓
Total megapixels	16,4 MP	Voice recording	✓
Image sensor size (W x H)	7,76 x 7,76 mm	Memory	
Lens system		Internal memory	12 MB
Optical zoom *	5x	Compatible memory cards *	microSDHC
Digital zoom *	5x	Memory slots	1
Focal length range	4.7 - 23.5 mm	Maximum memory card size	8 GB
Minimum focal length (35mm film equiv)	26 mm	Display	
Maximum focal length (35mm film equiv)	130 mm	Display *	LCD
Minimum aperture number	3,3	Display diagonal *	6,86 cm (2.7")
Maximum aperture number	5,9	Display resolution (numeric)	230000 pixels
Focusing		Ports & interfaces	
Focus *	TTL	PictBridge *	✗
Focus adjustment *	Auto	USB version *	2.0
Auto focusing (AF) modes *	Centre weighted Auto Focus, Multi Point Auto Focus	Camera	
Auto Focus (AF) object detection	Face	White balance *	Auto, Cloudy, Custom modes, Daylight, Fluorescent, Tungsten
Face tracking	✓	Scene modes *	Backlight, Beach, Dawn, Documents, Fireworks, Night, Night portrait, Panorama, Portrait, Snow, Sports, Sunset, Landscape
Normal focusing range (tele)	1.5 - ∞	Shooting modes *	Auto, Program, Scene
Normal focusing range (wide)	0.8 - ∞	Photo effects *	Art, Negative film
Normal focusing range	0.8 - ∞	Self-timer delay *	2,10 s
Macro focusing range (tele)	1 - 1.5 m		
Macro focusing range (wide)	0.05 - 0.8 m		

Exposure		Camera	
ISO sensitivity (min) *	80	3D	✗
ISO sensitivity (max) *	3200	Image editing	Resizing, Rotating, Trimming
ISO sensitivity	80, 100, 200, 400, 800, 1600, 3200, Auto	Multi-shot	✓
Shutter		Design	
Light exposure modes *	Auto	Product colour *	Silver
Light exposure control	Program AE	Battery	
Light exposure correction *	± 2EV (1/3EV step)	Battery technology *	Lithium
Light metering *	Centre-weighted, Spot	Battery voltage	3,7 V
Flash		Battery capacity	740 mAh
Fastest camera shutter speed *	1/2000 s	Battery type	BP-70A
Slowest camera shutter speed *	8 s	System requirements	
Camera shutter type	Electronic	Mac compatibility	✓
Flash		Operational conditions	
Flash modes *	Auto, Flash off, Flash on, Red-eye reduction, Slow synchronization	Operating temperature (T-T)	0 - 40 °C
Flash range (wide)	0,2 - 3,5 m	Operating relative humidity (H-H)	5 - 85%
Flash range (tele)	1 - 2 m	Weight & dimensions	
Flash recharging time	4 s	Width	89,6 mm
External flash connector	✗	Depth	17,5 mm
Video		Height	54,8 mm
Video recording *	✓	Weight	95 g
Maximum video resolution *	1280 x 720 pixels	Packaging content	
		Battery charger included	✓
		Batteries included	✓
		Other features	
		Video capability	✓
		Built-in flash	✓
		Power source type	AC, Battery

## Catalog Object Cloud



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