

Samsung ST68 Specification

Image Sensor

- 1/2.3" (Approx. 7.76mm) CCD Image sensor
- Approx. 16.1 Mega pixels
- Approx. 16.4 Mega pixels

Display

- TFT LCD Type
- 2.7"(6.9cm) Size
- 2.7"(6.9cm), QVGA (230K Dots) display

Exposure

- Program AE
- Multi, Spot, Centre Weighted, Face Detection AE
- ± 2 EV (1/3EV steps)
- Auto, 80, 100, 200, 400, 800, 1,600, 3,200

Still Image

- Mode : Smart Auto, Program, Scene, OIS, Picture-in-Picture, Live Panorama
Smart Auto : Portrait, Night Portrait, Backlight Portrait, Night, Backlight, Landscape, White, NaturalGreen, BlueSky, Sunset, Macro, Macro Text, Macro Colour, Tripod, Action, Fireworks
Scene : Funny Face, Intelligent Portrait, Magic Frame, Beauty-Shot, Night, Landscape, Text, Sunset, Dawn, Backlight, Beach&Snow

Movie Clip

- 5X Optical Zoom enable (Max Recording time: 20 minutes)
Mode : Smart Movie, Movie
Smart Movie : Landscape, Blue Sky, Natural Green, Sunset
Size : 1280 x 720HQ (30fps, 15fps) - Per one file : Max. 4GB
640 x 480 (30fps, 15fps)
320 x 240 (30fpps 15fps)
Due to the noise while optical zooming, user can select to record sound or not.
(Voice recording selectable : Sound Alive On / Sound Alive Off / Mute)
- Smart Filter 2.0
: Palette Effect 1, Palette Effect 2, Palette Effect 3, Palette Effect 4, Miniature, Vignetting, Fish Eye, Defog, Classic, Retro, Negative

- Pause during Recording and Playing, Still Image Capture

Power

- Rechargeable battery : BP70A (740mAh, Min.700mAh)
- Charger : AC Adapter, Micro USB Cable
- Connector Type : Micro USB

Included items may vary depending on sales region.

System Requirements in General

- Power Mac G3 or later, Mac OS 10.4 or later, 256MB (Min) RAM (512MB or more Recommended), 110MB (Min) of available Hard-Disk Space, USB Port, CD-ROM Drive
- PC with Processor Better than Intel Pentium III 500MHz (Intel Pentium 800MHz or Higher Recommended)
Windows XP / Vista / 7, 256MB (Min) RAM (512MB or more Recommended), 250MB of available Hard Disk Space (1GB or more Recommended), USB Port, CD-ROM Drive, 1024 x 768p / 16bit Colour Display Compatible Monitor

Lens

- Samsung 5X Zoom Lens f = 4.5 - 22.5mm (35mm film equivalent : 25 - 125mm)
- F2.5(W) - F6.3(T)
- 5X optical zoom ratio
- Still Image mode : 1.0X - 5.0X (Optical x Digital : 25.0X)
- Play mode : 1.0X - 14.4X (depends on image size)

Focusing

- TTL auto focus (Multi AF, Centre AF, Face Detection AF, Object Tracking AF, Smart Face Recognition AF)
- Normal : 80cm - infinity (Wide), 150cm - infinity (Tele)
- Macro : 5cm - 80cm (Wide), 100cm - 150cm (Tele)
- Auto Macro : 5cm - Infinity (Wide), 100cm - Infinity (Tele)

Flash

- Auto, Auto & Red-eye reduction, Fill-in flash, Slow sync, Flash Off, Red-eye fix
- Wide : 0.2m - 3.5m
- Tele : 1.0m - 2.0m (ISO AUTO)
- Approx. 4 seconds

Image Play

- Single image, Thumbnails, Advanced Slide show, Movie Clip, Smart Album
Slide show : Slide show with Effect & Music
Smart Album Category: Type, Date, Colour, Week, Face

Storage

- External memory: Micro SD Card (up to 2GB guaranteed) / Micro SDHC (up to 8GB guaranteed)
- DCF, EXIF 2.21, DPOF 1.1, PictBridge 1.0
 - Still Image : JPEG
 - Movie Clip : AVI (MJPEG)
 - Audio file : WAV
- 16M : 4608 x 3456, 14M P : 4608 x 3072, 12M W : 4608 x 2592, 10M : 3648 x 2736, 5M : 2592 x 1944, 3M : 1984 x 1488, 2M W : 1920 x 1080, 1M : 1024 x 768

Physical Specifications

- 90.05 x 52.60 x 16.90 (19.50) mm
- 101g (without Battery)
- 0 - 40°C Operating Temperature
- 5 - 85% Operating Humidity

Image Stabilization

- DIS (Digital Image Stabilisation)

Shutter Speed

- Smart Auto : 1/8 - 1/2,000 seconds
- Program : 1 - 1/2,000 seconds
- Night : 8 - 1/2,000 seconds

White Balance

- Auto, Daylight, Cloudy, Fluorescent_H, Fluorescent_L, Tungsten, Custom

Date Imprinting

- Off, Date, Date & Time (use selectable)

Interface

- USB 2.0

- • Microphone : Mono
- Internal Speaker : Mono
- AV : NTSC, PAL (user selectable)
- 5.0V

S/W and PC OS

- intelli- studio
- Windows XP SP2 / Vista / 7