



Philips  
Digital Still Camera

DSC90SL



## Excellent picture quality made easy

14 megapixel and 4X optical zoom

The ESee digital still camera lets you take high quality panoramic pictures with photo stitching, or get up close with a 4 times optical zoom. Make clear, sharp videos and take perfect photos every time with auto mode.

### Take pictures and HD movies in great quality

- 14 megapixel resolution for high quality panoramic photos
- 4X optical zoom for great close-ups
- Relive memories in great detail with 720p HD videos
- 6.85cm (2.7") color LCD screen to enjoy good picture & video

### Easy to make the best pictures

- Capture the perfect shot with auto mode
- Photo stitching to create great panoramic pictures
- 3s pre-recording captures moments that catch you by surprise
- Never miss a moment of action with instant start-up time
- Face, smile & blink detection, red eye removal & voice memo

### Bring it with you anywhere

- Small and slim design to fit easily into your pocket
- Never run out of power with two AA-size batteries included

# PHILIPS

# Specifications

## Image Sensor

- Type: 1/2.3-inch, 14MP CCD sensor
- Camera effective pixels: Approx. 14.22M
- Aspect ratio: 4:3

## Lens

- Lens: Auto focus (0.1 to infinity)
- Focal length: 4.8mm (W) - 19.2mm (T) (27 - 108 mm)
- Aperture: F2.9 – F6.5
- Optical zoom: 4x
- Digital zoom: Standard zoom, Intelligent zoom, Off
- Construction: 6 elements in 5 groups
- Image stabilisation: On, Off

## Focusing

- Type: TTL AF by contrast calculation
- AF point selection: Wide, Center, Tracking AF
- AF lag: <0.5s (wide), <0.7s (tele)

## Exposure control

- Metering modes: Multi-zone, Centre-weighted average, Spot (centre)
- Exposure compensation: +/- 2 EV in 1/3 stop increments. i-Contrast for auto dynamic range corr.
- ISO sensitivity: 100, 200, 400, 800, 1600, 3200 (3M, VGA)

## Shutter

- Type: White balance
- Speed: 1 - 1/2,000 sec (auto), 15 - 1/2,000 sec (manual), 15 - 1/2,000 sec (night)

## White Balance

- Type: TTL
- Settings: Auto, Cloudy, Daylight, Fluorescent, Fluorescent H, Tungsten, Custom

## Display

- Type: LCD screen
- Diagonal screen size: 2.7 inch (6.8cm)
- Resolution: 960 x 240 pixels, 230k
- Brightness: Normal, Auto, Bright

## Flash

- Modes: Forced Flash On/ Off
- Red-eye reduction

## Images Shooting

- Scene: Auto, Program, Intelligent scene\*, Portrait, Landscape, Sunset, Backlight, Kids, Night scene, LOMO, Fireworks, Sports, Party, Night Portrait, Soft skin, Soft flowing, Water, Food, Building, Text, Auction, Smile capture, Blink detection, Pre-composition, Love portrait, Self portrait, D-lighting, Fisheye lens, Photo stitch, Voice recording
- \*Intelligent scene: Landscape, Sunset, Marco, Text, Snow, Backlight, Backlight portrait, Night scene, Night portrait, Foliage
- Color modes: Vivid, Sepia, Color accent (Red), Color accent (Green), Color accent (Blue), B&W, Vivid red, Vivid green, Vivid blue

- Drive modes: Off, 10 sec., 2 sec., Double, Burst, Speedy burst\*\*
- Sharpness: High, Normal, Low
- Saturation: N/A
- Image resolution (4:3, 14M): 4320 x 3240
- Image resolution (4:3, 8M): 3264 x 2448
- Image resolution (4:3, 5M): 2592 x 1944
- Image resolution (4:3, 3M): 2048 x 1536
- Image resolution (4:3, VGA): 640 x 480
- Image resolution (3:2, 14M): 4320 x 2880
- Image resolution (16:9, 14M): 4320 x 2430
- Compression: Super fine: 3x, Fine: 7x, Normal: 12x
- Type: Exif2.2 [Exit Print] compliant, JPEG compression

## Video Shooting

- Color modes: Off, LOMO 1, LOMO 2, LOMO 3, LOMO 4, Vivid, Sepia, Color accent (Red), Color accent (Green), Color accent (Blue), B&W, Vivid red, Vivid green, Vivid blue
- Video resolution, 16:9: 1280 x 720
- Video resolution, 640: 640 x 480
- Video resolution, 320: 320 x 240, 640 x 480 (for internet)
- Video frame rate: 30fps
- Optical zoom: Up to 4x during capturing
- Movie length (mins): Up to 30 mins
- Pre-recording: 3s
- Type: AVI [Motion JPEG compression]

## Voice recording

- Voice recording: up to memory full
- Voice memo: in still image (max. 30s)
- Type: WAV

## Other features

- Red-Eye correction: Yes, during shooting and playback
- Histogram
- Image editing: Rotate, Trimming, Resize, Color mode, Effect (Off, Negative, Mosaic, Astral, Miniature), Radial Blur
- Menu languages: French, Spanish, German, Italian, Russian, Portuguese, Brazil Portuguese, Dutch, Turkish, Polish, Czech, Bulgarian, Romanian, Coratian, Slovak, Slovenian, Greek, Swedish, Norwegian, Finnish, Danish, Arabic, Indonesia, Malay, Thai, Japanese, Korean, Simplified Chinese, Traditional Chinese
- Playback zoom: Approx. 1x – 12x\*\*\*

## Input and Output

- TV Out: NTSC/ PAL
- USB: Full speed USB2.0
- Audio-out: via USB
- Speaker: Built-in Speaker
- Microphone: Built-in microphone
- Others: 1/4" tripod hole, Wrist strap hole

## Capacity

- Internal memory: 64 MB Nandgate
- External card support: SD (up to 4GB), SDHC (up to 32GB), SDXC

## Minimum Requirements

- Windows: Windows 7, Windows Vista
- MAC: MACINTOSH OS 10.3 - 10.6.6

## Power

- Battery type: AA
- Battery type: Alkaline/ NiMH/ Lithium
- Power-on time: <2s
- Power saving: 1min, 3mins, Off
- LCD save: On/ Off
- Battery life: Approx. 150 shots

## Accessories

- Wrist strap
- USB cable
- Battery: 2 x AA Alkaline battery
- Quick start guide
- Software CD
- Pouch

## Dimensions

- Product dimensions (WxDxH): 94.8 x 63.5 x 30.2 mm
- Product weight (g): 117g (w/o batteries)

## Physical Specifications

- Operating environment: 0 – 40 °C, 0 – 90% humidity



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