

DMC-LS80
Digital Still Camera

Mega O.I.S. & Intelligent ISO Control with Auto-Macro Focus

1/2.5" 8.1 megapixels CCD and 3x Optical Zoom

2.5" (230k dots) Intelligent LCD with Auto-Brightness

High picture quality and high sensitivity by Venus Engine III

Up to ISO1600 at Full resolution

Motion Pictures can be Recorded with Audio



The entry level, Easy-to use compact AA battery model equipped with Intelligent Image Stabilizer

Image Sensor

Camera Effective Pixels	8.1 Mega pixels
Sensor Size	1/2.5 inch
Total Pixel	8.32 Mega Pixels
Primary Color Filter	yes

Optic

Zoom Factor

Optical Zoom	3x
Extra Optical Zoom	4:3 Aspect Ratio: 3.8x for 5Mega, 4.8x for 3Mega, 2Mega, 0.3Mega 3:2 Aspect Ratio: 3.8x for 4.5Mega, 4.8x for 2.5Mega 16:9 Aspect Ratio: 3.8x for 3.5Mega, 4.8x for 2Mega
Digital Zoom	4x (Max. 12.0 x combined with Optical Zoom without Extra Optical Zoom) (Max. 19.1x combined with Extra Optical Zoom)
Focal Distance	f=5.5-16.5mm (35mm Equiv.: 33-100mm)
Lens	LUMIX DC VARIO 6 elements in 5 groups (3 Aspherical Lenses / 4 Aspherical surfaces)
Aperture	Wide: F2.8 / F8 (2 steps) Tele: F5.1 / F14 (2 steps)
Optical Image Stabilizer	MEGA O.I.S. (Mode1/ Mode2)
Focusing Area	Normal: 50cm - infinity Macro / Intelligent : Wide 5cm / Tele 30cm - infinity

AF Metering 1-point/ 1-point high speed/ 5-point

FourThirds System n/a

Focus/Exposure

Focus Mode Normal / Macro
Quick AF On/Off

AF Assist Lamp Yes

ISO Sensitivity Auto /100 / 200 / 400 / 800 / 1600 (High Sensitivity Mode : Auto(1600 - 6400))

White Balance Auto
Daylight
Cloudy
Shade
Halogen
White Set

Exposure Program AE

Exposure Compensation 1/3 EV step, +/-2 EV

Backlight Compensation Yes (at Intelligent mode)

Auto (AE) Bracketing +/- 1/3 EV ~1EV step, 3 frames

Light Metering Intelligent Multiple

Rec Mode[Mode Dial] Intelligent
Normal Picture
Motion Picture
Scene

Scene Mode Portrait
Soft Skin
Self-Portrait
Scenery
Sports
Night Portrait
Night Scenery
Food
Party
Candle Light
Baby1
Baby2
Pet
Sunset
High sensitivity
Hi-Speed Burst
Starry Sky
Fireworks
Beach
Snow
Aerial photo

Shutter Speed 8-1/2000 sec Starry Sky Mode : 15, 30, 60sec.

Flash System

Built-in-Flash Auto



Auto/Red-eye Reduction
Forced On
Forced Off
(Slow Sync./Red-eye Reduction only in Night Portrait/Party/Candle Light mode only)

Flash Distance	0.3 - 5.9m (Wide/ISO Auto), 0.3 - 3.2m (Tele/ISO Auto)
External Flash	n/a

Feature

Self Timer	2sec / 10sec
Auto Review	1sec, 2sec, Zoom, Hold
Color Mode	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm

Recording Format	Still Image: JPEG(Design rule for Camera File system, based on Exif 2.21 standard) DPOF corresponding Motion picture: QuickTime Motion JPEG
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Recording Image Size	Still Image: 4:3 Aspect Ratio: 3264 x 2448 pixels, 2560 x 1920pixels, 2048 x 1536 pixels, 1600 x 1200 pixels, 640 x 480 pixels 3:2 Aspect Ratio: 3264 x 2176 pixels, 2560 x 1712 pixels, 2048 x 1360 pixels 16:9 Aspect Ratio: 3264 x 1840 pixels, 2560 x 1440 pixels, 1920 x 1080 pixels
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Image Quality	Fine Standard
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Motion Picture	4:3 Aspect Ratio: 640 x 480 pixels, 320 x 240 pixels 30 fps, 10 fps 16:9 Aspect Ratio: 848 x 480 pixels 30 fps, 10 fps
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Burst Shooting Mode	Full-Resolution Image 2.5 frames/sec Max. 7 images (Standard mode) Max 4 images (Fine Mode) High-speed Burst Mode: approx. 5.5 frames/sec (recorded in 2M for 4:3, 2.5M for 3:2, 2M for 16:9)
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Unlimited consecutive shooting	yes
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Digital Red Eye Correction	n/a
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Intelligent Exposure	n/a
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Easy Zoom	yes
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Zoom Resume	n/a
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Motion Zoom	n/a
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Real-time histogram	n/a
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Composition Guide line	yes
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Built-in-Memory	yes
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Built-in-Memory [Capacity]	approx. 24MB
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Scene Mode Help Screen	yes
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Auto Angle Detection	yes
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Flip Animation	n/a
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Travel Date	yes
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World Time	yes
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Title Edit	yes
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Date Stamp	n/a
Text Stamp	yes
Economy mode	n/a
LCD Monitor	2.5" TFT LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode Power LCD mode High angle mode
Supersonic Wave Filter for Dust Reduction	n/a
Playback mode	[REC]/[Play] Selector switch 30-thumbnail display 12-thumbnail display calendar display zoomed playback (16x max.) playback of favorite pictures image rotation Resizing (selectable number of pixels) trimming protection aspect conv. DPOF print setting
Category Playback	Yes (in slideshow mode and normal playback)
Slideshow Mode	Yes (duration & effect adjustable)
Recording Media	Built-in Memory SD Memory Card SDHC Memory Card MultiMediaCard(Still image only)
Microphone	yes
Speaker	n/a
Interface	DC Input, AV Output (NTSC/PAL), USB2.0 Full Speed
Direct Print	PictBridge

General Data

Power

Battery	2 x AA Batteries
Battery life (approx.)	180 images with Alkaline Batteries (included) 270 images with Oxyride Batteries (optional) 470 images with Oxyride Batteries (optional)

Dimensions [mm]

Width	95.7
Height	62.0
Depth	31.2

Weight [g]

Body	129.0
	177.0

Including Battery and SD Memory Card

Included Software	PHOTOfunSTUDIO -viewer- ArcSoft (MediaImpression / Panorama Maker) USB Driver
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Standard Accessories	AV Cable USB Connection Cable Strap CD-ROM 2x Alkaline AA Batteries
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