

2009 LUMIX® LS85 Digital Camera



Intelligent Auto Mode

Completely automatic to help prevent shooting errors.



Venus Engine IV

Up to ISO1600 at full resolution.

- Video recording with audio
- 50MB built-in memory
- 4.0x optical zoom
- 1/2.5" 8.1 megapixels CCD

**2.5" (230k dots) Intelligent LCD
with auto-brightness**



LUMIX®
DIGITAL CAMERAS

Panasonic
ideas for life

2009 LUMIX® LS85 Digital Camera Specifications

		DMC-LS85		
MEMBS	Dimensions (W x H x D)	96.7 x 62.0 x 29.8 mm (3.89 x 2.48 x 1.19 in)		
	Weight	Approx. 128g (0.28 lb), Approx. 176g with Battery and SD Memory Card (0.38 lb)		
OPTICS	Pixels	Camera Effective Pixels	8.1 Megapixels	
	CCD	Sensor Size / Total Pixels / Filter	1/2.5-inch / 8.32 Total Megapixels / Primary Color Filter	
	Lens	Aperture	F2.8 - 5.9 / 2-Step (F2.8 - 8 (W) / F5.9 - 16 (T))	
		Optical Zoom	4x	
		Focal Length	f=5.5-22.0mm (33-132mm in 35mm equiv.)	
		Extra Optical Zoom (EZ)	5.1x (4:3 / 5M), 6.4x (under 3M) LUMIX DC VARIO	
Focus	Lens	6 elements in 5 groups (3 Aspherical Lenses / 4 Aspherical surfaces)		
	2-Speed Zoom Optical Image Stabilizer Conversion lens Compatibility	MEGA O.I.S. (Auto / Mode1 / Mode2)		
Shutter	Digital Zoom	4x (Max. 16.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.25.6x combined with Extra Optical Zoom)		
	Focusing Area	Normal: Wide 50cm/ Tele 50cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 50cm - infinity		
	Focus Range Display AF Assist Lamp Focus	Yes Yes Normal / Macro, Quick AF (Always On)		
Finder	AF Metering	Face / Multi (9pt) / 1pt		
	Shutter Speed	8-1/2000 sec Starry Sky Mode : 15, 30, 60sec.		
RECORDING	IA	Optical Image Stabilizer	Still & Movie	
		Intelligent ISO Control	Still	
		Face Detection	Still	
		Intelligent Scene Selector	Still (Portrait, Scenery, Night Portrait, Night Scenery, Macro)	
		Intelligent Exposure	—	
		AF Tracking	—	
	File	Digital Red Eye Correction	—	
		iA Direct Button	Still	
	Interface	File Format	Still Image: JPEG (DCF / Exif2.21) Motion picture: QuickTime Motion JPEG [Recording] / [Playback]	
		Mode Switch Mode Button Scene Mode	Intelligent AUTO, Normal Picture, SCN, Motion Picture 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	
	Recording Modes	Continuous Shooting Mode	Full-Resolution Image, 3.0 frames/sec Max. 7 images (Standard mode), Max 4 images (Fine Mode)	
		Unlimited Consecutive Shooting	High-speed Burst Mode: approx. 4.6 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9) 2.0 frames/sec	
Exposure Parameters	Motion Picture Recording	4:3	VGA: 640 x 480 pixels, 30fps (Motion JPEG) OVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG)	
	Exposure Compensation Backlight Compensation Auto (AE) Bracketing Light Metering ISO Sensitivity Aspect Ratio	16:9	Program AE 1/3 EV step, +/-2 EV Yes (only in Intelligent AUTO mode)	
		4:3 3:2 16:9	Center Weighted Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400) 4:3 / 3:2 / 16:9	
Image Parameters	Still Picture Recording	4:3 3:2 16:9	3264 x 2448 (8M) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ), 3264 x 2176 (7M) / 2048 x 1360 (2.5M EZ), 3264 x 1840 (6M) / 1920 x 1080 (2M EZ) 3648 x 2432 (9M) / 3072 x 2048 (6M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 3648 x 2056 (7.5M) / 3072 x 1728 (5.5M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	
	Image Quality White Balance	Fine / Standard Auto / Daylight / Cloudy / Shade / Halogen / White Set (Selectable at Portrait, Soft Skin, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst mode) Yes		
Others	Quick Menu Color Mode	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm		
	Still Image with Audio Recording Composition Guide Line Auto Review Review	Yes (1 pattern) 1sec, 2sec, Zoom, Hold		
	Easy Zoom / Zoom Resume Optical Zoom in Motion Picture Zoom Macro	No / No — No		
	Orientation Detector Scene Mode Help Screen Self Timer Focus Icon Select	Yes Yes 2sec / 10sec Yes		
	PLAYBACK	Playback Mode	Normal Playback, Slideshow, Favorites Playback	
		Thumbnails / Zoomed Playback Calendar Display / Dual-Image Playback Set Favorites / Rotate Image Playback Still Images with Audio Playback Motion Picture Slideshow Mode Show Histogram Show Highlights Delete Image	12,30-thumbnails / Max 16x Yes / No Yes / Yes — Yes (Motion JPEG) All / Favorites BGM Effect (Natural / Slow / Swing / Urban / OFF) Set duration (effects off only) — — Single / Multi / All / All except Favorites	
Delete	DPOF Print Setting / Set Protection Resize / Trim / Aspect Conv. / Levelling Copy / Title Stamp / Text Stamp	Yes / Yes Yes / No / No / No Yes / Yes / Yes		
	Cut Animation PictBridge Support	— Single / Multi / All / Favorites / DPOF		
SETUP	OSD language	English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Russian, Chinese (Simplified), Chinese (Traditional), Netherlandic, Thai, Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish		
	Travel Date / World Time	Yes / Yes		
OTHERS	Monitor	LCD Monitor	2.5" TFT Screen LCD Display (230K dots) Field of View : approx. 100%	
	Flash	Built-in-Flash	AUTO Power LCD mode, Power LCD mode, High-Angle LCD Auto, Auto/Red-eye Reduction, Forced On, Forced Off 0.3 - 5.9m (Wide/ISO Auto), 0.5 - 2.8m (Tele/ISO Auto)	
	Media	External Flash Recording Media LED Illumination	— Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (Still image only) Approx. 50MB	
	Audio	Built-in-Memory Microphone / Speaker	Mono / Yes AV Output (NTSC/PAL) / USB2.0 Full speed	
	Interface	Interface	Alkaline AA Battery x2 (Included) AC Adaptor (Input: 110-240V AC) (Optional) 260 pictures (Alkaline Batteries, CIPA Standard) 300 pictures (Evolta Batteries, CIPA Standard) 550 pictures (NiMH Batteries, CIPA Standard) PHOTOFunSTUDIO v3.0	
		Power	ArcSoft (MediaImpression / Panorama Maker) USB Driver	
	Standard Package	Included Software Standard Accessories	Battery Pack, AV Cable, USB Connection Cable Strap, CD-ROM Battery Charger, Battery Pack, Battery Carrying Case, AV Cable, USB Connection Cable, AC Cable, Strap, CD-ROM	