

2009 LUMIX® DMC-FX580 Digital Camera



Intelligent Auto Mode

Completely automatic to help prevent shooting errors.

- Venus Engine V
- 40MB built-in memory
- 5.0x Optical zoom
- 1/2.33" 12.7 megapixels CCD

Touch Screen Manual Operation

3.0" (230k dots) Intelligent LCD with auto brightness.

LEICA
DC LENS

LEICA DC VARIO-ELMAR Lens

25mm wide angle.



LUMIX®
DIGITAL CAMERAS

Panasonic
ideas for life

2009 LUMIX[®] DMC-FX580 Digital Camera Specifications

		DMC-FX580	
METRICS	Dimensions (W x H x D)	94.9 x 57.1 x 21.9 mm (3.74 x 2.25 x 0.86 in)	
	Weight	Approx. 145g (0.32 lb), Approx. 167g with Battery and SD Memory Card (0.37 lb)	
OPTICS	Pixels	Camera Effective Pixels	12.1 Megapixels
	CCD	Sensor Size / Total Pixels / Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter
		Aperture	F2.8 - 5.9 / Iris Diaphragm (F2.8 - 8 (W) / F5.9 - 8 (T))
	Lens	Optical Zoom	5x
		Focal Length	f=4.4-22.0mm (25-125mm in 35mm equiv.)
		Extra Optical Zoom (EZ)	6.1x (4.3 / 8M), 7.8x (4.3 / 5M), 9.8x ()
		Lens	LEICA DC VARIO-ELMARIT, 7 elements in 6 groups, (4 Aspherical Lenses / 6 Aspherical surfaces, 1 EA lens)
	Focus	2-Speed Zoom	MEGA O.I.S. (Auto / Mode1 / Mode2)
		Optical Image Stabilizer	—
		Conversion lens Compatibility	—
Digital Zoom		4x, (Max. 20.0 x combined with Optical Zoom without Extra Optical Zoom, (Max.39.2x combined with Extra Optical Zoom)	
Shutter	Focusing Area	Normal: Wide 50cm/ Tele 100cm - infinity, Macro / Intelligent AUTO : Wide 5cm / Tele 100cm - infinity	
	Focus Range Display	Yes	
	AF Assist Lamp	Yes	
Finder	Focus	Normal / Macro, Touch AF/AE Tracking (On / Off), Quick AF (Always On)	
	AF Metering	Face / Touch AF/AE Tracking / Multi (11pt) / 1pt HS / 1pt / Spot	
	Shutter Speed	60-1/2000 sec (Selectable minimum shutter speed) Starry Sky Mode : 15, 30, 60sec.	
	Viewfinder	—	
RECORDING	IA	Face Recognition	Still
		Optical Image Stabilizer	Still & Movie
		Intelligent ISO Control	Still
		Face Detection	Still
		Intelligent Scene Selector	Still (Portrait, Scenery, Night Portrait, Night Scenery, Macro)
	File	Intelligent Exposure	Still (Low / Medium / Strong / OFF)
		AF Tracking	Still
		Digital Red Eye Correction	Still
	Interface	IA Direct Button	—
		File Format	Still Image: JPEG (DCF / Exif2.21), Image with Audio: JPEG (DCF / Exif2.21) + QuickTime, Motion picture: QuickTime Motion JPEG
	Recording Modes	AVCHD Lite REC	—
		Mode Switch	[Recording] / [Playback]
		One-Touch Movie Button	—
		Mode Dial	Intelligent AUTO, MySCN, SCN, Motion Picture, P(Program) mode, A(AperturePriority) mode, S(Shutter Priority) mode, M(Manual) mode
		Mode Button	—
Scene Mode		Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst (Image Priority / Speed Priority), Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial photo, Pinhole, Film Grain	
Continuous Shooting Mode		Full-Resolution Image, 2.3 frames/sec. Max. 5 images (Standard mode), Max 3 images (Fine Mode), High-speed Burst Mode: approx. 6.0 frames/sec (image priority), approx. 10 frames/sec (speed priority), (recorded in 3M for 4-3, 2.5M for 3-2, 2M for 16:9)	
Unlimited Consecutive Shooting		1.8 frames/sec	
Motion Picture Recording		4:3 16:9 HD Movie	
Exposure Parameters		VGA: 640 x 480 pixels, 30fps (Motion JPEG), QVGA: 320 x 240 pixels, 30 fps (Motion JPEG)	
	WGA: 848 x 480 pixels, 30 fps (Motion JPEG)		
	1280x720, 30fps (Motion JPEG)		
	Program AE, Aperture Priority AE, Shutter Priority AE, Manual		
	1/3 EV step, +/-2 EV		
Image Parameters	Exposure Compensation	Yes (only in Intelligent AUTO mode)	
	Backlight Compensation	+/- 1/3 EV - 1EV step, 3 frames	
	Auto (AE) Bracketing	Standard / Black & White / Sepia (3 images)	
	Color Bracketing	—	
	Multi-Aspect	Intelligent Multiple / Center Weighted / Spot	
	Light Metering	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	
	ISO Sensitivity	Yes	
	Max Auto ISO Setting	4:3 / 3:2 / 16:9	
	Multi-Exposure	4000 x 3000(2M) / 3264 x 2448 (6M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ)	
	Aspect Ratio	4000 x 2672(10.5M) / 3264 x 2176 (7M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ)	
Others	Still Picture Recording	4000 x 2248(8M) / 3264 x 1840 (6M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	
	Image Quality	Fine / Standard	
	White Balance	Auto / Daylight / Cloudy / Shade / Halogen / White Set, White Balance Adjustment (2-axis adjustable, +/-9steps each, Blue/Amber and Magenta/Green bias), (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole mode)	
	Quick Menu	Yes	
	Color Effect	Black & White, Sepia, Cool, Warm	
	Picture Adjustment	Contrast +/-2steps Sharpness +/-2steps Saturation +/-2steps Noise Reduction +/-2steps	
	Color Mode	—	
	Still Image with Audio Recording	5 sec	
	Audio Dubbing	Max. 10sec	
	Flip Animation	—	
PLAYBACK	Real-time Histogram	Yes	
	Composition Guide Line	Yes (2 patterns, moveable)	
	Auto Review	1sec, 2sec, Zoom, Hold	
	Review	Yes	
	Easy Zoom / Zoom Resume	Yes / No	
	Optical Zoom in Motion Picture	—	
	Zoom Macro	Yes	
	Orientation Detector	Yes	
	Scene Mode Help Screen	Yes	
	Self Timer	2sec / 10sec	
Display	Focus Icon Select	Yes	
	Playback Mode	Normal Playback, Easy Organization, Thumbnails, Calendar Display, Slideshow, Category Playback, Favorites Playback, Dual-Image Playback	
	Easy Organization	Set Favorites / Delete / Title Edit / Trimming / Resize	
	Touch Zoom	Yes	
	Thumbnails / Zoomed Playback	12,30-thumbnails / Max 16x	
	Calendar Display / Dual-Image Playback	Yes / Yes	
	Set Favorites / Rotate Image	Yes / Yes	
	Playback Still Images with Audio	Yes	
	Playback Motion Picture	Yes (Motion JPEG)	
	Slideshow Mode	All / Still Images Only / Motion Picture Only / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF) Set duration (effects off only)	
Delete	Show Histogram	Yes	
	Show Highlights	Yes	
	Delete Image	Single / Multi / All / All except Favorites	
	DPOF Print Setting / Set Protection	Yes / Yes	
	Resize / Trim / Aspect Conv. / Leveling	Yes / Yes / No / Yes	
Edit	Copy / Title Stamp / Text Stamp	Yes / Yes / Yes	
	Cut Animation	—	
	PictBridge Support	Single / Multi / All / Favorites / DPOF	
	OSD language	English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Russian, Chinese (Traditional), Chinese (Simplified), Netherlandic, Thai, Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	
	Viera Link™	—	
SETUP	HDMI Output	—	
	Movie REC Guide	—	
	Wind-Cut in Motion Picture	—	
	Travel Date / World Time	Yes / Yes	
	OTHERS	Monitor	LCD Monitor
		Tough	Water Proof Dust Proof Shock Proof
		Flash	Built-in-Flash External Flash
		Media	Recording Media LED Illumination
		Audio	Built-in-Memory
		Interface	Microphone / Speaker
Power		Interface	
Standard Package		Power Battery Life (approx.)	
		Included Software Standard Accessories	
		3.0" TFT Touch Screen LCD Display (230k dots), Field of View : approx. 100%, Wide Viewing Angle, AUTO Power LCD mode, Power LCD mode	
	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off, 0.6 - 6.0m (Wide/ISO Auto), 1.0 - 2.8m (Tele/ISO Auto)		
	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (Still image only)		
	Approx. 50MB		
	HD Component Output, AV Output (NTSC/PAL) / USB2.0 High speed, DC Input (requires optional DC Coupler)		
	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included), AC Adaptor (input: 110-240V AC) (Optional)		
	330 pictures (DPA Standard)		
	PHOTOofSTUDIO v3.0, ArcSoft (MediaImpression / Panorama Maker), USB Driver, QuickTime		
	Battery Charger, Battery Pack, Battery Carrying Case, AV Cable, USB Connection Cable, AC Cable, Strap, CD-ROM, Touch Pen		