

# 2011 LUMIX® DMC-FH27 Digital Camera



## **8X OPTICAL ZOOM LEICA DC LENS WITH 28MM WIDE ANGLE**

Precision quality optics—extremely bright with a powerful, versatile range.

## **3.0" TOUCH SCREEN**

It's so easy. Set, shoot and playback with the touch of a finger.

## **MEGA O.I.S.**

Minimizes the effects of hand shake for virtually blur-free images.

- 
- 16.1 Megapixels
  - Intelligent Resolution Technology
  - iA Mode
  - LUMIX Image Uploader



**Panasonic**  
ideas for life

**LUMIX®**

# 2011 LUMIX®

## DMC-FH27 Digital Camera

METRICS		
Dimensions (W x H x D)	99.2 x 56.5 x 27.7 mm (3.9 x 2.2 x 1.1 in)	
Weight	Approx. 159g with Battery and SD Memory Card (0.35 lb) Approx. 142g without Battery and SD Memory Card (0.31 lb)	
OPTICS		
Pixels	Camera Effective Pixels	16.1 Megapixels
CCD	Sensor Size/Total Pixels/ Filter	1/2.33-in/ 16.6 Total Megapixels/ Primary Color Filter
Lens	Aperture	F3.3 - 5.9/ 2-Step (F3.3 - 10 (W)/ F5.9 - 18 (T))
	Optical Zoom	8X
	Focal Length	f=5 - 40 mm (28 - 224 mm in 35 mm equiv.)
	Extra Optical Zoom (EZ)	10.1X (4.3/ 10M), 14.4X (4.3/ 5M), 18X (4.3/ under 3M)
	Intelligent Zoom	10X
	Lens	LEICA DC VARIO-ELMAR 9 elements in 7 groups (3 Aspherical Lenses/ 6 Aspherical surfaces)
	2-Speed Zoom	—
	Optical Image Stabilizer	MEGA O.I.S. (Off/ On)
	Conversion lens Compatibility	—
	Digital Zoom	4X (Max. 32.0X combined with Optical Zoom without Extra Optical Zoom) (Max. 72.0X combined with Extra Optical Zoom)
Focus	Focusing Area	Normal: Wide 50 cm - infinity/ Tele 200 cm - infinity Macro/ Intelligent AUTO/ Motion Picture : Wide 5 cm - infinity/ Tele 100 cm - infinity
	Focus Range Display	Yes
	AF Assist Lamp	Yes
	Focus	Normal/ Macro, Zoom Macro, Quick AF (Always On), AF Tracking, Touch AF/ AE
	Shutter	AF Metering
Finder	Shutter Speed	Still: approx. 8 - 1/1600 sec Starry Sky Mode: 15, 30, 60 sec.
	Shutter Interval	Approx. 1.1 sec
Finder	Viewfinder	—
RECORDING		
iA	Face Recognition	—
	Optical Image Stabilizer	Photo/ Movie
	Intelligent ISO Control	Photo
	Face Detection	Photo
	Intelligent Scene Selector	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Sunset, Macro)
	Intelligent Exposure	Photo/ Movie
	AF Tracking	Photo
	Digital Red Eye Correction (Red Eye Removal)	Photo
	iA Direct Button	—
	Intelligent Resolution Technology	Photo
File	File Format	Still Image: JPEG (DCF/ Exif2.3) Motion Picture: QuickTime Motion JPEG
	AVCHD Lite REC	—
Interface	Mode Switch	—
	One-Touch Movie Button	—
Recording Modes	Mode Dial/ Mode Button	Intelligent AUTO, Normal Picture, SCN, My SCN, Motion Picture
	Still Image 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, High-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pin Hole, Film Grain, High Dynamic (Standard, Art, B&W), Photo Frame
	Movie Scene Mode	—
	Continuous Shooting Mode	High-Speed Burst Mode: approx. 4.4 frames/ sec (image priority) (recorded in 3M for 4.3, 2.5M for 3.2, 2M for 16:9)
	Unlimited Consecutive Shooting	1.4 frames/ sec
Motion Picture Recording	4:3	VGA: 640 x 480 pixels, 30fps (Motion JPEG) OVGA: 320 x 240 pixels, 30 fps (Motion JPEG)
	HD Movie (16:9)	1280 x 720 pixels, 24fps (Motion JPEG)
Continuous Recordable Time (motion pictures)	AVCHD Lite with picture quality set to [SH]	—
Actual Recordable Time (motion pictures)	MOTION JPEG with picture quality set to [HD]	—
	AVCHD Lite with picture quality set to [SH]	—
Exposure Parameters	MOTION JPEG with picture quality set to [HD]	—
	Exposure	Program AE
	Exposure Compensation	1/3 EV step, +/- 2 EV
	Backlight Compensation	Yes (only in Intelligent AUTO Mode)
	Auto (AE) Bracketing	—
	Multi-Aspect	—
	Light Metering	Intelligent Multiple
	ISO Sensitivity	ISO/ 100/ 200/ 400/ 800/ 1600 High Sensitivity Mode (ISO 1600 - 6400)
Max Auto ISO Setting	—	

RECORDING CONTINUED			
Image Parameters	Aspect Ratio	4:3/ 3:2/ 16:9	
	Still Picture Recording	4:3	4608 x 3456 (16M/ 3648 x 2736 (10M EZ)/ 2560 x 1920 (5M EZ)/ 2048 x 1536 (3M EZ)/ 640 x 480 (0.3M EZ)
		3:2	4608 x 3072 (14M)
		16:9	4608 x 2592 (12M)
		1:1	—
	Image Quality	—	
	White Balance	Auto/ Daylight/ Cloudy/ Shade/ Incandescent/ White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Panorama Assist, Sports, Baby, Pet, High Sensitivity, High-Speed Burst, Pin Hole, Photo Frame, High Dynamic)	
	Quick Menu	—	
	Color Mode/ Color Effect	Standard, Vivid, Natural, Black & White, Sepia, Cool, Warm, Happy (only in iA Mode)	
	Picture Adjustment	—	
Others	Still Image with Audio Recording	—	
	GPS	—	
	Flip Animation	—	
	Real-time histogram	—	
	Composition Guide Line	Yes (1 pattern)	
	Auto Review	1 sec, 2 sec, Hold, Off	
	Easy Zoom/ Zoom Resume	Yes/ No	
	Optical Zoom in Motion Picture	—	
	Macro Zoom	Yes	
	Orientation Detector	Yes	
	Scene Mode Help Screen	Yes	
	Self Timer	2 sec/ 10 sec	
	Focus Icon Select	Yes	
	PLAYBACK		
Display	Playback Mode	Normal Playback, Slideshow, Filtering Playback (Category Playback), Calendar Playback	
	Thumbnails/ Zoomed Playback	12,30 - thumbnails/ Max. 16X Touch Magnification	
	Calendar Display/ Dual-Image Playback	Yes/ No	
	Set Favorites/ Rotate Image	Yes/ No	
	Playback Still Images with Audio	—	
	Playback Motion Picture	Yes	
	Slideshow Mode	All/ Category/ Favorites BGM Effect (Natural/ Slow/ Swing/ Urban/ Off)	
	Show Histogram	—	
	Show Highlights	—	
	Delete	Delete Image	Single/ Multi/ All/ All except Favorites
DPOF Print Setting/ Set Protection		Yes/ Yes	
Edit	Resize/ Cropping/ Aspect Conv./ Leveling	Yes/ Yes/ No/ No	
	Copy/ Title Edit/ Text Stamp	Yes/ No/ Yes	
	Cut Animation	—	
	Video Divide	—	
PictBridge Support	Single/ Multi/ All/ Favorites/ DPOF		
SETUP			
OSD language	OSD language	Please refer to "OSD" Sheet	
	Movie REC Guide	—	
	Wind-Cut in Motion Picture	—	
Travel Date/ World Time	Yes/ Yes		
OTHERS			
Monitor	LCD Monitor	3.0" (7.5 cm) TFT Touch Screen LCD Display (230K dots) Field of View: approx. 100% AUTO Power LCD Mode, Power LCD Mode, High Angle Mode	
	Touch Panel	Yes	
Tough	Water Proof	—	
	Dust Proof	—	
	Freeze Proof	—	
	Shock Proof	—	
Flash	Built-in-Flash	Auto, Auto/ Red Eye Reduction, Slow Sync./ Red Eye Reduction, Forced On, Forced Off 0.6 - 5.8m (Wide/ LISO), 1.0 - 3.2m (Tele/ LISO)	
	External Flash	—	
Media	Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card	
	Built-in-Memory	Approx. 70MB	
Audio	Microphone/ Speaker	Mono/ Yes	
Interface	Interface	AV Output (NTSC), USB2.0 High-Speed	
Network	Viera Link	—	
	HDMI Output	—	
	LUMIX Image Uploader	Yes	
Power	Power	Li-Ion Battery Pack (3.6V, Minimum: 660mAh) (Included)	
	Battery Life (approx.)	250 pictures (CIPA Standard)*1	
Standard Package	Included Software	PHOTOturnSTUDIO 6.0 QuickTime Adobe Reader	
	Standard Accessories	Battery Charger, Battery Pack Stylus Pen, AV Cable, USB Cable Hand Strap, CD-ROM	

Recording conditions by CPA standard

- CPA is the acronym for Camera & Imaging Products Association.
- Temperature: 23°C (73.4°F)/ Humidity: 50% when LCD monitor is on.
- Using a Panasonic SD Memory Card (32MB).
- Using the supplied battery.
- Starting recording 30 seconds after the camera is turned on. (When the optical image stabilizer function is set to [ON].)
- Recording once every 30 seconds with full flash every second recording.
- Rotating the zoom lever from Tele to Wide or vice versa in every recording.
- Turning the camera off every 10 recordings and leaving it until the temperature of the battery decreases.
- The number of recordable pictures decreases in Auto Power LCD Mode and Power LCD Mode.

- These are standard times taken at a temperature of 23°C (73.4°F) and a humidity of 50%.
- The time available for recording varies depending on the environment, the interval between recordings and the manner of use.
- Actual recordable time is the time available for recording when repeating actions such as switching the power supply [ON]/ [OFF], starting/ stopping recording, zoom operation etc.
- Motion picture recorded continuously in [MOTION JPEG] is up to 2 GB. Only the maximum recordable time for 2 GB is displayed on the screen.