

# 2010 LUMIX® FP1 FP3 DIGITAL CAMERA



FP1



FP3

## ULTRA THIN, STYLISH DESIGN

Super slim, stylish design for on-the-go use.

## 3.0" TOUCH LCD (FP3)

Control all of your camera functions on a large easy to read touch panel LCD screen.



## INTELLIGENT AUTO WITH MEGA O.I.S.

Automatically adjusts to ensure great photos under any condition.



## SONIC SPEED AF

Lightning fast focus for capturing the action as it is taking place.



FP1/FP3



FP1/FP3



FP3



FP1



FP1



FP1



FP1

- Face Detection
- Intelligent Scene Selector
- 14.1 Megapixels (FP3), 12.1 Megapixels (FP1)
- Approximately 40MB Built-In Memory
- HD Movie Recording

**Panasonic** LUMIX®



2010 LUMIX® FP1/FP3 Digital Camera Specifications

METRICS			DMC-FP1		DMC-FP3	
Dimensions (W x H x D)			98.6 x 58.9 x 18.6 mm / excl. protrusions: 16.4 mm, (3.88 x 2.32 x 0.73 in / excl. protrusions: 0.65 in)		98.6 x 58.9 x 18.6 mm / excl. protrusions: 16.4 mm (3.88 x 2.32 x 0.73 in / excl. protrusions: 0.65 in)	
Weight			Approx. 141g with Battery and SD Memory Card (0.31 lb) / Approx. 121g without Battery and SD Memory Card (0.27 lb)		Approx. 145g with Battery and SD Memory Card (0.32 lb) / Approx. 125g without Battery and SD Memory Card (0.28 lb)	
OPTICS	Pixels	Camera Effective Pixels	12.1 Megapixels		14.1 Megapixels	
	QD	Sensor Size / Total Pixels / Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter		1/2.33-inch / 14.5 Total Megapixels / Primary Color Filter	
	Lens	Aperture	F3.5-F5.9 / Multistage Iris Diaphragm (F3.5-5.6 (W)/F5.9-7.1 (T))		F3.5-F5.9 / Multistage Iris Diaphragm (F3.5-5.6 (W)/F5.9-7.1 (T))	
		Optical Zoom	4x		4x	
		Focal Length	f=6.3-25.2mm (35-140mm in 35mm equiv.)		f=6.3-25.2mm (35-140mm in 35mm equiv.)	
		Extra Optical Zoom (EZ)	4.9x (4.3 / 8M), 6.3x (4.3 / 5M), 7.8x (under 3M)		4.7x (4.3 / 10M), 6.8x (4.3 / 5M), 8.4x (under 3M)	
		Intelligent Zoom	-		-	
		Lens	LUMIX DC VARIO; 11 elements in 10 groups; (4 Aspherical Lenses / 7 Aspherical Surfaces / 1 ED Lens)		LUMIX DC VARIO; 11 elements in 10 groups; (4 Aspherical Lenses / 7 Aspherical Surfaces / 1 ED Lens)	
		2-Speed Zoom	-		-	
		Optical Image Stabilizer	MEGA O.I.S. (Off / Auto / Mode1 / Mode2)		MEGA O.I.S. (Off / Auto / Mode1 / Mode2)	
Focus	Conversion Lens Compatibility	-		-		
	Digital Zoom	4x; (Max. 16.0 x combined with Optical Zoom without Extra Optical Zoom) ; (Max. 31.3x combined with Extra Optical Zoom)		4x; (Max. 16.0 x combined with Optical Zoom without Extra Optical Zoom) ; (Max. 33.8 x combined with Extra Optical Zoom)		
	Focusing Area	Normal: Wide 50 cm - infinity/Tele 50 cm - infinity; Macro / Intelligent AUTO : Wide 10 cm - infinity / Tele 50cm - infinity		Normal: Wide 50 cm - infinity / Tele 50 cm - infinity; Macro / Intelligent AUTO : Wide 10 cm - infinity/Tele 50cm - infinity		
	Focus Range Display	Yes		Yes		
	AF Assist Lamp	Yes		Yes		
	Focus	Normal / Macro, Zoom Macro, Quick AF (Always On)		Normal / Macro, Zoom Macro, Quick AF (Always On), Touch AF		
	AF Metering	Face / 9 pt / 1st		Face / 9 pt / 1st / Touch Area on screen		
	Shutter Speed	Still: approx. 8 - 1/1600 sec; Shutter Sky Mode : 15, 30, 60 sec		Still: approx. 8 - 1/1600 sec; Shutter Sky Mode : 15, 30, 60 sec		
	Shutter Interval	approx. 1.0 sec		approx. 1.2 sec		
	Finder	Viewfinder	-		-	
IA	Face Recognition	-		-		
	Optical Image Stabilizer	Photo & Movie		Photo & Movie		
	Intelligent ISO Control	Photo		Photo		
	Face Detection	Photo		Photo		
	Intelligent Scene Selector	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Sunset, Macro)		Photo (Portrait, Scenery, Night Portrait, Night Scenery, Sunset, Macro)		
	Intelligent Exposure	-		-		
	AF Tracking	-		-		
	Digital Red-Eye Correction (Red-Eye Removal)	Photo		Photo		
	IA Direct Button	Yes		Yes		
	Intelligent Resolution Technology	-		-		
File	File Format	Still Image: JPEG/DCF/Exif2.21; Motion picture: QuickTime Motion JPEG		Still Image: JPEG/DCF/Exif2.21; Motion picture: QuickTime Motion JPEG		
	AVCHD Lite REC	-		-		
	Interface	[Recording] / [Playback]		[Recording] / [Playback]		
	Recording Modes	Intelligent AUTO, Normal Picture, SCN, My SCN, Motion Picture		Intelligent AUTO, Normal Picture, SCN, My SCN, Motion Picture		
		Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Flash Burst, Shutter Sky, Fireworks, Beach, Snow, Aerial photo, Film Grain, Photo Frame		Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Flash Burst, Shutter Sky, Fireworks, Beach, Snow, Aerial photo, Film Grain, Photo Frame		
	Movie Scene Mode	-		-		
	Continuous Shooting Mode	High-speed Burst Mode: approx. 5.5 frames/sec (image priority); (recorded in 3M for 4.3, 2.5M for 3.2, 2M for 16.9)		High-speed Burst Mode: approx. 4.6 frames/sec (image priority); (recorded in 3M for 4.3, 2.5M for 3.2, 2M for 16.9)*		
	Unlimited Consecutive Shooting	1.8 frames/sec		1.5 frames/sec		
	Flash Burst Continuous Shooting Mode	Max. 5 images (Standard mode)		Max. 5 images (Standard mode)		
	Motion Picture Recording	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) 1280x720 pixels, 30fps (Motion JPEG)		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) 1280x720 pixels, 30fps (Motion JPEG)		
Continuous/Recordable Time (Motion Pictures)	AVCHD Lite with Picture Quality Set to [SH]	-		-		
	MOTION JPEG with Picture Quality Set to [HD]	-		-		
	AVCHD Lite with Picture Quality Set to [SH]	-		-		
	MOTION JPEG with Picture Quality Set to [HD]	-		-		
	Exposure	Program AE		Program AE		
	Exposure Compensation	1/3 EV step, +/-2 EV		1/3 EV step, +/-2 EV		
	Backlight Compensation	Yes (only in Intelligent AUTO mode)		Yes (only in Intelligent AUTO mode)		
	Auto (AE) Bracketing	-		-		
	Multi-Aspect	-		-		
	Light Metering	Intelligent Multiple		Intelligent Multiple		
Image Parameters	ISO Sensitivity	ISO / 80 / 100 / 200 / 400 / 800 / 1600; High Sensitivity (ISO 1600-6400)		ISO / 80 / 100 / 200 / 400 / 800 / 1600; High Sensitivity (ISO 1600-6400)		
	Max. Auto ISO Setting	-		-		
	Aspect Ratio	4.3 / 3.2 / 16:9		4.3 / 3.2 / 16:9		
	Still Picture Recording	4000x3000(12M) / 3264x2448(8M EZ) / 2560x1920(5M EZ) / 2048x1536(3M EZ) / 640X480(0.3M EZ)		4320x3240(14M) / 3648x2736(10M EZ) / 2560x1920(5M EZ) / 2048X1536(3M EZ) / 640X480(0.3M EZ)		
		4000 x 2672 (10.5M)		4320 x 2880 (12.5M)		
		4000 x 2248 (9M)		4320 x 2432 (10.5M)		
	Image Quality	-		-		
	White Balance	Auto/Daylight/Cloudy/Shade/Halogen/White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Photo Frame)		Auto/Daylight/Cloudy/Shade/Halogen/White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Photo Frame)		
	Quick Menu	Yes		Yes		
	Color Mode/Color Effect	Standard, Vivid, Natural, Black & White, Sepia, Cool, Warm		Standard, Vivid, Natural, Black & White, Sepia, Cool, Warm		
Others	Picture Adjustment	-		-		
	Still Image with Audio Recording	-		-		
	GPS	-		-		
	Flip Animation	-		-		
	Real-Time Histogram	-		-		
	Composition Guideline	Yes (1 pattern)		Yes (1 pattern)		
	Auto Review	1sec, 2sec, Hold		1sec, 2sec, Hold		
	Easy Zoom/Zoom Resume	No / No		No / No		
	Optical Zoom in Motion Picture	-		-		
	Macro Zoom	Yes		Yes		
PLAYBACK	Orientation Detector	Yes		Yes		
	Scene Mode Help Screen	Yes		Yes		
	Self Timer	2sec / 10sec		2sec / 10sec		
	Focus Icon Select	Yes		Yes		
	Playback Mode	Normal Playback, Slideshow, Category Playback, Favorites Playback		Normal Playback, Slideshow, Category Playback, Favorites Playback		
	Thumbnails/Zoomed Playback	12,30-thumbnails / Max 16x		12,30-thumbnails / Max 16x		
	Calendar Display/Dual-Image Playback	Yes / No		Yes / No		
	Set Favorites/Rotate Image	Yes / Yes		Yes / Yes		
	Playback Still Images with Audio	-		-		
	Playback Motion Picture	Yes ( Motion JPEG)		Yes ( Motion JPEG)		
Slideshow Mode	All / Category / Favorites BGM Effect (Natural / Slow / Swing / Urban / OFF)		All / Category / Favorites / BGM Effect (Natural / Slow / Swing / Urban / OFF)			
Delete	Show Histogram	-		-		
	Show Highlights	-		-		
	Delete Image	Single / Multi / All / All except Favorites		Single / Multi / All / All except Favorites		
	DPOF Print Setting/Set Protection	Yes / Yes		Yes / Yes		
	Resize/Trim/Aspect Conv./Leveling	Yes / Yes / No / No		Yes / Yes / No / No		
	Copy/Title Edit/Text Stamp	Yes / No / Yes (only Baby, Pet, Travel)		Yes / No / Yes (only Baby, Pet, Travel)		
	Out Animation	-		-		
	Video Divide	-		-		
	PictBridge Support	Single / Multi / All / Favorites / DPOF		Single / Multi / All / Favorites / DPOF		
	OSD Language	English/Spanish		English/Spanish		
SETUP	Movie REC Guide	-		-		
	Wind-Cut in Motion Picture	-		-		
	Travel Date / World Time	Yes / Yes		Yes / Yes		
	Monitor	2.7" TFT Screen LCD Display (230K dots); Field of View: approx. 100%; AUTO Power LCD mode, Power LCD mode, High Angle mode		3.0" TFT Touch Screen LCD Display (230K dots); AR Coat; Field of View: approx. 100%; AUTO Power LCD mode, Power LCD mode, High Angle mode		
	Touch Panel	-		Yes		
	Waterproof	-		-		
	Dustproof	-		-		
	Freezeproof	-		-		
	Shockproof	-		-		
	Built-in Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync/Red-eye Reduction, Forced Off, 0.3 - 4.9m (Wide/ISO Auto), 0.5 - 2.9m (Tele/ISO Auto)		Auto, Auto/Red-eye Reduction, Forced On, Slow Sync/Red-eye Reduction, Forced Off, 0.3 - 4.9m (Wide/ISO Auto), 0.5 - 2.9m (Tele/ISO Auto)		
OTHERS	External Flash	-		-		
	Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card		Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card		
	Built-in Memory	Approx. 40MB		Approx. 40MB		
	Microphone/Speaker	Mono / Yes		Mono / Yes		
	Interface	AV Output (NTSC), USB2.0 Full-speed, DC Input		AV Output (NTSC), USB2.0 Full-speed, DC Input		
	Wi-Fi Link™	-		-		
	HDMI Output	-		-		
	Power	ID-Security Li-ion Battery Pack (3.7V, Minimum: 695mAh) (Included); AC Adaptor (Input: 110-240V AC) (Optional)		ID-Security Li-ion Battery Pack (3.7V, Minimum: 695mAh) (Included); AC Adaptor (Input: 110-240V AC) (Optional)		
	Battery Life (approx.)	300 pictures (CIPA Standard)**		300 pictures (CIPA Standard)**		
	Included Software	PHOTOfunSTUDIO 5.0 Edition; QuickTime; Adobe Reader		PHOTOfunSTUDIO 5.0 Edition; QuickTime; Adobe Reader		
Standard Accessories	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, Hand Strap, CD-ROM		Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, Hand Strap, CD-ROM			