Specifications

WHITE BALANCE White Balance Adjustment Buckmerb bias, Magendaryene has Color Temperature Setting 2.500K - 10.000K in 100K White Balance Adjustment Setting 2.500K - 10.000K in 100K White Balance Bracket 3. seposures in blue/amber axis or in magenta/green axis Focal-plane shutter Shutter Speed Still Images II / 10.00 - 1/30 INTSCI, 1/16,000 - 1/32 IPAL Self-Timer Still Images II / 10.00 - 1/30 INTSCI, 1/16,000 - 1/32 IPAL Self-Timer Still Images II / 10.00 - 1/30 INTSCI, 1/16,000 - 1/32 IPAL Self-Timer Still Images II / 10.00 - 1/30 INTSCI, 1/16,000 - 1/32 IPAL Self-Timer Still Images II / 10.00 - 1/30 INTSCI, 1/16,000 - 1/32 IPAL Self-Timer Self-Timer Still Images II / 10.00 - 1/30 INTSCI, 1/16,000 - 1/32 IPAL Self-Timer Self-Tim	Specifica	tions					
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Type		-					
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Control Cont	IMAGE	_					
Double Relations Spatial				Pixels			
Recording File Format Asset Rate Image Cooling Asset Rate Image Cooling Asset Rate A		-		stem			
Agreet Rates						Still Image: JPEG (DCF, Exif 2.3), RAW	
Engine Goodly		Recordin	ig File For	mat		MPO (When attaching 3D lens in Micro Four Thirds System standard) Motion Image: AVCHD / QuickTime Motion JPEG	
AGE Ade Age		Aspect R	atio			4:3, 3:2, 16:9, 1:1	
Color Spece		Image Q	uality			RAW, RAW+Fine, RAW+Standard, Fine, Standard, MP0.Fine, MP0.standard (When attaching 30 lens in Micro Four Thirds System standard)	
RECORDINO PROFILE STATE AND A 25 ALL J 28 ALL J		Color Sp	ace				
DILL SON TABLE OF THE STATE OF						[4:3] 4,000 x 3,000 (L) / 2,816 x 2,112 (M) / 2,048 x 1,536 (S) /	
1.00.1 1546 When attaching 30 law in March Spann standard 30							
RECORDING Fig. 11.1.29.02 Sept. 2017. J. 2017. 2019. 20 from in Micro Face Private System standard! Fig. 11.1.29.02 Sept. 2017. J. 2017.			Still Image			1,600 x 1,064 (When attaching 3D lens in Micro Four Thirds System standard)	
Protein Wolfers Wolf	RECORDING					1,600 x 904 [When attaching 3D lens in Micro Four Thirds System standard]	
Protein Wolfers Wolf	SYSTEM					[1:1] 2,992 x 2,992 (L) / 2,112 x 2,112 (M) / 1,504 x 1,504 (S) /	
Motion (Motion) Motion		Size [Pixels]					
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John James John John James					NTSC		
Continuous Recordable Time Motion imaged Mot			Image	AVCHD	11150		
Continuous Recordable Time					PAL		
Motion imagend Aprile 1 String with H-H014		Continuo	us Recor	dable Time		AVCHD with picture quality set to [FSH]:	
Type		_	images)			Approx. 130min with H-FS014042 / Approx. 150min with H-H014	
Special Mode		(Motion i	mages)	riiile		Approx. 65min with H-FS014042 / Approx. 75min with H-H014	
Footbase						Contrast AF system	
AF Detection Range AF Lock AF Lock Others Set the fire further in custom menus to AFAE lock Others Others Light Metering System Light Metering Modes Helitoper Multipal Factors with part of the property of the prop							
AF Assist Lamp AF Lock Others AF Lock Others Othe	FOCUS			e			
Dichers Touch shatter, Durk AF, Continuous AF, Burning motion image recording), AF-AFF, Conch MF Assats Light Metering System Light Metering Mode Intelligent Multiple / Center Weighted / Spot Metering Range EVO - 19 Fiz.2 lens., IS-100 equivalent Spot Metering Range EVO - 19 Fiz.2 lens., IS-100 equivalent Spot Spo	FUCUS						
Light Metering System Light Metering Mode Light Metering Mode Metering Range EVO 1.8 IE 20 Jenn, S100 Light Gender Method / Spot Metering Range Exposure Mode Exposure Compression 1 Si Si Sing 2 Serv 1 160 / 160 / 200 / 140 / 800 / 1500 / 200 / 1400 Exposure Compression 1 Si Si Sing 2 Serv 1 160 / 160 / 200 / 140 / 800 / 1500 / 200 / 1400 Atto Intelligent Si J 1 160 / 200 / 140 / 800 / 1500 / 200 / 1400 Exposure Compression 1 Si Si Sing 2 Serv 1 160 / 200 / 140 / 800 / 160 / 200 / 1400 Atto Intelligent Si J 1 160 / 200 / 140 / 800 / 160 / 200 / 1400 Exposure Compression 1 Si Si Sing 2 Serv 1 160 / 200 / 140 / 800 / 160 / 160 / 200 / 1400 White Balance Adjustment White Balance Adjustment Exposure Final Meters of Sing 2 Serv 1 160 / 200 / 1400 / 16		AF Lock					
Light Metering Spatem Light Metering Mode Light Metering Mode Metering Range Exposure Mode Exposure Notice Exposure Notice Exposure Notice Exposure Notice Exposure Notice Exposure Notice Frogram AE / Aperture Protring AE / Manual Exposure Notice And Intelligent Sci 110 / 107 / 200 / 400 / 800 / 1100 / 3200 / 4400 Exposure Notice AE Section AE Section AE Section Spate Section of Section (Intelligent Sci 110 / 107 / 200 / 400 / 800 / 1100 / 3200 / 4400 Exposure Compensation AE Section Spate Section (Intelligent Sci 110 / 107 / 200 / 400 / 800 / 1100 / 3200 / 4400 White Balance Adjustment Exposure Compensation Station (Intelligent Sci 110 / 107 / 200 / 400 / 800 / 1100 / 900 / 1100 / 900 / 1100 / 900 / 1100 / 900 / 1100 / 9		Others				Touch shutter, Quick AF, Continuous AF (during motion image recording), AF+MF, Touch MF Assist	
Metering Brange EVO-18 E20 lines, ISO100 equivalent SS Sensitivity White Balance Adjustment Sensitivity SS SS Sensitivity SS SS Sensitivity SS SS Sensitivity SS SS SS Sensitivity SS SS SS Sensitivity SS		Light Me	tering Sy	stem			
Exposure Mode Disparation Exposure Foodre Disparation Exposure Compensation I See See a SV Actor Intelligent Sio 1 60 / 200 / 400 / 800 / 160 / 200 / 4400 Exposure Compensation I See See a SV Actor I See a SV White Balance Adjustment White Balance Adjustment Blood Actor I See a SV White Balance Adjustment Blood Actor I See a SV Blood Actor I See a SV White Balance Adjustment Blood Actor I See a SV Blood Actor I See a SV White Balance Bracket 3 seponses in Mouldenber bias, Magnetal/green bias Setting Foodre J See Actor I See a SV White Balance Bracket 3 seponses in Mouldenber axis or in magental/green axis Syse Foodre James Hutter Syse Foodre James Hutter Syse Foodre James Hutter Set Timer Sill Image SVM Mode District See and Mouldenber axis or in magental/green axis Sill Image SVM Mode District See a Sill Images I 7,800 - 40 Notice Inages I 1,800 - 100 INTSCL 1/16,000 - 1/25 [PAL] Set Timer Sill Image SVM Mode District See and Mouldenber axis or in magental-green axis Sill Image SVM Mode Inages SVM				de			
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Standard Output Sensitivity		ISO Sens	sitivity				
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Shutter Speed Still Images 14,000 - 40 Introci, 1,000 - 175 [PAL] Self-Timer 10 sec. 3 images / 2 sec / 10 sec Still Image SCN Mode Department of the protein of						3 exposures in blue/amber axis or in magenta/green axis	
Motion Image: 1/16,000 - 1/20 [MAL] Self-Timer 10 see, 3 millage 5/2 see/ 10 see. Sittl Image SCN Mode 0							
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SCENE MODE Comparison		Self-Tim	er				
SCENE MODE Video SCN Mode		Still Image SCN Mode				Portrait / Soft Skin / Scenery / Architecture / Sports / Peripheral Defocus / Flower / Food / Objects / Night Portrait / Night Scenery / Illuminations / Baby 1, 2 / Pet / Party / Sunset	
Video SCN Mode	COENE MODE						
REATIVE CONTROL Creative Control [Still Image & Motion Image] Expressive / Retro / High Key / Sepia / High Dynamic / Min BURST BURST SHOOTING Wumber of Recordable Images Timages (when there are RAW files) with the particular speed Unlimited consecutive shooting (when there are no RAW files) Type TIL Bult-in Flash, GN63 equivalent [ISO180 - m], Bult-in Pop-up Auto, Auto / Red-eye Reduction, Forced On, Forced On / Red-eye Reduction, Slow Sync., Slow Sync., Red-eye Reduction, Forced On of Red-eye Reduction, Flash Mode Auto, Auto / Red-eye Reduction, Forced On, Forced On / Red-eye Reduction, Slow Sync., Slow Sync., Red-eye Reduction, Forced On of Red-eye Reduction, Flash Synchronization Type TIF LD with Touch panel Auto, Auto / Red-eye Reduction, Forced On	SCENE MODE	Video SC	N Mode			(Activated by selecting Still Image SCN mode then pressing Video Button.	
REATIVE CONTROL OCHTROL Direct Speed H. 3.8 frames/sec, M: 2.8 frames/sec (with Live View), L. 2 frames/s						Still Image SCN modes without corresponding Video SCN mode are recorded in mode suitable for the recording situation.)	
Burst Speed H: 3.8 frames/sec, M: 2.8 frames/sec (with Live View), L: 2 frames/sec (with Live View) BURST SHOOTING Number of Recordable Images Type TITL. Buit: In Table, No.8 3 equation (ISD 160 m. No. RAW files) Idepending on memory card size, battery power, picture size and compression) Type Flash Mode Flash Mode Synchronization Speed Less than 1/180 second Flash Synchronization Speed Less than 1/180 second Flash Synchronization Type TITL Buit: In Table Second Flash Synchronization Type TITL Buit: In Table Second Flash Synchronization Type TITL Duty the Touch panel LOD MONITOR Type TITL COWNIT Touch panel LOD With Touch panel Monitor Size 3.0 inch / 3.2 Appect / Wide-viewing angle Pixels 460,000 dots Field of View Approx. 100% Monitor Adjustment Brightness Tivevels, Contrast and Saturation (7 levels), Red tint (7 levels), Blue tint (7 levels) With Title Conversion Zix 4x Digital Zoom Zix 4x Six Image: Max. 2x (Not effective with L. size recording. Magnification ratio depends on the recording pixels and aspect ratio.) Motion image: 31 / KS Hin McVPL and HO in Motion JPEG), 4.2x (VRA/OVGA in Motion JPEG) Other Functions Real-time Histogram Normal playback, 30-thomball display, 12-thomball display, Calendar display, Zoomed playback Max. 164, Slideshow (duration & effect is selectable), Playback Mode Playback	CREATIVE	Creative	Control				
SHOOTING Number of Recordable Images	CONTROL						
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Type	SHOOTING	Number of Recordable Images				Unlimited consecutive shooting (when there are no RAW files)	
Synchronization Speed Less than 1/16/0 second		Туре					
Synchronization Speed Less than 1/160 second	BUILT-IN-					Auto, Auto / Red-eye Reduction, Forced On, Forced On / Red-eye Reduction,	
Flash Synchronization Type IFI LDD with Touch panel Jonitor Size 3.0 inch / 3.2 Aspect / Wide-viewing angle A60,000 dots Field of View Aprox. 100% Minitor Aigustment Brightness P(levels), Contrast and Saturation 7 levels], Red tint 7 levels], Blue tint 7 levels], Blue tint 7 levels], Blue tint 7 levels] Brightness P(levels), Contrast and Saturation 7 levels], Red tint 7 levels], Blue ti							
Monitor Size 3.0 inch / 3.2 Aspect / Wide-viewing angle		Flash Synchronization				1st Curtain Sync.	
Pixels Approx. 100%		Туре					
Field of View Monitor Adjustment Brightness I7 levels], Contrast and Saturation (17 levels], Red tint (17 levels), Blue tint (17 levels), Digital Zoom 2x, 4x Digital Zoom Extra Tele Conversion Still image: Max. 2x (Not effective with L. size recording). Magnification ratio depends on the recording pixels and aspect ratio.] Motion image: 3.1 x (SH in AVCHD and HD in Motion JPEG). 4.2x (WAG/WOSA in Motion JPEG) Other Functions Real-time Histogram Normal playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (Max. 16), Sideshow (duration & effect is selectable). Playback Mode Playback Mode (Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (Max. 16), Sideshow (duration & effect is selectable). Playback Mode (Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (Max. 16), Sideshow (duration & effect is selectable). Protection Rotate Display, Favorite, Print Set, Protect, Face Recognition Edit Frase Single / Multi, Single in Burst Group / Multi in Burst Group, Cancel Single / Multi, All / Except Favorite USB USB 2.0 High Speed HDMI VISB 2.0 High Speed HDMI VISB 2.0 High Speed Wide: Auto / 1080 / 709 / 480p (574p in PAL system) Audio: Linear PCM Monaural Type, NTSC / PAL, NTSC only for North America Vicheck the website of the Panasonic sales company in your country or region for details on the products that are available in your market. Microphone Monaural Tenge, NTSC / PAL, NTSC only for North America Check the website of the Panasonic sales company in your country or region for details on the products that are available in your market. Linear Erraditional, Chinese Simplified, Duch, Thai, Korean, Turkish, Portuguese, Check the vebsite of the Panasonic sales company in your country or region for details on the products that are available in your market. Linear Erraditional, Chinese Simplified, Duch, Thai, Korean, Turkish, Portuguese, Check the vebsic of the Panasonic sales company in your country or regio	CD MONITOR						
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Extra Tele Conversion Magnification ratio depends on the recording pixels and aspect ratio.] Magnification ratio depends on the recording pixels and aspect ratio.] Motion images 2s. 18; Hai ANZHD and HD in Motion JPEGI 4.2x IV&A/DVGA in Motion JPEGI 5. Quide Lines 13, 18; Hai ANZHD and HD in Motion JPEGI 3. Real-time Histogram Normal playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback Max. I fol., Sideshow (duration & effect is selectable), Playback Mode Playback Mode (Normal Picture I ANZHD / Motion JPEG) 30 Play I Category I Favorite Title Edit, Inst Stamp, Video Diede, Resize, Cropping, Appect Commercian, Rotate, Rotate English Playback, Fant Set, Protect, Face Recognition Edit 1. MAGE Protection Single / Multi, Single in Burst Group / Multi in Burst Group, Cancel English Favorite Print Size, Layout and Date setting are selectable) USB 2 USB 2 High Speed USB 2 USB 2 Protection Playback Playback Stamp (Print Size, Layout and Date setting are selectable) USB 2 USB 2 Protection Playback Stamp (Print Size, Layout and Date setting are selectable) USB 2 USB 2 Protection Playback Stamp (Print Size, Layout and Date setting are selectable) USB 2 USB 2 Protect Print Print Size, Layout and Date setting are selectable) USB 2 USB 2 Protect Print Size, Layout and Date setting are selectable) USB 2 USB 2 Protect Print Size, Layout and Date setting are selectable) USB 2 USB 2 Protect Print Size, Layout and Date setting are selectable) USB 2 USB 2 Protect Print Size, Layout and Date setting are selectable) USB 2 USB 2 Protect Print Size, Layout and Date setting are selectable) USB 2 USB 2 Print Size, Layout and Date setting are selectable) USB 2 USB 2 Print Size, Layout and Date setting are selectable) USB 2 USB 2 Print Size, Layout and Date setting are selectable) USB 2 Print Size, Layout and Date setting are selectable of Print Size, Layout and Date setting are selectable) Widen Audio, Linear Print Size, Layout and Date setting are selectable) Microphone Monaural T		Digital Z	oom			2x, 4x	
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Protection	PLAYBACK	Playback	Mode			Zoomed playback [Max. 16x], Slideshow (duration & effect is selectable), Playback Mode (Normal / Picture / AVCHD / Motion, IPEG / 3D Play / Category / Favorite)	
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Price Print Prin	PROTECTION /		on				
USB USB 2.0 High Speed mini HDMI TypeC HDMI Video: Auto f 1080 / 720p / 480p [576p in PAL system] Audio: Linear PCM Audio Video Output Monaural Type, NTSC / PAL, NTSC only for North America *Check the website of the Panasonic sales company in your country or region for details on the products that are available in your market. Microphone Microphone level adjustable: Lvf / Lv2 / Lv3 / Lv4 Speaker Monaural English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Russian, Chinese (Traditional), Chinese (Simplified), Dutch, Thai, Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish, Greek, Ventamese *Check the website of the Panasonic sales company in your country or region for details OSD languages on the products that are available in your market. Li-ing Battery Pack (7.2v, *40mAh) (Included) Battery Charger	RASE						
mini HDMI TypeC Video: Auto / 1880; / 720 / 480p (576p in PAL system) Audio: Linear PcM Audio: Linear							
Monaural Type, NTSC / PAL, NTSC only for North America "Check the website of the Panasonic sales company in your country or region for details on the products that are available in your market. Microphone Microphone with a description of the products that are available in your market. Monaural, Wind-cut: Off, Low / Standard / High Microphone level adjustable: LVI / LV2 / LV3 / LV4 Speaker Monaural English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Russian, Chinese (Traditional), Chinese (Simplified), Dutch, Thai, Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish, Greek, Veltnamese "Check the website of the Panasonic sales company in your country or region for details OSD languages on the products that are available in your market. Li-ion Batter y Pack / ZV, 940mAhl (Included) Battery Charger						mini HDMI TypeC Video: Auto / 1080i / 720p / 480p (576p in PAL system)	
Microphone Microphone William		Audio Video Output				Monaural Type, NTSC / PAL, NTSC only for North America *Check the website of the Panasonic sales company in your country or region	
English, German, Fanch, Italian, Spanish, Polish, Czech, Hunganian, Rusaian, Chinese (Traditional), Chinese (Simplified), Dutch, Thail Koroan, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish, Greek, Vietnamese *Check the webste of the Panasonic sales companyin your country or region for details OSD languages on the products that are available in your market. Li-ino Battery Pack (7.2V, 9.0mAh) (Included) Battery Charger						Monaural, Wind-cut: Off /Low / Standard / High Microphone level adjustable: Lv1 / Lv2 / Lv3 / Lv4	
Battery Li-ion Battery Pack (7.2V, 940mAh) (included) Battery Charger Avanage (1.2V, 940mAh) (included)	LANGUAGE				English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Russian, Chinese (Traditional), Chinese (Simplified), Dutch, Thai, Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish, Greek, Vietnamese 'Check the website of the Panasonic sales company in your country or region for details on th		
POWER Battery Charger							
	POWER	Battery				Battery Charger	
Approx. 340 images with H-H014		Battery Life*				Approx. 320 images with H-FS014042** Approx. 340 images with H-H014	

	Dimensions (W x H x D)	107.7 x 67.1 x 32.5mm / 4.24 x 2.64 x 1.28 inch (excluding protrusions)	
DIMENSIONS / WEIGHT	Weight	Approx. 264 g / 9.31 oz (SD card, Battery, Body) Approx. 222 g / 7.83 oz (Body only) Approx. 319 g / 11.25 oz (SD card, Battery, H-H014 lens included) Approx. 429 g / 15.13 oz (SD card, Battery, H-F5014042 lens included)	
OPERATING ENVIRONMENT	Operating Temperature	0°C to 40°C (32°F to 104°F)	
	Operating Humidity	10%RH to 80%RH	
STANDARD ACCESSORIES	Software	PHOTOfunSTUDIO 6.2 HD Edition, SILKYPIX® Developer Studio 3.1 SE, Super LoiLoScope (trial version), USB Driver	
	Standard Accessories	Battery Charger, Body Cap (DMC-GF3K and DMC-GF3 only), AV Cable, USB Connection Cable, Shoulder Strap, Stylus Pen, CD-ROM *Body cap not included for the DMC-GF3C kit and the DMC-GF3W kit **Lens rear cap of H-H014 lens not included for the DMC-GF3C kit and the DMC-GF3W kit	

* Shooting conditions: 23°C with 50%RH humidity; LCD on; Using a Panasonic SD Memory Card [26B]; Using the supplied battery; Using the supplied lens; Starting recording 30 seconds after the camera is turned on (When the optical image stabilizer is set to [Normall]. Recording once very 30 seconds with full flash every second recording; Turning the camera off every 10 recordings; The number of recordable images decreases in Auto Power LCD mode or Power LCD mode.

* CIPA is an abbreviation of "Camera & Imaging Products Association."

LUMIX G 14 mm / F2.5 ASPH.

	Lens Construction	6 elements in 5 groups (3 Aspherical lenses)	
	Mount	Micro Four Thirds mount	
	Optical Image Stabilizer	-	
	Focal Length	f = 14mm (35 mm camera equivalent 28 mm)	
	Aperture Type	7 diaphragm blades / Circular aperture diaphragm	
	Aperture	F2.5	
	Minimum Aperture	F22	
LENS	Closest Focusing Distance	0.18 m / 0.59 feet	
	Maximum Magnification	Approx. 0.1x / 0.2x (35 mm camera equivalent)	
	Diagonal Angle of View	75°	
	Filter Size	ø 46mm / 1.81 inch	
	Max. Diameter	ø 55.5mm / 2.19 inch	
	Overall Length	Approx. 20.5mm / 0.81 inch (from the tip of the lens to the base side of the lens mount)	
	Weight	Approx. 55 g / 1.94 oz	
	Standard Accessories	Lens cap, Lens rear cap, Lens storage bag	

LUMIX G VARIO 14-42 mm / F3.5-5.6 ASPH. / MEGA 0.I.S.

	Lens Construction	12 elements in 9 groups (1 Aspherical lens)	
	Mount	Micro Four Thirds mount	
	Optical Image Stabilizer	YES	
	Focal Length	f = 14mm to 42mm [35mm camera equivalent 28mm to 84mm]	
	Aperture Type	7 diaphragm blades / Circular aperture diaphragm	
	Aperture Range	F3.5 (Wide) - F5.6 (Tele)	
	Minimum Aperture	F22	
LENS	Closest Focusing Distance	0.3 m / 1 feet	
	Maximum Magnification	Approx. 0.16x / 0.32x (35 mm camera equivalent)	
	Diagonal Angle of View	75° [W] - 29° [T]	
	Filter Size	ø 52mm / 2.05 inch	
	Max. Diameter	ø 60.6mm / 2.39 inch	
	Overall Length	Approx. 63.6mm / 2.50 inch (from the tip of the lens to the base side of the lens mount)	
	Weight	Approx. 165 g / 5.82 oz	
	Standard Accessories	Lens cap, Lens hood, Lens rear cap, Lens storage bag	

DMC-GF3 Battery Life When Recording HD Motion Pictures (Approx.)

Avoil by Continuous						
	LUMIX G VARIO 14-42mm / F3.5-5.6 ASPH. / MEGA O.I.S.	LUMIX G 14mm / F2.5 ASPH.				
Continuous Recording Time	AVCHD (FSH): 2 h 10 min	AVCHD [FSH]: 2 h 30 min				
Actual Recording Time	AVCHD (FSH): 1 h 5 min	AVCHD (FSH): 1 h 15 min				

• These are standard times taken at a temperature of 23°C [73.4°F] and a humidity of 50%RH. • 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 (DNI/IOFF], starting /stopping recording, zoon operation, etc.

The length of recording time depends on the capacity of the SD/SDHC/SDXC Memory Card. (Up to the equivalent of 2 GB per motion picture recording, I videos can be recorded continuously for up to 29 min 59 sec in European PAL areas. • The length of recording time depends on the capacity of the SD/SDHC/SDXC Memory Card. • Use a card with SD Speed Class* with Tiless 4° or higher when recording videos in AVCHD. Also, use a card with SD Speed Class with "Class 6" or higher when recording videos in Motion JPEG.

**SD Speed Class is the Speed standard repeating continuous writion.

 $Partial\ restrictions\ on\ using\ Panasonic\ digital\ video\ cameras\ to\ play\ AVCHD\ motion\ images\ recorded\ with\ the\ DMC-GF3.$

Recognition performance varieties greatly depending on shooting conditions, i.e., according to factors such as angles, facial expression and lighting, so operation under all conditions cannot be guaranteed. Because the camera searches for faces that are similar to registered faces, there are cases where the faces are not correctly recognized when the registered image and the shooting image varies much. When facial characteristics are similar, particularly between parents and their children or brothers and sisters, the camera may not distinguish the faces.

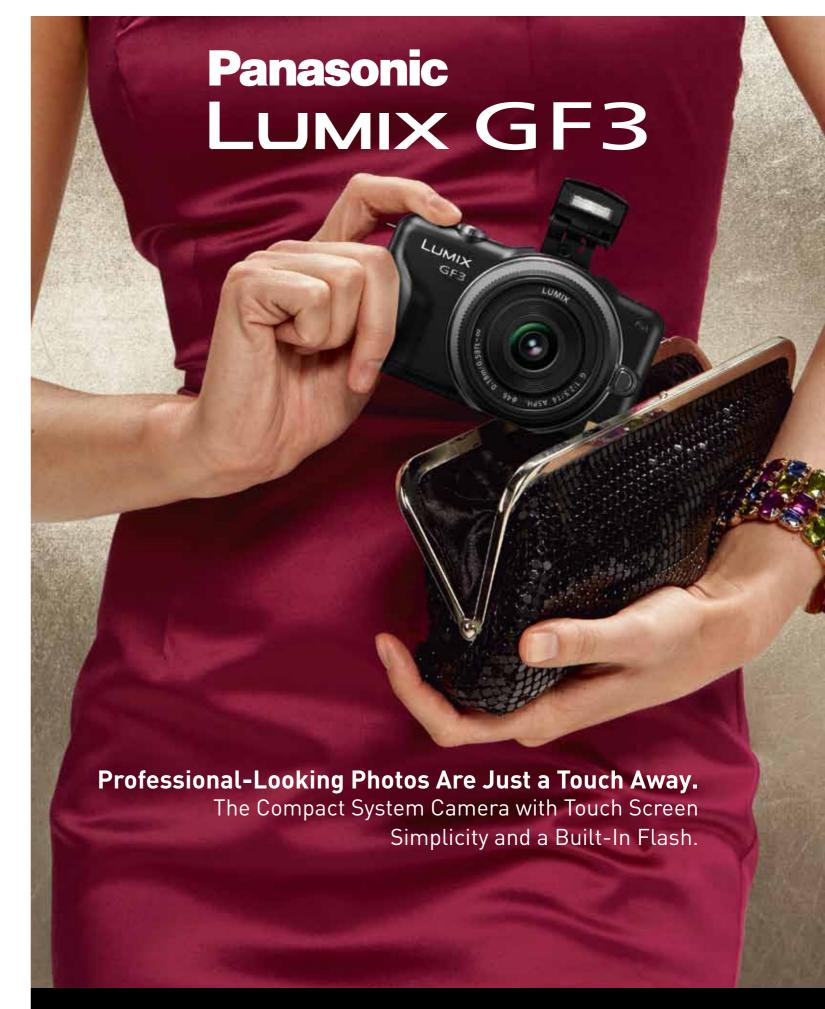
•Images intended to illustrate features of the camera are simulated.

•AVCHD motion images recorded onto an SD Memory Card or a DVD disc cannot be played from a device that does not support the AVCHD standard. •AVCHD and AVCHD logos are trademarks of Panasonic Corporation and Sony Corporation. AVCHD is a high definition IHDI digital wide or ecording / playback format jointly established by Panasonic Corporation and Sony Corporation. AVCHD is a high definition IHDI digital wide or ecording / playback format jointly established by Panasonic Corporation and Sony Corporation. For more details, please refer to the "AVCHD Information Website" http://www.avchd-info.org/ The release date may differ depending on the country. Check the website of the Panasonic sales company in your country or region for details on the optional accessories that are available in your market. •Batteries made by other companies that have been certified by Panasonic may be used with these units, but we offer no guarantee as to the quality, performance or safety of such batteries. •Exercise care when purchasing batteries. Many fake or imitation batteries have been found among those sold at unusually low prices and those which customers cannot check for themselves before purchasing. •Please confirm the latest information about batteries on the following website. http://panasonic.co.jn/pavc/global/cs/find/battery.html [English] •Mhen a lens that does not support the contrast AF function is mounted, operation wild roundmatically switch to manual focus. Confirm the operation information of compatible enses at Customer support. http://panasonic.jp/support/global/cs/disc [English] •The SDXC/SDHC Memory Card can be used only if their logos are indicated on the equipment or in the operation manual. It cannot be used with equipment that supports only if their logos are indicated on the equipment or in the operation manual. It cannot be used with equipment that supports only if the SD Memory Card. •Dobly and the double-D symbol are trademarks of Dobly L

New-Generation System Cameras











Capture Every Beautiful Moment with

Panasonic's Smallest and





The 12.1-megapixel Live MOS sensor reproduces high-quality images.



DSLR Sensor Technology



The 3.0-inch touch screen and the control dial allow easy, intuitive operation.



The built-in flash lets you capture people at night or indoors.

Panasonic's DMC-GF3 has been reduced approximately 16% in weight compared to the DMC-GF2. And the newly designed body profile incorporates an ergonomic grip, which offers a comfortable hold despite its ultra-compact size.













LUMIX G VARIO 14-42 mm / F3.5-5.6 ASPH. / MEGA O.I.S., 1/400 sec, F11, ISO160



LUMIX G 14 mm / F2.5 ASPH., 1/30 sec, F4.0, ISO160



LUMIX G VARIO 14-42 mm / F3.5-5.6 ASPH. / MEGA 0.I.S., 1/125 sec, F4.4, ISO160



LUMIX G 14 mm / F2.5 ASPH., 1/250 sec, F8.0, ISO16





LUMIX G VARIO 14-42 mm / F3.5-5.6 ASPH. / MEGA 0.I.S., 1/800 sec, F6.3, ISO160



Experience the Outstanding Image Quality of a System Camera

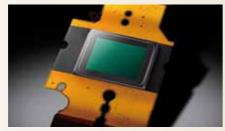


LUMIX G Image Quality—Basic Principles



High Image Quality with a 12.1-Megapixel Live MOS Sensor

The DMC-GF3's Live MOS sensor is advantageous for photo and video recording with its high S/N (Signal-to-Noise) ratio, which results in higher-quality images.



Large DSLR Sensor

High-Speed, Energy-Saving

Venus Engine FHD



The Venus Engine FHD achieves advanced signal processing with lower power consumption. The new advanced noise

reduction system realizes S/N improvement by approximately .3dB at both ISO3200 and ISO6400 settings, and improved color



reproduction in highsensitivity recording. The result is a picture with stunning clarity even in low-light situations.

Fast-Focusing DSLR Level Light Speed AF*



The DMC-GF3 boasts a Light Speed AF of approximately 0.1 second** to capture spur-of-the-moment opportunities in sharp focus.

*The time for focusing on the subject is measured with the LUMIX G VARIO HD 14-140mm / F4.0-5.8 ASPH. / MEGA O.I.S. (H-VS014140), the LUMIX G 14mm / F2.5 ASPH. (H-H014) and the LUMIX G VARIO 14-42mm / F3.5-5.6 ASPH. / MEGA O.I.S. (H-FS014042) to move the lens position to "2m" from "infinity" position. The zoom position is in

wide range. Panasonic measurement method.

** Approx. 0.1 sec with the LUMIX G VARIO HD 14-140mm / F4.0-5.8
ASPH. / MEGA O.I.S. (H-VS014140), approx. 0.18 sec with the LUMIX G 14mm / F2.5 ASPH. (H-H014) and the LUMIX G VARIO 14-42mm / F3.5-5.6 ASPH. / MEGA O.I.S. (H-FS014042).

To get the best AF performance with the DMC-GF3 and the LUMIX G VARIO HD 14-140mm / F4.0-5.8 ASPH. / MEGA 0.I.S. (H-VS014140), the firmware of the LUMIX G VARIO HD 14-140mm / F4.0-5.8 ASPH. / MEGA O.I.S. [H-VS014140] must be updated to ver. 1.3 or later





Captured Shot

Full HD Video Recording in AVCHD Format



The DMC-GF3 can record 1920 x 1080 videos in AVCHD format featuring almost

LVCHD twice the recording time in HD quality than Motion JPEG.

• AVCHD and the AVCHD logos are trademarks of Panasonic Corporation and Sony Corporation

Easy Video Recording with Full-Time Auto Focus

Video recording is more flexible with the DMC-GF3. Touch the screen, and the camera locks on and automatically "tracks" the subject as it moves and keeps on adjusting the focus settings for best results.

Dolby® Digital Creator High-Quality Sound



DOLBY. The microphone on the upper body records dynamic, true-to-life audio that

increases the power of your HD videos.

• Dolby and the double-D symbol are trademarks of Dolby Laboratories.



Literally Point to Shoot with Everything Right at Your Fingertips

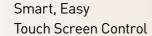










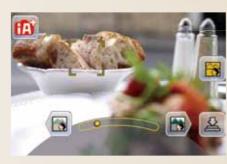


The 3.0-inch touch screen elevates operability more accurately and easily. It includes touch shutter, touch AF, touch



Make Your Photos More Creative with Touch Defocus

In the iA Plus Mode and the Creative Control Mode, the range of defocus can be adjusted by just moving the slider with your finger. This makes it easy to achieve soft focus.



Touch or use Control Dial

The New Control Dial **Enables Smooth Operation**

The new control dial gives you smooth, free control. Just turn it to choose or adjust the settings you want. It makes complicated settings fun and easy.



Adjusts with on-screen prompts

The Newly Designed GUI Offers More Intuitive Operation

The sophisticatedly designed GUI and easyto-understand icons allow easy shooting. Simply touch the icons to shoot the way







Make Your Photos More Creative, Just Like with a Full-Sized DSLR

iA Plus Mode with Easy Manual Adjustment



The iA (Intelligent Auto) Plus Mode will satisfy experienced photographers, yet is easy enough for beginners to

use comfortably in both photo and video recording. Defocusing area, exposure compensation and white balance can be adjusted for scenes where a slight manual adjustment may bring better results by just moving the slider with your finger.



Professional DSLR-Like effects with real-time visual feedback with a touch of the LCD.

Defocus The range of defocus can be adjusted to match your needs.

Brightness (Exposure Compensation)

You can adjust the exposure compensation accurately and easily.



(White Balance Adjustment)

You can adjust the white balance from warm red to cool blue.









Taken with Miniature Effect

Find a Unique Image with Creative Control Filters

The new Creative Control Mode is a special option that gives free rein to your creativity. It offers a total of 6 effects—newly added Miniature Effect, Expressive, Retro, High Key, Sepia and High Dynamic. This mode lets you enjoy making both photos and videos even more impressive.









with Photo Style

Create Your Own Way of Shooting

You can manually choose from 6 color types -Standard, Vivid, Natural, Monochrome, Scenery and Portrait—to get even more detailed image settings or to match the shooting situation. The contrast, sharpness, saturation or noise reduction for each mode parameter can also be customized in five steps with just a few touches.













Now Shoot Video and Stills Without Limits with the New Power Zoom X Series Hybrid Video / Still Lenses.



Explore the freedom of combined silent smooth video zooming and aperture-controlled still shooting without complications. The Panasonic LUMIX Power Zoom X Series Hybrid Video/ Still Lenses offer smooth silent operation via a power-controlled zoom, complete with LUMIX Powered Optical Image Stabilizers (POWER 0.I.S.) that minimize

the effects of hand shake during video or still shooting. Plus, LUMIX Nano Surface Coating provides razor-sharp still images complete with focus and aperture controls like that of today's sophisticated DSLRs.





LUMIX X 45-175mm F4-5.6 POWER O.I.S. POWER ZOOM LEVER AND FOCUS RING



LUMIX X 14-42mm F3.5-5.6 POWER O.I.S. POWER ZOOM AND FOCUS LEVERS









Wide Zoom Lens LUMIX G VARIO 7-14mm F4.0 ASPH. (H-F007014)



Standard Zoom Lenses

LUMIX G VARIO 14-42mm F3.5-5.6 ASPH. / MEGA 0.I.S. (H-FS014042



LUMIX G VARIO 14-45mm / F3.5-5.6 ASPH. / MEGA O.I.S. (H-FS014045)







Telephoto Zoom Lenses



Macro Lens LEICA DG MACRO-ELMARIT 45mm / F2.8 ASPH. / MEGA O.I.S. (H-ES045)

90mm (35mm camera equiv.)



3D Lens LUMIX G 12.5mm / F12 (H-FT012) *When setting the aspect ratio a 16:9 with the DMC-GF3.

 \bullet Four Thirds $^{\text{TM}}$ and Micro Four Thirds $^{\text{TM}}$ and Four Thirds and Micro Four Thirds Logo marks are trademarks or registered trademarks of Olympus Imaging Corporation, in Japan, the United States, the European Union and other countries.
• LEICA is a registered trademark of Leica Microsystems IR GmbH. The LEICA DG lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the



Single Focal Length Lenses LUMIX G FISHEYE 8mm /



LUMIX G 14mm / F2.5 ASPH. (H-H014)

F1.7 ASPH. (H-H020)









A Breakthrough in Size and Weight: Mirrorless Structure



The LUMIX G Micro System's mirrorless structure is extremely compact and lightweight, cutting the flange focal distance almost in half and reducing the body mount radius by 6mm. You get breathtaking pictures within a small camera, thanks to an image sensor that's identical in size to larger Four Thirds System standard cameras.



Optional Accessories

Filter / Protector

PL Filter ND Filter DMW-LPL46 DMW-I ND46 DMW-LPL52 DMW-LND52 DMW-LPL62 DMW-LND62 DMW-LPL67

company's quality standards.

MC Protector DMW-LMC46

DMW-LMC52 DMW-LMCH67



Mount Adaptor

DMW-MA1 for the Four Thirds System DMW-MA2M or M mount lens of Leica Camera AG

DMW-MA3R for R mount lens of Leica Camera AG

Battery Pack DMW-BLE9 NEW



HDMI Mini Cable





Included Software Makes Your Photos More Expressive

PHOTOfunSTUDIO 6.2 HD Edition

This software makes it possible to sort and organize photos and videos not only of those newly taken but also of those stored in your computer with quick start-up and fast read-in of images. You can upload photos to Facebook and videos to YouTube™ via this software, too.

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- Facebook and the Facebook logo are registered
- trademarks or trademarks of Facebook, Inc.
 YouTube is a trademark of Google Inc.

SILKYPIX® Developer Studio 3.1 SE

The DMC-GF3 records original image data in RAW file format. A number of highly advanced functions can be applied to these RAW images by using this software with its unique

combination of high resolution and extraordinary color separation performance

Super LoiLoScope (Trial Version)

You can easily edit, convert and manage videos that you took in AVCHD format. This helps to create the kind of videos you want and greatly adds to the fun after