

Response



LEICA DG NOCTICRON 42.5mm / F1.2 / POWER O.I.S.



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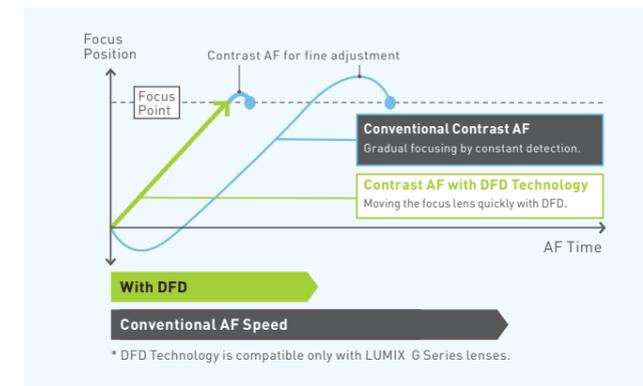
Have instant camera response at the precise moment you want to shoot.

Nimble and precise auto-focus combined with stunning live viewfinder quality. Superb operational response ensures everyone captures the perfect moment.

0.07 sec Contrast AF with DFD Technology

Find absolute sharpness in a split-second with Depth From Defocus (DFD) technology*1. Where traditional autofocus only analyses the contrasts in an image, DFD predicts your focal point by comparing two images with different depths of field, for better results in less time. All of this, using an ultra high-speed AF of approximately 0.07 sec*2. Also, thanks to its use of the Contrast AF system, when using a LUMIX G digital interchangeable lens, which is capable of digital signal communication at a maximum of 240 fps, focusing is fast and smooth.

*1 Contrast AF with DFD Technology works only with Panasonic Micro Four Thirds lenses.
*2 In AFS, with the LUMIX G VARIO 14-140mm / F3.5-5.6 ASPH. / POWER O.I.S.



High-Performance Burst Shooting

Burst shooting is much faster with the LUMIX G7 than the previous LUMIX G6, shooting 8 fps (AFS) or 6 fps (AFC) capturing fast-moving subjects in crystal-clear focus.

2,360k-dot High Speed LVF

The Live View Finder (LVF) features a 2,360k-dot OLED (Organic Light-Emitting Diode) display with superb response and contrast. Its capability of displaying fast-moving objects is outstanding, with a time lag which is nearly undetectable.



Accurate AF Tracking

AF tracking performance is also improved, by over 200% compared with predecessor Lumix G6, to help avoid losing sight of subjects. Its recognition of colour, size and motion of the target, helps locks on to subjects more securely, allowing you to concentrate on shooting without worrying about the focus.

Low Light AF

Low Light AF lets you focus on subjects more precisely without using the AF assist lamp in low-light situations down to -4 EV, which is the darkness of a starry sky. The LUMIX G7 also introduces the Starlight AF, which has the ability to auto focus on stars in the night sky.

0.5 sec Quick Start-up

Be ready to shoot in 0.5 sec*. Combining the LUMIX G7's high-speed, high-precision Light-Speed AF with this quick start-up, you won't miss those fleeting photo opportunities.

* With the H-FS1442A, based on the CIPA standard.





Other features

Multiple functions to help expand your shooting style.

Wi-Fi

The Wi-Fi function lets you use a smartphone or tablet device as a remote control for the ISO and white balance settings when shooting both photos and videos. Initial pairing is also easy by simply reading the QR code.



Also, the new direct uploading capability has been improved, making the process of sharing your images quick and easy.

Bright and Improved LCD Monitor

The LUMIX G7's LCD monitor secures higher visibility, improved from the LUMIX G6 by more than 50% of luminance. Now, it is much clearer with increased resolution and improved colour reproduction even in sunny outdoor situations.

Snap Movie Mode

The Snap Movie mode allows you to use rack focusing, or additional fade effects (colour in/out, white in/out) within a set period of time (2/4/8 sec). By using the Panasonic Image App in addition to the Snap Movie mode, you will be able to rearrange your videos, add music and easily share the edited videos.

Multiple Panorama Mode

With the LUMIX G7, you can shoot horizontal/vertical panoramic images, with either Standard (Image Quality Priority) mode or Wide (Angle of View Priority) mode. Also, you can add artistic expressions to images by using Creative Control.

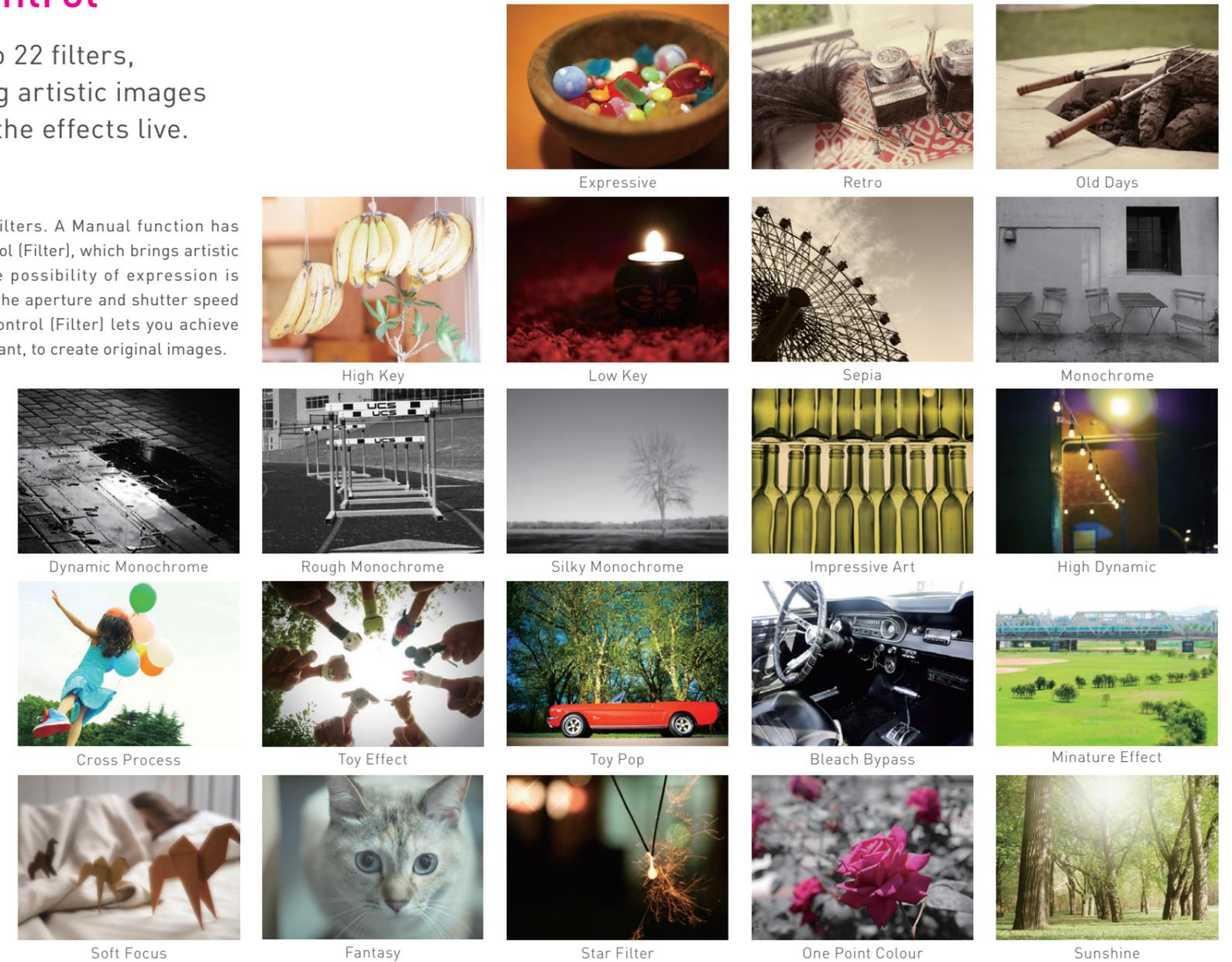
Creative Control

Choose from up to 22 filters, and shoot amazing artistic images while previewing the effects live.

Filters

Enjoy 22 types of creative filters. A Manual function has been added to Creative Control (Filter), which brings artistic effects to your photos. The possibility of expression is infinite with the flexibility of the aperture and shutter speed settings. Manual Creative Control (Filter) lets you achieve the exact visual effects you want, to create original images.

- Expressive
- Retro
- Old Days
- High Key
- Low Key
- Sepia
- Monochrome
- Dynamic Monochrome
- Rough Monochrome
- Silky Monochrome
- Impressive Art
- High Dynamic
- Cross Process
- Toy Effect
- Toy Pop
- Bleach Bypass
- Miniature Effect
- Soft Focus
- Fantasy
- Star Filter
- One Point Colour
- Sunshine



An exquisite body devoted to purity of function.

Natural simplicity was the defining principle behind the design. The elegance you see comes from having every feature where you wish it to be. Such design purity includes nothing more than the essential.

A body with a snug, reassuring grip.



- 01. Self-timer indicator/AF Assist Lamp
- 02. Flash
- 03. [MIC] socket
- 04. Lens release button
- 05. Lens lock pin
- 06. Tripod mount
- 07. Sensor
- 08. Mount
- 09. Lens fitting mark
- 10. Card/Battery door
- 11. Release lever
- 12. DC coupler cover
- 13. [AV OUT/DIGITAL] socket
- 14. [HDMI] socket
- 15. [REMOTE] socket

Dials designed for intuitive, easy operation.



- 16. Shoulder strap eyelet
- 17. Stereo microphone
- 18. Mode dial
- 19. [Exposure Compensation] button/[Fn1] button
- 20. Shutter button
- 21. Front dial
- 22. Rear dial
- 23. [Fn11] button
- 24. Motion picture button
- 25. Focus distance reference mark
- 26. Status indicator/Wi-Fi® connection lamp
- 27. Camera ON/OFF switch
- 28. Hot shoe (Hot shoe cover)
- 29. Drive mode dial

Single / Burst / 4K Photo / Auto Bracket / Self-timer / Time Lapse/Animation

Front / Rear Dual Dial

The front / rear dials can customise the allocation of functions as well as on the Fn buttons. Settings can also be temporarily changed with the Fn button (Dial operation switch) in the centre of the rear dial.



Aperture and shutter speed

Useful when trying many depths of fields.



Dial operation switch

Temporarily change the settings by pressing the dial operation switch.



White Balance and ISO

Useful when taking scenes with complex lighting and contrast.



An easy-view monitor and finder to ensure you devote full attention to only the subject.



- 30. [LVF] button/[Fn5] button
- 31. Flash open button
- 32. Diopter adjustment dial
- 33. Eye sensor
- 34. Viewfinder
- 35. Eye cup
- 36. [AF/AE LOCK] button
- 37. Focus mode lever
- 38. Speaker
- 39. [DISP.] button
- 40. Cursor buttons
- ISO Sensitivity / White Balance / Auto Focus Mode / [Fn3]
- 41. [MENU/SET] button
- 42. Delete/Cancel button / [Fn4] button
- 43. Playback button
- 44. [Q.MENU] button/[Fn2] button
- 45. Free-angle touch screen/monitor

Express yourself through photography, using interchangeable lenses

LUMIX G 20mm / F1.7 II ASPH. (H-H020A)

LUMIX G 42.5mm / F1.7 ASPH. / POWER O.I.S. (H-HS043)

LUMIX G VARIO 14-140mm / F3.5-5.6 ASPH. / POWER O.I.S. (H-FS14140)

LUMIX G VARIO 45-150mm / F4.0-5.6 ASPH. / MEGA O.I.S. (H-FS45150)

LUMIX G MACRO 30mm / F2.8 ASPH. / MEGA O.I.S. (H-HS030)

Single Focal Length Lenses

LEICA DG SUMMILUX 25mm / F1.4 ASPH. (H-X025)

LEICA DG NOCTICRON 42.5mm / F1.2 ASPH. / POWER O.I.S. (H-NS043)

LEICA DG SUMMILUX 15mm / F1.7 ASPH. (H-X015)

Standard Zoom Lenses

LUMIX G 14mm / F2.5 II ASPH. (H-H014A)

LUMIX G X VARIO 12-35mm / F2.8 ASPH. / POWER O.I.S. (H-HS12035)

LUMIX G VARIO 12-32mm / F3.5-5.6 ASPH. / MEGA O.I.S. (H-FS12032)

LUMIX G VARIO 14-42mm / F3.5-5.6 ASPH. / POWER O.I.S. (H-PS14042)

LUMIX G X VARIO PZ 14-42mm / F3.5-5.6 ASPH. / MEGA O.I.S. (H-PS14042)

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

Telephoto Zoom Lenses

LUMIX G X VARIO 35-100mm / F2.8 / POWER O.I.S. (H-HS35100)

LUMIX G X VARIO PZ 45-175mm / F4.0-5.6 ASPH. / POWER O.I.S. (H-PS45175)

LUMIX G VARIO 100-300mm / F4.0-5.6 / MEGA O.I.S. (H-FS100300)

Macro Lenses

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

Wide-Angle Zoom Lenses

LUMIX G VARIO 7-14mm / F4.0 ASPH. (H-F007014)

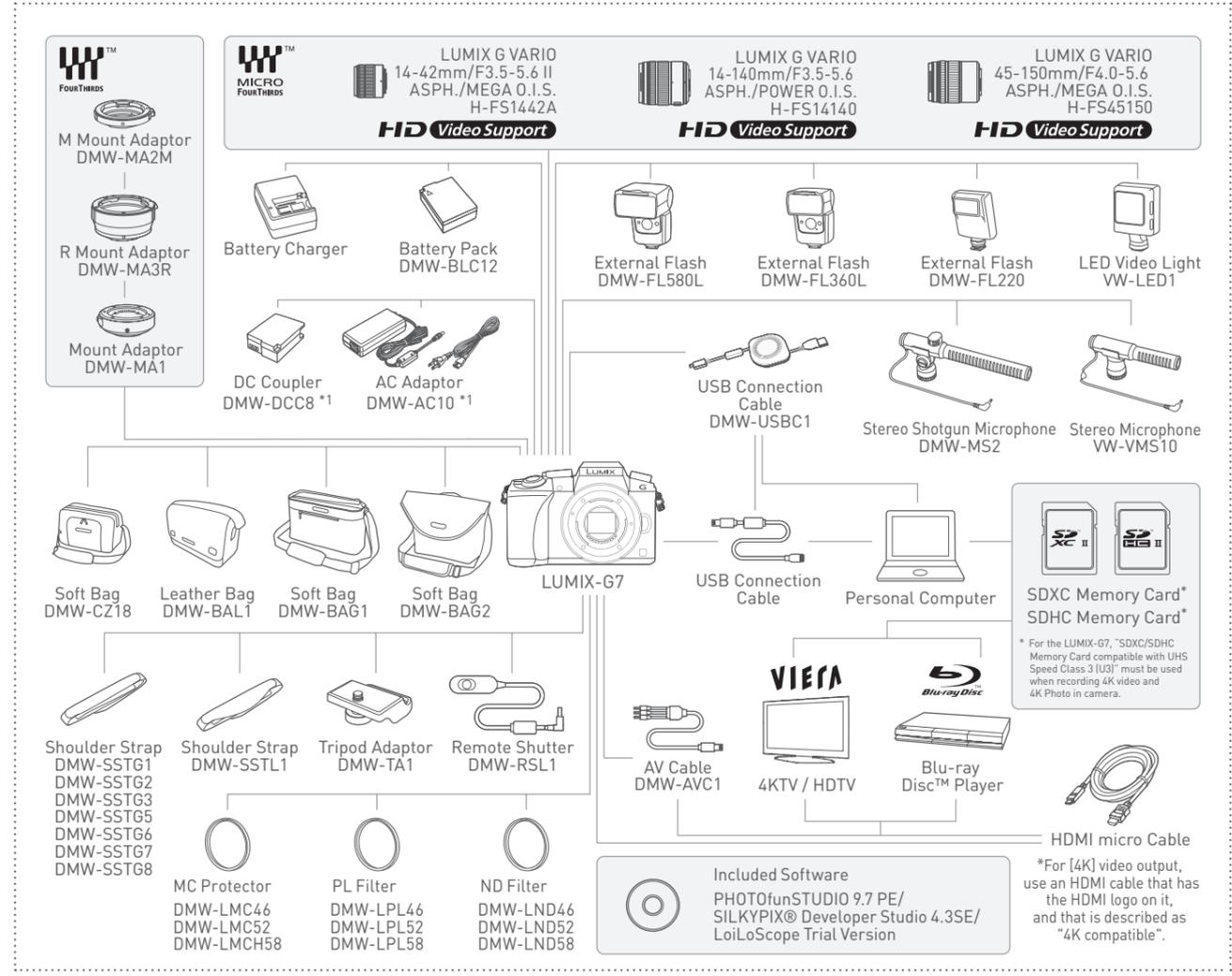
Fisheye Lens

LUMIX G FISHEYE 8mm / F3.5 (H-F008)

3D Lens

LUMIX G 12.5mm F12 (H-FT012)

System Chart



Included Software Makes Your Photos and Videos More Expressive

PHOTOfunSTUDIO 9.7 PE

This software makes it possible to sort and organise 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™ or Facebook™ via this software, too.

- YouTube is a registered trademark or trademark of Google Inc.
- Facebook is a registered trademark or trademark of Facebook, Inc.

SILKYPIX® Developer Studio 4.3 SE

The DMC-G7 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 colour separation performance.

LoiLoScope (Trial Version)

You can easily edit, convert and manage videos that you took in AVCHD format. And there are many effects to choose from. This helps to create the kind of videos you want and greatly adds to the fun after shooting.

*1 The DMW-AC10 AC Adaptor requires the DMW-DCC8 DC coupler. The DMW-DCC8 DC coupler requires the DMW-AC10 AC Adaptor. *Some functions of LUMIX-G7 cannot be used when mounting the Four Thirds lenses with the DMW-MA1 Mount Adaptor or the LEICA M or R lenses with the DMW-MA2M or DMW-MA3R Mount Adaptor. *Leica is a registered trademark of Leica Microsystems IR GmbH. *When a lens that does not support the Contrast AF function is mounted, operation will automatically switch to manual focus. *Confirm the operation information of compatible lenses at Customer Support <http://panasonic.jp/support/global/cs/dsc> [English]. *For detailed information about the lenses made by SIGMA, OLYMPUS, LEICA, COSINA, KENKO TOKINA, KOWA and TAMRON, please see each company's website. *Batteries made by other companies which 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.jp/support/global/cs/info/battery.html> [English]. *The SDXC/SDHC Memory Cards can be used only if their logos are indicated on the equipment or in the operation manual. They cannot be used with equipment that supports only the SD Memory Card.

Optional Accessories

External Flash / LED Video Light  <p>DMW-FL360L DMW-FL580L VW-LED1</p>		Microphone  <p>Stereo Shotgun Microphone DMW-MS2 Stereo Microphone VW-VMS10</p>		Battery / AC Power  <p>Battery DMW-BLC12 DC Coupler DMW-DCC8 AC Adaptor DMW-AC10</p>			
Remote Shutter  <p>DMW-RSL1</p>		AV Cable / USB Cable  <p>AV Cable DMW-AVC1 USB Connection Cable DMW-USBC1</p>		Lens Adaptor  <p>Micro Four Third Lens DMW-MA1 LEICA M Lens DMW-MA2M LEICA R Lens DMW-MA3R</p>		Filter / Protector  <p>PL Filter ND Filter MC Protector</p>	
SD Memory Card <p>Read: up to 95MB/s Write: up to 95MB/s 128GB: RP-SDUC128 AK 64GB: RP-SDUC64 GAK 32GB: RP-SDUC32 GAK</p>  <p>•The UHS Speed Class3 (U3) mode write speed is only possible when using with the U3 compliant host devices. •MB/s = 1,000,000 bytes/s •SDHC, SDXC Logos are trademarks of SD-3C,LLC.</p>		Bag  <p>DMW-BAG1 DMW-BAG2-A/C/R DMW-CZ18</p>		Shoulder Strap  <p>DMW-SSTG1/2/3/5/6/7/8</p>			

Specifications

TYPE	Type	Digital Single Lens Mirrorless camera	
	Recording media	SD Memory Card, SDHC Memory Card, SDXC Memory Card(Compatible with UHS-I / UHS-II UHS Speed Class 3 standard SDHC / SDXC Memory Cards)	
IMAGE SENSOR	Image sensor size	17.3 x 13.0 mm [in 4:3 aspect ratio]	
	Lens mount	Micro Four Thirds mount	
	Type	Live MOS Sensor	
	Total pixels	16.84 Megapixels	
RECORDING SYSTEM	Colour filter	Primary colour filter	
	Dial reduction system	Supermicrowave filter	
	Recording file format	Still image: JPEG [DCF, Evf 1, 2], RAW: MPO (When attaching 3D lens in Micro Four Thirds system standard) Motion picture: AVCHD [Audio format: Dolby Digital 2ch, MP4 (Audio format AAC 2ch)]	
	Aspect ratio	4.3, 3.2, 16.9, 1:1	
	Image quality	RAW, RAW+Fine, RAW+Standard, Fine, Standard MPO+Fine / MPO+Standard (with 3D lens in Micro Four Thirds system standard)	
	Color space	sRGB, AdobeRGB	
	File size (Pixels)	Still image: [4:3] 4592x3448(L) / 3232x2424(M) / 2272x1704(S) / 1824x1368 (When attaching 3D lens in Micro Four Thirds system standard) [3:2] 4592x3064(L) / 3232x2400(M) / 2272x1520(S) / 1824x1216 (When attaching 3D lens in Micro Four Thirds system standard) [16:9] 3232x2048(L) / 2880x1920(M) / 1920x1080(S) / 1824x1024 (When attaching 3D lens in Micro Four Thirds system standard) [1:1] 3424x3424(L) / 2416x2416(M) / 1712x1712(S) / 1712x1712 (When attaching 3D lens in Micro Four Thirds system standard)	
	Motion picture*	MP4*	NTSC area: [4K] 3840x2160 4K/30p: 100Mbps 4K/24p: 100Mbps [Full HD] 1920x1080 FHD/60p: 28Mbps FHD/30p: 20Mbps [HD] 1280x720 HD/30p: 10Mbps VGA/60p: 4Mbps PAL area: [4K] 3840x2160 4K/25p: 100Mbps 4K/24p: 100Mbps [Full HD] 1920x1080 FHD/50p: 28Mbps FHD/25p: 20Mbps [HD] 1280x720 HD/25p: 10Mbps VGA/60p: 4Mbps AVCHD* NTSC area: [Full HD] 1920x1080 FHD/60p: 28Mbps, 60p recording FHD/60i: 17Mbps, 60i recording FHD/30p: 24Mbps, 60i recording [sensor output is 30fps] FHD/24p: 24Mbps PAL area: [Full HD] 1920x1080 FHD/50p: 28Mbps, 50p recording FHD/50i: 17Mbps, 50i recording FHD/25p: 24Mbps, 50i recording [sensor output is 25fps] FHD/24p: 24Mbps
		NTSC area	Continuous recordable time (Motion picture) AVCHD [FHD/60i, FHD/50i]: Approx. 130 min (rear monitor), 140 min (LVF) with H-FS1442A AVCHD [FHD/60p, FHD/50p]: Approx. 130 min (rear monitor), 130 min (LVF) with H-FS14140 AVCHD [FHD/60i, FHD/50i]: Approx. 130 min (rear monitor), 140 min (LVF) with H-FS45150 MP4 [4K/30p, 4K/25p]: Approx. 100 min (rear monitor), 100 min (LVF) with H-FS1442A MP4 [4K/30p, 4K/25p]: Approx. 100 min (rear monitor), 100 min (LVF) with H-FS14140 MP4 [4K/30p, 4K/25p]: Approx. 100 min (rear monitor), 110 min (LVF) with H-FS45150 Actual recordable time (Motion picture) AVCHD [FHD/60i, FHD/50i]: Approx. 65 min (rear monitor), 70 min (LVF) with H-FS1442A AVCHD [FHD/60p, FHD/50p]: Approx. 65 min (rear monitor), 65 min (LVF) with H-FS14140 AVCHD [FHD/60i, FHD/50i]: Approx. 65 min (rear monitor), 70 min (LVF) with H-FS45150 MP4 [4K/30p, 4K/25p]: Approx. 50 min (rear monitor), 50 min (LVF) with H-FS1442A MP4 [4K/30p, 4K/25p]: Approx. 50 min (rear monitor), 50 min (LVF) with H-FS14140 MP4 [4K/30p, 4K/25p]: Approx. 50 min (rear monitor), 55 min (LVF) with H-FS45150
	Wi-Fi FUNCTION	Wi-Fi: IEEE 802.11b/g/n, 2412 MHz - 2462 MHz (1-11 ch), Wi-Fi / WPA / WPA2, Infrastructure mode NFC: No QR code connection: Yes Password-less connection: Yes (ON / OFF selectable)	
VIEWFINDER	Type	OLED Live View Finder (2,360k dots)	
	Field of view	Approx. 100%	
FOCUS	Focus mode	AF-S [Single] / AF-F [Flexible] / AFC [Continuous] / MF	
	AF mode	Face/Eye Detection / Tracking / 49-Area / Custom Multi / 1-Area / Pinpoint (Full area touch is available)	
EXPOSURE CONTROL	Light metering system	1728-zone multi-pattern sensing system	
	Light metering mode	Multiple / Centre Weighted / Spot	
WHITE BALANCE	White balance	Auto / Daylight / Cloudy / Shade / Incandescent / Flash / White Set 1, 2, 3, 4 / Color temperature setting	
	Colour temperature setting	2500 - 10000K in 100K	
SHUTTER	Type	3 exposures in blue/amber axis or in magenta/green axis	
	Shutter speed	Still image: Bulb (Max. 2 minutes), 1/4, 000 - 60 Motion picture: 1/16,000 - 1/25 Electronic shutter: 1/16,000 - 1	
SCENE GUIDE	Still image	Clear Portrait / Silky Skin / Backlit Softness / Clear in Backlight / Relaxing Tone / Sweet Child's Face / Distinct Scenery / Bright Blue Sky / Romantic Sunset Glow / Vivid Sunset Glow / Clear Night Sky / Warm Glowing Nightcape / Artistic Nightcape / Handheld Night Shot / Clear Night Portrait / Soft Image of a Flower / Appetising Food / Cute Dessert / Freeze Animal Motion / Clear Sports Shot / Monochrome	
	Motion picture	Clear Portrait / Silky Skin / Backlit Softness / Clear in Backlight / Relaxing Tone / Sweet Child's Face / Distinct Scenery / Bright Blue Sky / Romantic Sunset Glow / Vivid Sunset Glow / Clear Night Sky / Warm Glowing Nightcape / Artistic Nightcape / Handheld Night Shot / Clear Night Portrait / Appetising Food / Cute Dessert / Freeze Animal Motion / Clear Sports Shot / Monochrome	
PANORAMA SHOT		Yes [Standard / Wide]	
BURST SHOOTING	Burst speed	Mechanical shutter: H: 8 frames/sec (with AF), 6 frames/sec (with AFC, in 1-area-focusing AF mode), M: 6 frames/sec (with Live View), L: 2 frames/sec (with Live View) Electronic shutter: SH: 40 frames/sec, H: 10 frames/sec, M: 6 frames/sec (with Live View), L: 2 frames/sec (with Live View)	
	Number of recordable images	More than 13 images (when there are RAW files with the particular speed) More than 100 images (when there are no RAW files) (Depending on memory card type, aspect, picture size and compression)	

4K PHOTO MODE	4K Photo mode*	4K Pre-Burst: 30 frames/sec, approx. 2 seconds 4K Burst: 30 frames/sec, max. 29 minutes 59 seconds 4K Burst (S/S): 30 frames/sec, max. 29 minutes 59 seconds (depending on memory card size and battery power)
	Exif information	Yes
TIME LAPSE SHOT	Selectable aspect ratio	Yes [4.3 / 3.2 / 16.9 / 1:1 are selectable]
	Exposure mode	Program AE / Aperture-Priority / Shutter-Priority / Manual Exposure
STOP MOTION ANIMATION	Marking function	Yes [in 4K Burst (S/S) mode]
	Flash mode	Auto*, Auto/Red-eye Reduction*, Forced On, Forced On/Red-eye Reduction, Slow Sync., Slow Sync./Red-eye Reduction, Forced Off* For iA, iA-x only.
FLASH	Synchronisation speed	Less than 1/160 second
	Flash output adjustment	1/3EV step ±3EV
SILENT MODE	Flash synchronisation	1st. Curtain Sync., 2nd. Curtain Sync.
	Synchronisation for flash dimming and exposure compensation	Yes
REAR MONITOR	Type	TFT LCD monitor with static touch control
	Monitor size	Free-angle 3.0-inch / 3.2 aspect / Wide viewing angle
LIVE VIEW	Pixels	Approx. 1,040k dots
	Field of view	Approx. 100%
DIRECTION DETECTION FUNCTION	Monitor adjustment	Brightness, Contrast, Saturation, Red-Green, Blue-Yellow
	Digital zoom	G7: OFF, 2x, 4x G70: OFF, 2x
FUNCTION BUTTON	Extra Tele Conversion	Still image: Max. 2x Motion picture: 2.4x (FHD), 3.6x (HD), 4.8x (VGA)
	Other functions	Level Gauge, Real-time Histogram, Guide Lines (3 patterns), Center Marker, Highlight display (Still image / motion picture), Zebra pattern (Still image / motion picture)
PHOTO STYLE	Exposure Comp. / Wi-Fi / Q MENU / LVF/Monitor Switch / AF/AE LOCK / AF-ON / Preview / One Push AE / Touch AE / Level Gauge / Focus Area Set / Zoom Control / Cursor Button Lock / Dial Operation Switch / Photo Style / Filter Select / Aspect Ratio / Picture Size / Quality / AFS/AFF / Metering Mode / Burst Rate / 4K PHOTO / Auto Bracket / Self Timer / Highlight Shadow / i. Dynamic / i. Resolution / HDR / Electronic Shutter / Flash Mode / Flash / Ex. Tele Conv. / Digital Zoom / Stabilizer / Snap Movie / Motion Pic. Set / Picture Mode / Mic. Directivity Adjust / Silent Mode / Peaking / Histogram / Guide Line / Zebra Pattern / Monochrome Live View / Rec Area / Step Zoom / Zoom Speed / Touch Screen / Sensitivity / White Balance / AF Mode/MP / Restore to Default	Yes
	Standard / Vivid / Natural / Monochrome / Scenery / Portrait / Custom / Cinelike D* / Cinelike V* *When Creative Video Mode is selected.	
CREATIVE CONTROL	Still image	Expressive / Retro / Old Days / High Key / Low Key / Sepia / Monochrome / Dynamic Monochrome / Rough Monochrome / Silky Monochrome / Impressive Art / High Dynamic / Cross Process / Toy Effect / Toy Pop / Bleach Bypass / Miniature Effect / Soft Focus / Fantasy / Star Filter / One Point Colour / Sunshine
	Motion picture	Impressive / Retro / Old Days / High Key / Low Key / Sepia / Monochrome / Dynamic Monochrome / Impressive Art / High Dynamic / Cross Process / Toy Effect / Toy Pop / Bleach Bypass / Miniature Effect / Fantasy / One Point Colour
CREATIVE VIDEO MODE	Exposure mode	Program AE / Aperture-Priority / Shutter-Priority / Manual Exposure
	Cineline gamma	Cineline D / Cineline V
MOTION PICTURE FUNCTION	Flicker reduction	[1/50] / [1/60] / [1/100] / [1/120] / OFF
	Playback function	3.0-inch thumbnail display, 12-inch thumbnail display, Calendar display, Zoomed playback (Max. 16x), Slideshow (All / Picture Only / Video Only / 4K PHOTO / 3D / Category Selection / Favourite), duration & effect is selectable, Playback Mode (Normal / Picture / Video / 4K PHOTO / 3D Play / Category / Favourite), Location Logging, RAW Processing, Clear Retouch, Title Edit, Text Stamp, Video Divide, Time Lapse Video, Stop Motion Video, Resize, Cropping, Rotate, Retouch, Favourite, DPOF Print Set, Protect, Face Recognition Edit, Picture Sort, Creating Still Pictures from a Motion Picture
IMAGE PROTECTION / ERASE	Protection	Single / Multi
	Erase	Single / Multi / All / Except Favorite
PRINT	Print/bridge compatible	Yes
	USB	USB 2.0 High Speed Multi
INTERFACE	HDMI**	microHDMI TypeD / VIERA Link Video: Auto / 4K / 1080p / 720p / 480p / 576p in PAL system / Audio: Stereo
	Audio video output	Monaural Type, NTSC/PAL, NTSC only for NTSC area *Check the website of the Panasonic sales company in your country or region for details on the products that are available in your market.
LANGUAGE	Remote input	2.5 mm for remote
	External microphone input	3.5 mm for external microphone Stereo/Lens Auto/Shotgun/Super Shotgun/ Manual is selectable when attaching DMW-MS2 (optional).
POWER	Internal microphone	Wind noise canceller High / [Standard] / [Off]
	External microphone	Wind cut [High] / [Standard] / [Low] / [Off]
DIMENSIONS / WEIGHT	Speaker	Monaural
	OSD language	Japanese, English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Netherlandic, Turkish, Portuguese, Finnish, Danish, Swedish, Greek, Chinese (Traditional), Chinese (Simplified), Thai, Arabic, Persian, Vietnamese, Russian, Korean
OPERATING ENVIRONMENT	Battery	Li-ion Battery Pack (7.2V, 1200mAh, 8.7Wh) [Included]
	Battery life (CIPA standard)	Approx. 360 images with H-FS1442A Approx. 350 images with H-FS14140 Approx. 350 images with H-FS45150
STANDARD ACCESSORIES	Dimensions (W x H x D)	124 x 86.2 x 77.4 mm / 4.92 x 3.39 x 3.05 inch (excluding protrusions)
	Weight	Approx. 415g / 0.90 lb (SD card, Battery, Body) Approx. 365g / 0.79 lb (Body only) Approx. 520g / 1.15 lb (SD card, Battery, H-FS1442A lens included) Approx. 675g / 1.49 lb (SD card, Battery, H-FS14140 lens included) Approx. 815g / 1.84 lb (SD card, Battery, H-FS45150 lens included) Approx. 720g / 1.59 lb (SD card, Battery, H-FS1442A + H-FS45150 lenses included)
SOFTWARE	Operating temperature	0 to 40 [32°F to 104°F]
	Operating humidity	10%RH to 80RH
Standard accessories	Software	PHOTOHUBSTUDIO 9.7 PE [Windows Vista / Windows 7 / Windows 8 / Windows 8.1] SLIKPIX® Developer Studio 4.3 SE [Windows Vista / Windows 7 / Windows 8 / Windows 8.1, Mac OS X 10.5 - 10.10 LiLiScope [Trial version] [Windows Vista / Windows 7 / Windows 8 / Windows 8.1]
	Standard accessories	DMC-G7 Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD-ROM, AC Cable* DMC-G7K Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD-ROM, AC Cable*, Lens Hood, Lens Cap, Lens Rear Cap DMC-G7KH Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD-ROM, AC Cable*, Lens Hood, Lens Cap, Lens Rear Cap DMC-G7K Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD-ROM, AC Cable*, Lens Hood x 2, Lens Cap x 2, Lens Rear Cap x 2 DMC-G7K Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD, AC Cable*, Lens Hood, Lens Cap, Lens Rear Cap DMC-G7KH Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD, AC Cable*, Lens Hood, Lens Cap, Lens Rear Cap DMC-G7KH Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD, AC Cable*, Lens Hood, Lens Cap, Lens Rear Cap DMC-G7KH Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD, AC Cable*, Lens Hood, Lens Cap, Lens Rear Cap DMC-G7KH Kit Hot Shoe Cover, Body Cap, Battery Pack, Battery Charger, USB Connection Cable, Shoulder Strap, DVD, AC Cable*, Lens Hood x 2, Lens Cap x 2, Lens Rear Cap x 2
*About motion picture recording / 4K Photo recording		
**For [4K] video output, use an HDMI cable that has the HDMI logo on it, and that is described as "4K compatible".		