Metrics	Dimensions (W x H x D)	105.5 x 60 x 42 mm/(4.15 x 2.36 x 1.65 inch)
	Weight	Approx. 310 g with Battery and SD Memory Card (0.68 lb)/Approx. 280 g without Battery and SD Memory Card (0.62 lb)
Pixels	Camera Effective Pixels	20.1 Megapixels
Sensor	Sensor Size / Total Pixels / Filter	1-type High Sensitivity MOS Sensor / 20.9 Total Megapixels / Primary Color Filter
Lens	Aperture	F1.4 - 2.8 / 9 Diaphragm Blades (F1.4 - 11.0 (W), F2.8 - 11.0 (T))
	Optical Zoom	3x
	Focal Length	f = 8.8 - 26.4mm/(26 - 78mm in 35mm equiv. in 4:3)/(24 - 72mm in 35mm equiv. in 3:2)/(25 - 75mm in 35mm equiv. in 16:9)/(31 - 93mm in 35mm equiv. in 1:1)/(36 - 108mm in 35mm equiv. in 4:3 4K PHOTO recording)/(36 - 108mm in 35mm equiv. in 3:2 4K PHOTO recording)/(36 - 108mm in 35mm equiv. in 16:9 4K PHOTO recording)/(38 - 114mm in 35mm equiv. in 1:1 4K PHOTO recording)/(25 - 75mm in 35mm equiv. in 16:9 video recording / O.I.S. Off / Level Shot function Off)/(27 - 81mm in 35mm equiv. in 16:9 video recording / O.I.S. On / Level Shot function Off)/(30 - 90mm in 35mm equiv. in 16:9 video recording / O.I.S. On / Level Shot function On)/(36 - 108mm in 35mm equiv. in 4K video recording)
	Extra Optical Zoom (EZ)	4.2x (3:2 / 10M (M)), 6x (3:2 / 5M (S))
	Intelligent Zoom	6x
	Lens	LEICA DC VARIO-SUMMILUX/11 elements in 9 groups/(4 aspherical lenses (dual-sided aspherical surfaces) / 2 aspherical ED lenses (dual-sided aspherical surfaces) / 1 UHR lens)
	Optical Image Stabilizer	5-Axis HYBRID O.I.S. +*/* 5-Axis compensation works in video recording except for 4K video or high-speed video recording.
	Digital Zoom	Max. 4x (When Digital Zoom is used simultaneously with Intelligent Zoom, you can only increase the zoom ratio up to 2x.)
Focus	Focusing Area	Normal: Wide 30 cm - infinity / Tele 30 cm - infinity/AF Macro / MF / Intelligent Auto / Motion Picture: Wide 3 cm - infinity / Tele 30 cm - infinity
	Focus Stacking	Yes

	AF Assist Lamp	Yes (On / Off)
	Focus	AF / AF Macro / Macro Zoom * Each available with AFS (Single) / AFF (Flexible) / AFC (Continuous) / MF/Quick AF, Continuous AF (during motion picture recording), Touch AF/AE Function, Touch Shutter, MF Assist, Touch MF Assist, AF+MF, Focus Peaking, One Shot AF (Set the Fn button in custom menu to AF-ON), Low Light AF, Starlight AF
	Post Focus	Yes
	AF Metering	Face/Eye Detection / Tracking / 49-area / Custom Multi / 1-area / Pinpoint/(Full area touch is available)
Shutter	Shutter Speed [Still Image]	Approx. 60 - 1/4,000 sec (Mechanical Shutter)/Approx. 1 - 1/16,000 sec (Electronic Shutter)/Time (Approx. 120 sec)
	Shutter Speed [Motion Picture]	Approx. 1/25 - 1/16,000 sec/Approx. 1/2 - 1/16,000 sec (Creative Video M Mode / MF Mode)
Finder	Viewfinder	-
File	File Format	Still Image: JPEG (DCF/Exif2.3) / RAW, DPOF/Motion Picture: AVCHD Progressive, AVCHD, MP4
Recording Modes	Mode Dial	Intelligent Auto, P, A, S, M, Creative Video, C (Custom), Panorama Shot, Scene Guide, Creative Control
	Creative Control mode	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 Color, Sunshine (22 filters)
	Still Image Scene Guide	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, Glistening Water, Clear Nightscape, Cool Night Sky, Warm Glowing Nightscape, Artistic Nightscape, Glittering Illuminations, Handheld Night Shot, Clear Night Portrait, Soft Image of a Flower, Appetizing Food, Cute Dessert, Freeze Animal Motion, Clear Sports Shot, Monochrome
	Continuous Shooting Mode (Approx.)	[AFS] SH: 50 frames/sec*, H: 10 frames/sec, M: 6 frames/sec (with Live View), L: 2 frames/sec (with Live View) [AFC] H: 6 frames/sec, M: 6 frames/sec (with Live View), L: 2 frames/sec (with Live View) * Electronic shutter only.
	4K Photo Mode (*2)	4K Burst: 30 frames/sec, max. 15 min/4K Burst (S/S): 30 frames/sec, max. 15 min/4K Pre-Burst: 30 frames/sec, approx. 2 sec/(Depending on memory card size and battery power)/Exif Information: Yes/Marking Function: Yes (in 4K Burst (S/S) mode)
Motion Picture Recording (*2)	4K Video	3840 x 2160 pixels, 30p (4K: 100Mbps / MP4) (Sensor Output is 30fps) (AAC)/3840 x 2160 pixels, 25p (4K: 100Mbps / MP4) (Sensor Output is 25fps) (AAC)/3840 x 2160 pixels, 24p (4K: 100Mbps / MP4) (Sensor Output is 24fps) (AAC)
	HD Video	1920 x 1080 pixels, 50p (FHD: 28Mbps / AVCHD) (Sensor Output is 50fps) (Dolby)/1920 x 1080 pixels, 24p (FHD: 24Mbps / AVCHD) (Sensor Output is 24fps) (Dolby)/1920 x 1080 pixels, 50i (FHD: 24Mbps / AVCHD) (Sensor Output is 25fps) (Dolby)/1920 x 1080 pixels, 50i

		(FHD: 17Mbps / AVCHD) (Sensor Output is 50fps) (Dolby)/1920 x 1080 pixels, 60p (FHD: 28Mbps / MP4) (Sensor Output is 60fps) (AAC)/1920 x 1080 pixels, 50p (FHD: 28Mbps / MP4) (Sensor Output is 50fps) (AAC)/1920 x 1080 pixels, 30p (FHD: 20Mbps / MP4) (Sensor Output is 30fps) (AAC)/1920 x 1080 pixels, 25p (FHD: 20Mbps / MP4) (Sensor Output is 25fps) (AAC)/1280 x 720 pixels, 30p (HD: 10Mbps / MP4) (Sensor Output is 30fps) (AAC)/1280 x 720 pixels, 25p (HD: 10Mbps / MP4) (Sensor Output is 25fps) (AAC)
	High Speed Video	1920 x 1080 pixels, 30p (FHD: MP4) (Sensor Output is 120fps)/1920 x 1080 pixels, 25p (FHD: MP4) (Sensor Output is 100fps)
Continuous Recordable Time (Motion Pictures) (*2)	AVCHD	FHD/50p: Approx. 70 min/FHD/50i: Approx. 70 min
	MP4	4K/30p, 4K/25p: Approx. 60 min/FHD/60p, FHD/50p: Approx. 70 min
Actual recordable Time (Motion Pictures) (*2)	AVCHD	FHD/50p: Approx. 35 min/FHD/50i: Approx. 35 min
	MP4	4K/30p, 4K/25p: Approx. 30 min/FHD/60p, FHD/50p: Approx. 35 min
Exposure Parameters	Exposure	Program AE, Aperture Priority AE, Shutter Priority AE, Manual
	Exposure Compensation	1/3 EV step, +/-5 EV (+/-3 EV for motion picture)
	Light Metering	Intelligent Multiple / Center Weighted / Spot
	ISO Sensitivity	Still Image: Auto / i.ISO / 80* / 100* / 125 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800 / 25600*/Motion Picture: Auto / 125 / 200 / 400 / 800 / 1600 / 3200 / 6400/(Changeable to 1/3 EV step)/* Extended ISO
Picture Quality	Still Picture Recording	[4:3] 4864x3648 (17.5M) (L) / 3456x2592 (9M) (M) / 2432x1824 (4.5M) (S)/[3:2] 5472x3648 (20M) (L) / 3888x2592 (10M) (M) / 2736x1824 (5M) (S)/[16:9] 5472x3080 (17M) (L) / 3840x2160 (8M) (M) / 1920x1080 (2M) (S)/[1:1] 3648x3648 (13.5M) (L) / 2592x2592 (6.5M) (M) / 1824x1824 (3.5M) (S)
	Image Quality	RAW / RAW+Fine / RAW+Standard / Fine / Standard
	White Balance	Auto / Daylight / Cloudy / Shade / Incandescent / Flash / White Set1 / White Set2 / White Set3 / White Set4 / Color Temperature/(2-axis adjustable)
	Photo Style	Standard, Vivid, Natural, Monochrome, Scenery, Portrait, Custom
	Picture Adjustment	Contrast, Sharpness, Noise Reduction, Saturation*, Color Tone**, Filter Effect**/* Except for Monochrome mode. ** For Monochrome mode only.
Bracket	AE Bracket	3, 5, 7 images in 1/3, 2/3 or 1 EV step, Max. +/-3 EV
	Aperture Bracket	3, 5 or all positions in 1 EV step
	Focus Bracket	1 to 999 images, focus steps can be set in 5 levels

	White Balance Bracket	3 exposures in blue/amber axis or in magenta/green axis
Other	Digital Red Eye Correction (Red-Eye Removal)	Yes (On / Off)
	GPS	-
	Wi-FI	IEEE 802.11b/g/n/2412 MHz - 2462 MHz (1-11 ch)/WPA / WPA2/Infrastructure Mode / WPS
	NFC	-
	Zoom in Motion Picture	Yes
	Self Timer	2 sec / 10 sec / 10 sec (3 images)
	Self Shot Mode	Yes
Display	Playback Mode	All, Slideshow, Filtering Play (Picture Only, Video Only, 4K PHOTO, Post Focus, Category Selection, Favorite), Calendar
	Thumbnails / Zoomed Playback	12,30-thumbnails / Yes
	Set Favorites / Rotate Image	Yes / Yes
	Show Histogram/ Show Highlights	Yes / Yes
	DPOF Print Setting / Set Protection	Yes / Yes
Edit	Retouch	Clear Retouch
	Title Edit / Text Stamp	Yes / Yes
	RAW Processing	Yes
	Resize/ Cropping	Yes / Yes
	Video Divide	Yes
	PictBridge Support	Single / Multi / All / DPOF / Favorites

Setup	OSD language	Japanese, English, German, French, Italian, Spanish
Monitor	LCD Monitor	7.5cm (3.0") TFT Screen LCD Display (1040k dots), Tiltable monitor/Static Touch Control/Field of View: Approx. 100%, Wide Viewing-angle, AF Coating
Flash	Built- in- Flash	Auto*, Auto/Red-eye Reduction*, Forced On, Forced On/Red-eye Reduction, Slow Sync., Slow Sync./Red-eye Reduction, Forced Off * For iA, iA+ mode only./0.5 - 12.1m (Wide / ISO Auto), 0.3 - 6.0m (Tele / ISO Auto)
Media	Recording Media	SD Memory Card, SDHC Memory Card, SDXC Memory Card/(Compatible with UHS-I UHS Speed Class 3 standard SDHC / SDXC Memory Cards)
	Built- in- Memory	-
Audio	Microphone / Speaker	Stereo / Mono
Interface	Interface	microHDMI typeD (*3), USB2.0 Micro-B
Power	Power	Li-ion Battery Pack (7.2V, 680mAh, 4.9 Wh) (Included)/USB Power Charging
	Battery life (Approx.)	260 images (CIPA Standard) (*1)
Standard Package	Included Software	・ The software to process RAW file on PC is not bundled with DMC-LX15. To do this, SILKYPIX Developer Studio is available for download at Ichikawa Soft Laboratory's website using PC connected to the Internet./ ・ The DMC-LX15 Operating Instructions for advanced features is available for downloaded at Panasonic LUMIX Customer Support Site using PC, smartphone or tablet connected to the Internet./ ・ The software for PC is not bundled with DMC-LX15. Please use the software pre-installed to the PC or other general image viewing software to browse pictures.
	Standard Accessories	Battery Pack, AC Adaptor, USB Cable, Hand Strap
NOTE		*1
NOTE		Recording conditions by CIPA standard
NOTE		- Temperature: 23 oC (73.4 oF) / Humidity: 50%RH when monitor is on.
NOTE		- Using a Panasonic SDHC Memory Card
NOTE		- Using the supplied battery.
NOTE		- Starting recording 30 seconds after the camera is turned on. (When the optical image stabilizer function is set to [ON].)
NOTE		- Recording once every 30 seconds with full flash every second recording.

NOTE	- Rotating the zoom lever from Tele to Wide or vice versa in every recording.
NOTE	- The number of recordable pictures varies depending on the recording interval time.
NOTE	- If the recording interval time becomes longer, the number of recordable pictures decreases.
NOTE	- CIPA is an abbreviation of [Camera & Imaging Products Association].
NOTE	*2
NOTE	- Use a card with SD Speed Class with "Class 4" or higher when recording motion pictures.
NOTE	- Use a card with SD Speed Class with "UHS-I Speed Class 3 (U3)" when recording motion pictures with [MP4] in [4K] or [4K PHOTO].
NOTE	(SD speed class is the speed standard regarding continuous writing.)
NOTE	- Recording stops when the continuous recording time exceeds 29 minutes and 59 seconds with [AVCHD].
NOTE	- Recording stops when the continuous recording time exceeds 15 minutes with [MP4] in [4K].
NOTE	- When using an SDHC memory card: You can continue recording without interruption even if the file size exceeds 4 GB but the motion picture file will be divided and recorded/played back separately.
NOTE	- When using an SDXC memory card: You can record a motion picture in a single file.
NOTE	- Recording stops when the continuous recording time exceeds 29 minutes and 59 seconds with [MP4] in [FHD] [HD] and High Speed motion pictures.
NOTE	You can continue recording without interruption even if the file size exceeds 4 GB but the motion picture file will be divided and recorded/played back separately.
NOTE	- These are standard times taken at a temperature of 23 oC (73.4 oF) and a humidity of 50%RH.
NOTE	- The time available for recording varies depending on the environment, the interval between recordings, and the manner of use.
NOTE	- 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.
NOTE	*3
NOTE	For [4K] video output, use an HDMI cable that has the HDMI logo on it, and that is described as"4K compatible".