

DMC-LX7
Digital Camera

F1.4-2.3 Super Bright LEICA DC VARIO-SUMMILUX Lens from 24mm Wide-angle

1/1.7" 10.1-megapixel High Sensitivity MOS Sensor with Wide Dynamic Range

Full Manual Control - Aperture Ring, Internal ND Filter and Focus Lever

Creative Control with 16 Artistic Effects

60p (NTSC) / 50p (PAL) Full HD Video Recording in AVCHD Progressive

Versatile Shooting Functions Featuring Time Lapse Shot



Premium Compact Digital Camera with F1.4 LEICA DC VARIO-SUMMILUX Lens for Outclassing Creative Possibility

eShop Price*: **469.99 GBP**

*Panasonic UK Online Shop (eShop) Price

Metrics

Dimensions (W x H x D)	110.5 x 67.1 x 45.6 mm (4.35 x 2.64 x 1.80 inch)
Weight	Approx. 269g without Battery and SD Memory Card (0.60 lb) Approx. 298g with Battery and SD Memory Card (0.66 lb)

Optics

Camera Effective Pixels	10.1 Megapixels
Sensor Size / Total Pixels / Filter	1/1.7-type High Sensitivity MOS Sensor / 12.7 Total Megapixels / Primary Color Filter
Aperture	F1.4 - 2.3 / Multistage Iris Diaphragm (F1.4 - 8.0 (W), F2.3 - 8.0 (T)) / ND filter (3steps)
Optical Zoom	3.8x
Focal Length	f=4.7 - 17.7mm (24 - 90mm in 35mm equiv.)
Extra Optical Zoom (EZ)	4.5x (4:3 / 7M), 5.4x (4:3 / 5M), 6.7x (under 3M)
Intelligent Zoom	7.5x
Lens	LEICA DC VARIO-SUMMILUX 11 elements in 10 groups (5 Aspherical Lenses / 9 Aspherical surfaces / 2 ED Lenses(1 Aspherical ED lens) / 1 Nano surface Coating Lens)
2-Speed Zoom	-
Optical Image Stabilizer	Power O.I.S. (On/Off)
Digital Zoom	Max. 4x

Focusing Area	Normal: Wide 50 cm - infinity AF Macro / MF / Intelligent AUTO / motion picture: Wide 1 cm - infinity / Tele 30cm - infinity
AF Assist Lamp	Yes (On/Off)
Focus	Normal / AF Macro / MF Quick AF On/Off (On in Intelligent Auto), Continuous AF (only for motion picture) AF/AF Macro/MF Switchable, AF/AE Lock Button, Focus Lever, Manual Focus, One Shot AF, AF Area Select, AF Tracking
AF Metering	Face / AF Tracking / 23-area / 1-area (flexible/scalable)
Shutter Speed	approx. 250 - 1/4000 sec (ISO80-ISO1600) 30 - 1/4000 sec (ISO2000 - ISO3200) 8 - 1/4000 sec (ISO4000 - ISO12800)
Viewfinder	Optional : DMW-LVF2

Recording

File Format	Still Image: JPEG(DCF/Exif2.3) / RAW / MPO Motion picture: AVCHD, MP4
Mode Dial / Mode Button	Intelligent Auto, P, A, S, M, C1, C2, Creative Video, Creative Control, SCN
Creative Control mode	Expressive, Retro, High Key, Low Key, Sepia, Dynamic Monochrome, Impressive Art, High Dynamic, Cross Process, Toy Effect, Miniature Effect, Soft Focus, Star Filter, One Point Color, Radial Defocus, Smooth Defocus
Still Image Scene Mode	Portrait, Soft Skin, Scenery, Panorama shot, Sports, Night Portrait, Night Scenery, Handheld Night Shot, HDR, Food, Baby1, Baby2, Pet, Sunset, Glass Through, 3D Photo,
Continuous Shooting Mode	Full- Resolution Image: 11 frames/sec Max.12 images with AF Tracking: 5 frames/sec, 2 frames/sec High- speed Burst: approx. 60 frames/sec (recorded in 2.5M) approx. 40 frames/sec (recorded in 5M)
Motion Picture Recording (*2)	[HD Video] 1920 x 1080 pixels, 50p (PSH: 28Mbps / AVCHD) (Sensor Output is 50fps) 1920 x 1080 pixels, 50i (FSH: 17Mbps / AVCHD) (Sensor Output is 50fps) 1280 x 720 pixels, 50p(SH: 17Mbps / AVCHD) (Sensor Output is 50fps) 1920 x 1080 pixels, 25 fps (FHD: 20Mbps / MP4) (Sensor Output is 25fps) 1280 x 720 pixels, 25 fps (HD: 10Mbps / MP4) (Sensor Output is 25fps) [STD Video] 640 x 480 pixels, 25 fps (VGA: 4Mbps / MP4) (Sensor Output is 25fps) [High Speed Video] 1280 x 720 pixels, 25fps (MP4) (Sensor Output is 100fps)
AVCHD (Continuous recordable time [motion pictures])	approx. 90 min (PSH), 100 min (FSH)
MP4 (Continuous recordable time [motion pictures])	approx. 110 min (FHD)
AVCHD (Actual recordable time [motion pictures])	approx. 50 min (PSH), 55 min (FSH)
MP4 (Actual recordable time [motion pictures])	approx. 60 min (FHD)
Exposure	Program AE, Aperture Priority AE, Shutter Priority AE, Manual
Exposure Compensation	1/3 EV step, +/-3 EV

Auto (AE) Bracketing	1/3 -3EV step, Max.+/-3 EV, 3 frames
Light Metering	Intelligent Multiple / Center Weighted / Spot
Aspect Bracketing	Yes
ISO Sensitivity	Auto / i.ISO / 80 / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800* (* by Pixel Mixed Readout) (changeable to 1/3 EV step)
Still Picture Recording	[1:1] 2736x2736 (7.5M) / 2304x2304 (5.5M EZ) / 1920x1920 (3.5M EZ) / 1536x1536 (2.5M EZ) / 480x480 (0.2M EZ) [4:3] 3648x2736 (10M) / 3072x2304 (7M EZ) / 2560x1920 (5M EZ) / 2048x1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640x480 (0.3M EZ) [3:2] 3776 x 2520 (9.5M) / 3168 x 2112 (6.5M EZ) / 2656 x 1768 (4.5M EZ) / 2112 x 1408 (3M EZ) / 2048x1360 (2.5M EZ) / 640x424 (0.3M EZ) [16:9] 3968 x 2232 (9M) / 3228 x 1872 (6M EZ) / 2784 x 1588 (4.5M EZ) / 2208 x 1248 (2.5M EZ) / 1920x1080 (2M EZ) / 640x360 (0.2M EZ) / 1920 x 1080 (3D)
Zoom in Motion Picture	Yes
Image Quality	RAW / RAW+Fine / RAW+Standard / Fine / Standard (3D Mode : MPO+Fine / MPO Standard)
White Balance	Auto / Daylight / Cloudy / Shade / Flash / Incandescent / White Set1 / White Set2 / Color Temperature (2-axis adjustable)
Photo Style / Film Mode	Standard, Vivid, Natural, Monochrome, Scenery, Portrait, Custom
Color Mode / Color Effect / My color	Color Mode (only in iA Mode) : Standard, Happy, Black and White, Sepia
Picture Adjustment	Contrast, Sharpness, Color Saturation, Noise Reduction
Digital Red Eye Correction (Red-Eye Removal)	Yes
GPS	-
Wi-Fi	-
Self Timer	2sec / 10sec / 10sec 3pcs
Playback	
Retouch	Auto Retouch / Creative Retouch
Playback Mode	Normal Playback, Slideshow, Filtering Playback(Picture Only, Video Only, 3D, Category, Favorites), Calendar Search
Thumbnails / Zoomed Playback	12,30-thumbnails / Yes
Calendar Display / Dual-Image Playback	Yes (Menu / Zoom Button) / No
Set Favorites / Rotate Image	Yes / No
Show Histogram	Yes
Show Highlights	Yes
DPOF Print Setting / Set Protection	Yes / Yes
Resize / Cropping / Aspect Conv. / Leveling	Yes / Yes / No / Yes
Copy / Title Edit / Text Stamp	Yes / Yes / Yes
Cut Animation	Yes
Video Divide	Yes
PictBridge Support	Single / Multi / All / Favorites / DPOF

Setup

OSD language	Japanese, English, German, French, Italian, Spanish
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Others

Battery life (approx.)	330 pictures (CIPA Standard)*1
LCD Monitor	7.5cm(3.0") TFT Screen LCD Display (920K dots), AR Coating Field of View : approx. 100% Wide Viewing Angle Power LCD mode, AUTO Power LCD mode
Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off, Flash Synchro;1st/2nd Slow Sync 0.8 - 8.5m (Wide/ISO Auto), 0.3 - 5.2m (Tele/ISO Auto)
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
Built-in-Memory	Approx. 70MB
Microphone / Speaker	Stereo / Mono
Interface	miniHDMI, AV Output (PAL/NTSC), USB Multi
Power	Li-ion Battery Pack (3.6V, Minimum: 1250mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)
Included Software	PHOTOfunSTUDIO 8.3 PE, SilkyPix Developer Studio, Adobe Reader
Standard Accessories	Battery Charger, Battery Pack, AC Cable, USB Cable, Shoulder Strap, CD-ROM, Hot Shoe Cover, Lens cap, Lens cap string

NOTE	<p>*1</p> <p>Recording conditions by CIPA standard</p> <ul style="list-style-type: none"> - CIPA is an abbreviation of [Camera & Imaging Products Association]. - Temperature: 23 oC (73.4 oF)/Humidity: 50%RH when LCD monitor is on. - Using a Panasonic SD Memory Card (32 MB). - 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. <p>*2</p> <ul style="list-style-type: none"> - These are standard times taken at a temperature of 23 oC (73.4 oF) 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 [ON] / [OFF], starting/stopping recording, zoom operation etc. -Motion Pictures can be recorded continuously for up to 29 minutes 59 seconds in European PAL areas. Also, motion picture recorded continuously in [MP4] is up to 4GB.
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