

Specifications of Panasonic Lumix DMC-LX7

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)

Approx. 269g without Battery and SD Memory Card (0.60 lb)

/ Approx. 298g with Battery and SD Memory Card (0.66 lb)

Weight

OPTICS

Camera Effective Pixels

10.1 Megapixels

1/1.7-inch High Sensitivity MOS Sensor / 12.7 Total

Megapixels / Primary Color Filter

F1.4 - 2.3 / Multistage Iris Diaphragm (F1.4 - 8.0 (W), F2.3 -

8.0 (T)) / ND filter (3steps)

3.8x

f=4.7 - 17.7mm (24 - 90mm in 35mm equiv.)

4.5x (4:3 / 7M), 5.4x (4:3 / 5M), 6.7x (under 3M)

7.5x

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)

-

Power O.I.S. (On/Off)

Max. 4x

Normal: Wide 50 cm - infinity / AF Macro / MF / Intelligent

AUTO / motion picture: Wide 1 cm - infinity /Tele 30cm -

infinity

Yes (On/Off)

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

Face / AF Tracking / 23-area / 1-area (flexible/scalable)

Lens

2-Speed Zoom

Optical Image Stabilizer ¹

Digital Zoom ²

Focusing Area

AF Assist Lamp

Focus

AF Metering

approx. 250 - 1/4000 sec (ISO80-ISO1600) /
30 - 1/4000 sec (ISO2000 - ISO3200) / 8 - 1/4000 sec
(ISO4000 - ISO12800)
Optional : DMW-LVF2

Shutter Speed

Viewfinder

RECORDING

File Format

Mode Dial / Mode Button

Creative Control mode

Still Image Scene Mode

Continuous Shooting Mode

Motion Picture Recording (*2)

AVCHD (Continuous recordable time [motion pictures])

MP4 (Continuous recordable time [motion pictures])

Still Image: JPEG(DCF/Exif2.3) / RAW / MPO / Motion
picture: AVCHD, MP4
Intelligent Auto, P, A, S, M, C1, C2, Creative Video, Creative
Control, SCN
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
Portrait, Soft Skin, Scenery, Panorama shot, Sports, Night
Portrait, Night Scenery, Handheld Night Shot, HDR, Food,
Baby1, Baby2, Pet, Sunset, Glass Through, 3D Photo,
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)
[HD Video] 1920 x 1080 pixels, 60p (PSH: 28Mbps /
AVCHD) (Sensor Output is 60fps) / 1920 x 1080 pixels, 60i
(FSH: 17Mbps / AVCHD) (Sensor Output is 60fps) / 1280 x
720 pixels, 60p(SH: 17Mbps / AVCHD) (Sensor Output is
60fps) / 1920 x 1080 pixels, 30 fps (FHD: 20Mbps / MP4)
(Sensor Output is 30fps) / 1280 x 720 pixels, 30 fps (HD:
10Mbps / MP4) (Sensor Output is 30fps) / [STD Video] 640 x
480 pixels, 30 fps (VGA: 4Mbps / MP4) (Sensor Output is
30fps) / [Hi Speed Video] 1280 x 720 pixels, 30fps (MP4)
(Sensor Output is 120fps)
approx. 90 min (PSH), 100 min (FSH)
approx. 110 min (FHD)

AVCHD (Actual recordable time [motion pictures])

MP4 (Actual recordable time [motion pictures])

Exposure

Exposure Compensation

Auto (AE) Bracketing

Light Metering

ISO Sensitivity

Still Picture Recording

Image Quality

White Balance

Photo Style / Film Mode

Color Mode / Color Effect / My color

Picture Adjustment

Aspect Bracketing

Digital Red Eye Correction (Red-Eye Removal)

approx. 50 min (PSH), 55 min (FSH)

approx. 60 min (FHD)

Program AE, Aperture Priority AE, Shutter Priority AE,
Manual

1/3 EV step, +/-3 EV

1/3 -3EV step, Max.+/-3 EV, 3 frames

Intelligent Multiple / Center Weighted / Spot

Auto / i.ISO / 80 / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 /

12800* (*by Pixel Mixed Readout) (changeable to 1/3 EV

step)

[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)

RAW / RAW+Fine / RAW+Standard / Fine / Standard (3D

Mode : MPO+Fine / MPO Standard)

Auto / Daylight / Cloudy / Shade / Flash / Incandescent /

White Set1 / White Set2 / Color Temperature (2-axis

adjustable)

Standard, Vivid, Natural, Monochrome, Scenery, Portrait,

Custom

Color Mode (only in iA Mode) : Standard, Happy, Black and

White, Sepia

Contrast, Sharpness, Color Saturation, Noise Reduction

Yes

Yes

GPS	-
Wi-Fi	-
Zoom in Motion Picture	Yes
Self Timer	2sec / 10sec / 10sec 3pcs

PLAYBACK

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
Retouch	Auto Retouch / Creative Retouch
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	English, Spanish
---------------------	------------------

OTHERS

LCD Monitor	3.0"(7.5cm) TFT Screen LCD Display (920K dots), AR Coating / Field of View : approx. 100% Wide Viewing Angle / Power LCD mode, AUTO Power LCD mode 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)
Built-in-Flash	
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card,

Built-in-Memory

Microphone / Speaker

Interface

Power

Battery life (approx.)

Included Software

Standard Accessories

SDXC Memory Card

Approx. 70MB

Stereo / Mono

miniHDMI, AV Output (NTSC), USB Multi

Li-ion Battery Pack (3.6V, Minimum: 1250mAh) (Included) /

AC Adaptor (Input: 110-240V AC) (Optional)

330 pictures (CIPA Standard)*1

PHOTOfunSTUDIO 8.3 PE, SilkyPix Developer Studio,

Adobe Reader

Battery Charger, Battery Pack, USB Cable, Shoulder Strap,

CD-ROM, Hot Shoe Cover, Lens cap, Lens cap string

FURTHER SPECIFICATIONS

*1 / Recording conditions by CIPA standard / - 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. / *2 / - 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

NOTE

European PAL areas. Also, motion picture recorded
continuously in [MP4] is up to 4GB.

1. MEGA O.I.S. may not be available depending on the lens that is mounted
2. As digital magnification increases, resolution significantly decreases.
3. Contrast, Brightness, Sharpness, Color, Gamma Correction
4. In PAL regions, images are converted from 60i to 50i, 60p to 50p and 30p to 25p for playback.
5. Video feature is designed to function only when vehicle is parked and emergency brake is applied.
6. This camera comes with a function to check whether the battery and unit can be safely used together. 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>