

## DMC-LZ20 Digital Camera

Powerful 21x Optical Zoom Lens from 25mm Ultra Wide-angle  
Optical Image Stabilizer for Suppressing Hand-shake Blur  
iA (Intelligent Auto) Mode for Easy Operation  
Manual Exposure  
Magnificent Exterior Featuring Mode Dial and 3.0-inch 460K-dot LCD  
HD Video Recording and Panorama Shot



Compact Shooting Style Camera with Powerful 21x Optical Zoom Having a Real Operability

eShop Price\*: **180.99 GBP**

\*Panasonic UK Online Shop (eShop) Price

### Metrics

<b>Dimensions (W x H x D)</b>	119.1 x 76.5 x 79.8 mm (4.69 x 3.02 x 3.14 inch)
<b>Weight</b>	Approx. 390g without Battery and SD Memory Card (0.86 lb) Approx. 499g with Battery and SD Memory Card (1.10 lb)

### Optics

<b>Camera Effective Pixels</b>	16.1 Megapixels
<b>Sensor Size / Total Pixels / Filter</b>	1/2.33-type CCD sensor / 16.4 Total Megapixels / Primary Color Filter
<b>Aperture</b>	F3.1 - 5.8 / 2-Step (F3.1 / F8.9(W) / F5.8 / F16.7 (T))
<b>Optical Zoom</b>	21x
<b>Focal Length</b>	f=4.5 - 94.5mm (25 - 525mm in 35mm equiv.) (27 - 567mm in 35mm equiv. in video recording)
<b>Extra Optical Zoom (EZ)</b>	26.5x (4:3 / 10M), 37.8x (4:3 / 5M), 48.5x (4:3 / under 3M)
<b>Intelligent Zoom</b>	-
<b>Lens</b>	12 elements in 9 groups (3 Aspherical Lenses / 5 Aspherical surfaces )
<b>2-Speed Zoom</b>	-
<b>Optical Image Stabilizer</b>	O.I.S. (On/Off)
<b>Digital Zoom</b>	4x
<b>Focusing Area</b>	Normal: Wide 30cm - Infinity / Tele 200 cm - infinity AF Macro / Intelligent Auto / motion picture Wide 2cm - Infinity /Tele 60cm - infinity

<b>AF Assist Lamp</b>	Yes (On/Off)
<b>Focus</b>	Normal, AF Macro, Macro Zoom Continuous AF (only for motion picture) AF Tracking
<b>AF Metering</b>	Face / AF Tracking / 1-area / 9-area / Spot
<b>Shutter Speed</b>	approx. 15 - 1/2000 sec
<b>Viewfinder</b>	-

## Recording

<b>File Format</b>	Still Image: JPEG(DCF/Exif2.3) Motion picture: Quick Time Motion JPEG
<b>Mode Dial / Mode Button</b>	Intelligent AUTO, P, M, SCN, Motion picture, Portrait, Scenery, Sports
<b>Creative Control mode</b>	-
<b>Still Image Scene Mode</b>	Panorama Shot, Night Portrait, Night Scenery, Food, Baby(birthday only), Sunset, High Sensitivity
<b>Continuous Shooting Mode</b>	Full-Resolution Image, 1.2 frames/sec
<b>Motion Picture Recording (*2)</b>	[HD Video] 1280 x 720 pixels, 30 fps (HD / Motion JPEG) [STD Video] 640 x 480 pixels, 30 fps (VGA / Motion JPEG) 320 x 240 pixels, 30fps (QVGA / Motion JPEG)
<b>AVCHD (Continuous recordable time [motion pictures])</b>	-
<b>MP4 (Continuous recordable time [motion pictures])</b>	-
<b>AVCHD (Actual recordable time [motion pictures])</b>	-
<b>MP4 (Actual recordable time [motion pictures])</b>	-
<b>Exposure</b>	Program AE, Manual
<b>Exposure Compensation</b>	1/3 EV step, +/-3 EV
<b>Auto (AE) Bracketing</b>	1/3 - 3 EV step, Max.+/-3EV, 3 frames
<b>Light Metering</b>	Multiple
<b>Aspect Bracketing</b>	-
<b>ISO Sensitivity</b>	Auto / 100 / 200 / 400 / 800 / 1600 High Sensitivity mode (ISO 1600-6400)
<b>Still Picture Recording</b>	[1:1] 3456 x 3456 (12M) [4:3] 4608 x 3456 (16M) / 3648 x 2736 (10M EZ) / 2560 x 1920 (5M EZ) / 2048x1536 (3M EZ) / 640x480 (0.3M EZ) [3:2] 4608 x 3072 (14M) [16:9] 4608 x 2592 (12M)
<b>Zoom in Motion Picture</b>	-
<b>Image Quality</b>	Fine / Standard
<b>White Balance</b>	Auto / Daylight / Cloudy / Shade / Incandescent / White Set

<b>Photo Style / Film Mode</b>	-
<b>Color Mode / Color Effect / My color</b>	Color Mode : Standard, Vivid (Normal only), Black&White, Sepia
<b>Picture Adjustment</b>	-
<b>Digital Red Eye Correction (Red-Eye Removal)</b>	Yes
<b>GPS</b>	-
<b>Wi-Fi</b>	-
<b>Self Timer</b>	2sec / 10sec

## Playback

<b>Retouch</b>	-
<b>Playback Mode</b>	Normal Playback, Slideshow, Category, Calendar Playback
<b>Thumbnails / Zoomed Playback</b>	12,30-thumbnails / Yes
<b>Calendar Display / Dual-Image Playback</b>	Yes / No
<b>Set Favorites / Rotate Image</b>	No / No
<b>Show Histogram</b>	Yes
<b>Show Highlights</b>	-
<b>DPOF Print Setting / Set Protection</b>	No / Yes
<b>Resize / Cropping / Aspect Conv. / Leveling</b>	Yes / Yes / No / No
<b>Copy / Title Edit / Text Stamp</b>	Yes / No / No
<b>Cut Animation</b>	No
<b>Video Divide</b>	No
<b>PictBridge Support</b>	Single / Multi / All

## Setup

<b>OSD language</b>	Japanese, English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Netherlandic, Turkish, Portuguese, Finnish, Danish, Swedish, Greek
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## Others

<b>Battery life (approx.)</b>	380 pictures (AA Battery)(CIPA Standard)*1
<b>LCD Monitor</b>	7.5cm(3.0") TFT Screen LCD Display (460K dots) Field of View : approx. 100% OFF, Power LCD mode, AUTO Power LCD mode, High Angle mode
<b>Built-in-Flash</b>	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off, 0.6 - 6.8m (Wide/ISO Auto), 0.6 - 3.6m (Tele/ISO Auto)
<b>Recording Media</b>	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
<b>Built-in-Memory</b>	Approx.109MB
<b>Microphone / Speaker</b>	Mono / Mono
<b>Interface</b>	AV Output (PAL/NTSC), USB Multi
<b>Power</b>	AA Battery/Ni-MH Battery x 4

<b>Included Software</b>	PHOTOfunSTUDIO 8.2LE Adobe Reader
<b>Standard Accessories</b>	Alkaline AA Battery×4, AV Cable, USB Cable, Shoulder Strap, CD-ROM, Lens Cap, Lens Cap String
<b>NOTE</b>	<p>*1</p> <p>Recording conditions by CIPA standard</p> <ul style="list-style-type: none"><li>- CIPA is an abbreviation of [Camera &amp; Imaging Products Association].</li><li>- Temperature: 23 oC (73.4 oF)/Humidity: 50%RH when LCD monitor is on.</li><li>- Using a Panasonic SD Memory Card (32 MB).</li><li>- Using the supplied battery.</li><li>- Starting recording 30 seconds after the camera is turned on. (When the optical image stabilizer function is set to [ON].)</li><li>- Recording once every 30 seconds with full flash every second recording.</li><li>- Rotating the zoom lever from Tele to Wide or vice versa in every recording.</li><li>- Turning the camera off every 10 recordings and leaving it until the temperature of the battery decreases.</li></ul> <p>*2</p> <ul style="list-style-type: none"><li>- These are standard times taken at a temperature of 23 oC (73.4 oF) and a humidity of 50%RH.</li><li>- The time available for recording varies depending on the environment, the interval between recordings, and the manner of use.</li><li>- 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.</li></ul>

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