

DMC-SZ7
Digital Camera

25mm Ultra Wide-angle LEICA DC Lens with 10x Powerful Optical Zoom

Full HD Video Recording in AVCHD / MP4 Format and Stereo Microphone

Newly Developed 14.1-megapixel High Sensitivity MOS Sensor

10 fps Burst Shooting in 14.1-megapixel Resolution

0.1 sec Light Speed AF

HDR, Miniature Effect, Panorama Shot and Creative Retouch



Compact Digital Camera SZ7 - Slim Design with 10x Optical Zoom LEICA DC Lens Featuring Full HD Video Recording

eShop Price*: **220.99 GBP**

*Panasonic UK Online Shop (eShop) Price

Metrics

Dimensions (W x H x D)	99.0 x 59.4 x 21.0 mm (3.9 x 2.4 x 0.9 inch)
Weight	Approx. 116g without Battery and SD Memory Card (0.26 lb) Approx. 133g with Battery and SD Memory Card (0.30 lb)

Optics

Camera Effective Pixels	14.1 Megapixels
Sensor Size / Total Pixels / Filter	1/2.33-type High Sensitivity Mos Sensor / 15.3 Total Megapixels / Primary Color Filter
Aperture	F3.1 - F5.9 / 2-Step (F3.1 / 9.0 (W), F5.9 / 16.0 (T))
Optical Zoom	10.0x
Focal Length	f=4.5-45.0mm (25-250mm in 35mm equiv.) (27-270mm in 35mm equiv. in video recording)
Extra Optical Zoom (EZ)	11.8x (4:3 / 10M), 16.9x (4:3 / 5M), 21.1x(4:3 / under 3M)
Intelligent Zoom	20.0x
Lens	LEICA DC VARIO-ELMAR 9 elements in 7 groups (4 Aspherical Lenses / 6 Aspherical surfaces)
Optical Image Stabilizer	MEGA O.I.S. (Off / On)
Digital Zoom	4x
Focusing Area	Normal: Wide 50 cm - infinity / Tele 150 cm - infinity

Macro / Intelligent AUTO/ motion picture: Wide 5 cm - infinity / Tele 150cm - infinity

AF Assist Lamp	Yes
Focus	Normal, AF Macro, Zoom Macro Quick AFON/OFF(On in Intelligent Auto), Continuous AF(only for motion picture) AF Tracking
AF Metering	Face / AF Tracking / Multi (23pt) / 1pt / Spot
Shutter Speed	approx. 8 - 1/1600 sec

Recording

File Format	Still Image: JPEG(DCF/Exif2.3) 3D Image: MPO Motion picture: AVCHD, MP4
Mode Dial / Mode Button	Intelligent Auto, Normal Picture, SCN, Miniature, 3D Photo Mode
Still Image Scene Mode	Portrait, Soft Skin, Scenery, Panorama, Sports, Night Portrait, Night Scenery, Hand Held Night Shot, Food, Baby1, Baby2, Pet, Sunset, High Sensitivity, Glass Through, Photo Frame
Continuous Shooting Mode	Full- Resolution Image: 10 frames/sec Max. 4 images (Standard / Fine Mode), with AF Tracking: 5 frames/sec, 2 frames/sec Intelligent Burst Shooting
Motion Picture Recording (*2)	[HD Video] 1920 x 1080 pixels, 50i (FSH: 17Mbps / AVCHD) (Sensor output is 25p) 1280 x 720 pixels, 50p (SH: 17Mbps / AVCHD) (Sensor output is 25P) 1920 x 1080 pixels, 25 fps (FHD: 20Mbps / MP4) (Sensor output is 25p) 1280 x 720 pixels, 25 fps (HD: 10Mbps / MP4) (Sensor output is 25P) [STD Video] VGA: 640 x 480 pixels, 25 fps (4Mbps / MP4)
AVCHD (Continuous recordable time [motion pictures])	approx. 60 min (FSH), 65 min (SH)
MP4 (Continuous recordable time [motion pictures])	approx. 60 min (FHD)
AVCHD (Actual recordable time [motion pictures])	approx. 30 min (FSH), 30 min (SH)
MP4 (Actual recordable time [motion pictures])	approx. 30 min (FHD)
Exposure	Auto(Program AE)
Exposure Compensation	1/3 EV step, +/-2 EV
Auto (AE) Bracketing	1/3 -1EV step, Max +/-1, 3 frames
Light Metering	Intelligent Multiple
ISO Sensitivity	Auto / i.ISO / 100 / 200 / 400 / 800 / 1600 / 3200 High Sensitivity mode (ISO 1600-6400)
Still Picture Recording	[1:1] 3232x3232(10.5M) [4:3] 4320x3240(14M) / 3648x2736(10M EZ) / 2560x1920(5M EZ) / 2048x1536(3M EZ) / 640x480(0.3M EZ) [3:2] 4320x2880 (12.5M) [16:9] 4320x2432 (10.5M)
Image Quality	Fine / Standard (3D mode: MPO Fine / MPO Standard)
White Balance	Auto / Daylight / Cloudy / Shade / Incandescent / White Set

Color Mode / Color Effect / My color Color Mode : Standard, Black&White, Sepia, Vivid(in normal / video), Happy (only in iA Mode)

Digital Red Eye Correction (Red-Eye Removal) Yes

Optical Zoom in Motion Picture Yes

Self Timer 2sec / 10sec

Playback

Playback Mode Normal Playback, Slideshow, Filtering Playback (Picture Only, Video Only, 3D, Category, Favorites), Calendar Playback

Thumbnails / Zoomed Playback 12,30-thumbnails / Yes

Calendar Display / Dual-Image Playback Yes / No

Set Favorites / Rotate Image Yes / No

DPOF Print Setting / Set Protection Yes / Yes

Resize / Cropping / Aspect Conv. / Leveling Yes / Yes / No / No

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

Others

LCD Monitor 7.5cm(3.0") TFT Screen LCD Display (460K dots)

Built-in-Flash Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off,
0.6 - 5.6m (Wide/i ISO), 1.5 - 2.9m (Tele/i ISO)

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 (NTSC/PAL), USB2.0 High speed

Power Li-ion Battery Pack (3.6V, Minimum: 680mAh) (Included)
AC Adaptor (Input: 110-240V AC)(Included, connect with USB cable)

Battery life (approx.) 250 pictures (CIPA Standard)*1

Included Software PHOTOfunSTUDIO 8.0 Advanced Edition
Adobe Reader

Standard Accessories Battery Pack, AC Adapter, USB Cable, Hand Strap, CD-ROM

NOTE

*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.
- The number of recordable pictures decreases in Auto Power LCD Mode and Power LCD Mode.

*2

- These are standard times taken at a temperature of 23 °C (73.4 °F) 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.

*3

- 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 4 GB.
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