



## LUMIX FZ2500 Digital Camera, 20.1 Megapixel, 1-inch Sensor - DMC-FZ2500 DMC-FZ2500

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- **IMAGE SENSOR**

- Sensor size 1-inch High Sensitivity MOS sensor
  - Total pixels 20.9 megapixels
  - Camera effective pixels 20.1 megapixels
  - Color filter Primary color filter
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- **LENS**

- Aperture F2.8 - 4.5 / 9 diaphragm blades (F2.8 - 11.0 (W), F4.5 - 11.0 (T))
- Optical zoom 20x
- Focal length  $f = 8.8 - 176\text{mm}$
- Focal length (26 - 520mm in 35mm equiv. in 4:3)
- Focal length (24 - 480mm in 35mm equiv. in 3:2)
- Focal length (25 - 500mm in 35mm equiv. in 16:9)
- Focal length (31 - 620mm in 35mm equiv. in 1:1)
- Focal length (36 - 720mm in 35mm equiv. in 4:3, 3:2, 16:9 4K PHOTO recording)
- Focal length (38 - 760mm in 35mm equiv. in 1:1 4K PHOTO recording)
- Focal length (25 - 500mm in 35mm equiv. in 16:9 video recording / O.I.S. Off / Level Shot function Off)
- Focal length (27 - 540mm in 35mm equiv. in 16:9 video recording / O.I.S. On / Level Shot function Off)
- Focal length (30 - 600mm in 35mm equiv. in 16:9 video recording / O.I.S. On / Level Shot function On)
- Focal length (36 - 720mm in 35mm equiv. in 4K video recording)
- Extra Optical Zoom (EZ) 28.1x (3:2 / 10M (M)), 40x (3:2 / 5M (S))
- Intelligent Zoom 40x
- Lens LEICA DC VARIO-ELMARIT
- Lens 16 elements in 11 groups
- Lens (5 aspherical lenses (8 aspherical surfaces) / 4 ED lenses / 1 UHR lens)
- Changing of zoom speed 5-speed zoom

- Optical image stabilizer 5-Axis HYBRID O.I.S. +\*
  - Optical image stabilizer \* 5-Axis compensation works in video recording except for 4K video, variable frame rate video or dolly zoom 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.)
  - Zoom in motion picture Yes
  - Built-in ND filter 1/4, 1/16, 1/64, Auto
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## • RECORDING SYSTEM

- System frequency 59.94Hz, 50.00Hz, 24.00Hz
- Aspect ratio 4:3, 3:2, 16:9, 1:1
- Image quality RAW, RAW+Fine, RAW+Standard, Fine, Standard
- Color Space sRGB, AdobeRGB
- Continuous recordable time (Motion picture) (\*1) AVCHD [FHD/60i] [FHD/50i]: Approx. 115 min (rear monitor), 105 min (LVF)
- Actual recordable time (Motion picture) (\*1) AVCHD [FHD/60i] [FHD/50i]: Approx. 60 min (rear monitor), 50 min (LVF)
- *Recording file format*
- Still image JPEG (DCF, Exif 2.3), RAW, DPOF
- Motion picture MOV (Audio format LPCM), MP4 (Audio format LPCM / AAC 2ch), AVCHD (Audio format Dolby Digital 2ch)
- *File size(Pixels)*
- Still Image [4:3] 4864x3648(L) / 3456x2592(M) / 2432x1824(S)
- Still Image [3:2] 5472x3648(L) / 3888x2592(M) / 2736x1824(S)
- Still Image [16:9] 5472x3080(L) / 3840x2160(M) / 1920x1080(S)
- Still Image [1:1] 3648x3648(L) / 2592x2592(M) / 1824x1824(S)
- *Motion picture (\*1)*
- MOV 59.94Hz [4K] 3840x2160:29.97p, 100Mbps (IPB) (LPCM)
- MOV 59.94Hz [4K] 3840x2160:23.98p, 100Mbps (IPB) (LPCM)
- MOV 59.94Hz [Full HD] 1920x1080:59.94p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MOV 59.94Hz [Full HD] 1920x1080:29.97p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MOV 59.94Hz [Full HD] 1920x1080:23.98p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MOV 50.00Hz [4K] 3840x2160:25.00p, 100Mbps (IPB) (LPCM)
- MOV 50.00Hz [Full HD] 1920x1080:50.00p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MOV 50.00Hz [Full HD] 1920x1080:25.00p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)

- MOV 24.00Hz [C4K] 4096x2160:24.00p, 100Mbps (IPB) (LPCM)
- MOV 24.00Hz [4K] 3840x2160:24.00p, 100Mbps (IPB) (LPCM)
- MOV 24.00Hz [Full HD] 1920x1080:24.00p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MP4 59.94Hz [4K] 3840x2160:29.97p, 100Mbps (IPB) (LPCM) / 100Mbps (IPB) (AAC)
- MP4 59.94Hz [4K] 3840x2160:23.98p, 100Mbps (IPB) (LPCM) / 100Mbps (IPB) (AAC)
- MP4 59.94Hz [Full HD] 1920x1080:59.94p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MP4 59.94Hz [Full HD] 1920x1080:29.97p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MP4 59.94Hz [Full HD] 1920x1080:23.98p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MP4 59.94Hz [Full HD] 1920x1080:59.94p, 28Mbps (IPB) (AAC)
- MP4 59.94Hz [Full HD] 1920x1080:29.97p, 20Mbps (IPB) (AAC)
- MP4 59.94Hz [HD] 1280x720:29.97p, 10Mbps (IPB) (AAC)
- MP4 50.00Hz [4K] 3840x2160:25.00p, 100Mbps (IPB) (LPCM) / 100Mbps (IPB) (AAC)
- MP4 50.00Hz [Full HD] 1920x1080:50.00p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MP4 50.00Hz [Full HD] 1920x1080:25.00p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- MP4 50.00Hz [Full HD] 1920x1080:50.00p, 28Mbps (IPB) (AAC)
- MP4 50.00Hz [Full HD] 1920x1080:25.00p, 20Mbps (IPB) (AAC)
- MP4 50.00Hz [HD] 1280x720:25.00p, 10Mbps (IPB) (AAC)
- MP4 24.00Hz [C4K] 4096x2160:24.00p, 100Mbps (IPB) (LPCM)
- MP4 24.00Hz [4K] 3840x2160:24.00p, 100Mbps (IPB) (LPCM)
- MP4 24.00Hz [Full HD] 1920x1080:24.00p, 200Mbps (ALL-Intra) (LPCM) / 100Mbps (IPB) (LPCM) / 50 (IPB) (LPCM)
- AVCHD Progressive, AVCHD 59.94Hz [Full HD] 1920x1080:59.94p, 28Mbps (IPB) (Dolby)
- AVCHD Progressive, AVCHD 59.94Hz [Full HD] 1920x1080:59.94i, 24Mbps (IPB) (Dolby) (Sensor output 30.00fps)
- AVCHD Progressive, AVCHD 59.94Hz [Full HD] 1920x1080:59.94i, 17Mbps (IPB) (Dolby) (Sensor output 60.00fps)
- AVCHD Progressive, AVCHD 59.94Hz [Full HD] 1920x1080:23.98p, 24Mbps (IPB) (Dolby)
- AVCHD Progressive, AVCHD 50.00Hz [Full HD] 1920x1080:50.00p, 28Mbps (IPB) (Dolby)
- AVCHD Progressive, AVCHD 50.00Hz [Full HD] 1920x1080:50.00i, 24Mbps (IPB) (Dolby) (Sensor output 25.00fps)
- AVCHD Progressive, AVCHD 50.00Hz [Full HD] 1920x1080:50.00i, 17Mbps (IPB) (Dolby) (Sensor output 50.00fps)

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## • WiFi FUNCTION

- WiFi IEEE 802.11b/g/n, 2412 MHz - 2462 MHz (1-11 ch), Wi-Fi / WPA / WPA2, Infrastructure mode
- NFC No

- QR Code Connection Yes
  - Password-less connection Yes (ON / OFF selectable)
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- **VIEWFINDER**

- Type OLED Live View Finder (2,360k dots)
  - Field of view Approx. 100%
  - Magnification Approx. 2.18x / 0.74x (35mm camera equiv. in 4:3)
  - Eye point Approx. 20 mm from eyepiece lens
  - Diopter adjustment -4.0 - +4.0 (dpt)
  - Eye sensor Yes
  - Eye sensor adjustment High / Low
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- **FOCUS**

- Focusing area Normal: Wide 30 cm - infinity / Tele 100 cm - infinity
  - Focusing area AF Macro / MF / Intelligent Auto / Motion picture: Wide 3 cm - infinity / Tele 100 cm - infinity
  - Focus mode AF / AF Macro / Macro Zoom \* Each available with AFS (Single) / AFF (Flexible) / AFC (Continuous) / MF
  - DFD technology Yes
  - Post Focus Yes
  - Focus Stacking Yes
  - AF mode Face/Eye Detection / Tracking / 49-Area / Custom Multi / 1-Area / Pinpoint
  - AF mode (Full area touch is available)
  - AF detective range EV -4 - 18 (ISO100 equivalent)
  - AF assist lamp Yes
  - AF lock Yes (AF/AE LOCK button)
  - Others One Shot AF, Shutter AF, Half Press Release, Quick AF, AF Sensitivity, Continuous AF (during movie picture recording), Eye Sensor AF, AF+MF, MF Assist, Touch MF Assist, Focus Peaking, Touch AF/AE Function, Touch Pad AF, Touch Shutter, Low Light AF, Starlight AF
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- **EXPOSURE CONTROL**

- Light metering mode Multiple / Center Weighted / Spot
  - Exposure mode Program AE, Aperture Priority AE, Shutter Priority AE, Manual
  - Exposure compensation 1/3 EV step  $\pm 5$ EV ( $\pm 3$ EV for motion picture)
  - AE lock Yes (AF/AE LOCK button)
  - *ISO sensitivity (Standard output sensitivity)*
  - Still image Auto / Intelligent ISO / 80\* / 100\* / 125 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800 / 25600\* \* Extended ISO
  - Still image (Changeable to 1/3 EV step) (ISO Auto in M mode)
  - Motion picture Auto / 125 / 200 / 400 / 800 / 1600 / 3200 / 6400
  - Motion picture (Changeable to 1/3 EV step)
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- **WHITE BALANCE**
  - White balance Auto / Daylight / Cloudy / Shade / Incandescent / Flash / White Set 1, 2, 3, 4 / Color temperature setting 1, 2, 3, 4
  - White balance adjustment Blue/Amber bias, Magenta/Green bias
  - Color temperature setting 2500 - 10000K in 100K

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- **SHUTTER**
  - Self timer 10sec, 3 images / 2sec / 10sec
  - Remote control Remote control with Bulb function by DMW-RSL1 (Optional)
  - *Shutter speed (Approx.)*
  - Still image Mechanical shutter type: 1/4,000 - 60, Bulb (Max. 2 minutes)
  - Still image Electronic shutter type: 1/16,000 - 1
  - Motion picture 59.94Hz: 1/16,000 - 1/30, 50.00Hz: 1/16,000 - 1/25, 24.00Hz: 1/16,000 - 1/24 (When using Sy Scan)
  - Motion picture Creative Video M mode / MF mode: 1/16,000 - 1/2

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- **BRACKET**
  - AE bracket 3, 5, 7 images in 1/3, 2/3 or 1 EV step, max.  $\pm 3$  EV, single/burst
  - Aperture Bracket 3, 5 or all positions in 1 EV step
  - Focus Bracket 1 to 999 images, focus steps can be set in 10 levels

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- **BURST SHOOTING**
  - Number of recordable images More than 30 images (when there are RAW files with the particular speed)
  - Number of recordable images More than 100 images (when there are no RAW files)
  - Number of recordable images (Depending on memory card type, aspect, picture size and compression)
  - *Burst speed (Approx.)*
  - Mechanical shutter AFS: H: 12 frames/sec, M: 7 frames/sec (with Live View), L: 2 frames/sec (with Live View)
  - Mechanical shutter AFC: H: 7 frames/sec, M: 7 frames/sec (with Live View), L: 2 frames/sec (with Live View)
  - Electronic shutter AFS: H: 12 frames/sec, M: 7 frames/sec (with Live View), L: 2 frames/sec (with Live View)
  - Electronic shutter AFC: H: 7 frames/sec, M: 7 frames/sec (with Live View), L: 2 frames/sec (with Live View)

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- **4K PHOTO MODE**
  - 4K Photo mode (\*1) 4K Burst: 30 frames/sec
  - 4K Photo mode (\*1) 4K Burst (S/S): 30 frames/sec
  - 4K Photo mode (\*1) 4K Pre-Burst: 30 frames/sec, approx. 2 seconds
  - 4K Photo mode (\*1) (Depending on memory card size and battery power)
  - Exif information Yes
  - Marking function Yes (in 4K Burst (S/S) mode)
  - Loop rec function Yes (in 4K Burst (S/S) mode)

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- **FLASH**
  - Shooting distance 0.5 - 13.2m (Wide / ISO Auto), 1.0 - 7.9m (Tele / ISO Auto)
  - Flash mode Auto\*, Auto/Red-eye Reduction\*, Forced On, Forced On/Red-eye Reduction, Slow Sync., Slow Sync./Red-eye Reduction, Forced Off \*For iA, iA+ only.

- Flash output adjustment 1/3EV step  $\pm 3\text{EV}$
  - Flash synchronization 1st Curtain Sync., 2nd Curtain Sync.
  - Synchronization for flash dimming and exposure compensation Yes
  - Wireless control Yes (When using DMW-FL200L / FL360L / FL580L (Optional))
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## • REAR MONITOR

- Type TFT LCD monitor with static touch control
  - Monitor size Free-angle 3.0-inch (7.5cm) / 3:2 aspect / Wide viewing angle / AF coating
  - Pixels Approx. 1,040k dots
  - Field of view Approx. 100%
  - Monitor adjustment Brightness, Contrast, Saturation, Red-Green, Blue-Yellow
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## • PHOTO STYLE

- Photo style Standard / Vivid / Natural / Monochrome / Scenery / Portrait / Custom / Cinelike D\* / Cinelike V-Log L<sup>\*/\*\*</sup>
  - Photo style \*When Creative Video mode is selected. \*\*Upgrade Software Key DMW-SFU1(Optional) is required.
  - Picture adjustment Contrast, Sharpness, Noise Reduction, Saturation\*, Hue, Color Tone\*\*, Filter Effect\*\*
  - Picture adjustment \*Except for Monochrome mode. \*\*For Monochrome mode only.
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## • CREATIVE VIDEO MODE

- Exposure mode Program AE/ Aperture-Priority / Shutter-Priority / Manual Exposure
  - Dolly zoom Yes
  - *Variable frame rate*
  - 59.94Hz MOV/FHD/100Mbps/29.97p, MP4(LPCM)/FHD/100Mbps/29.97p:2fps, 15fps, 26fps, 28fps, 30fps, 32fps, 34fps, 45fps, 60fps, 75fps, 90fps, 96fps, 120fps
  - 59.94Hz MOV/FHD/100Mbps/23.98p, MP4(LPCM)/FHD/100Mbps/23.98p:2fps, 12fps, 20fps, 22fps, 24fps, 26fps, 28fps, 36fps, 48fps, 60fps, 72fps, 84fps, 96fps, 120fps
  - 59.94Hz AVCHD/FHD/24Mbps/29.97p:2fps, 15fps, 26fps, 28fps, 30fps, 32fps, 34fps, 45fps, 60fps
  - 59.94Hz AVCHD/FHD/24Mbps/23.98p:2fps, 12fps, 20fps, 22fps, 24fps, 26fps, 28fps, 36fps, 48fps, 60fps
  - 50.00Hz MOV/FHD/100Mbps/25.00p, MP4(LPCM)/FHD/100Mbps/25.00p:2fps, 12fps, 21fps, 23fps, 25fps, 27fps, 30fps, 37fps, 50fps, 62fps, 75fps, 96fps, 120fps
  - 50.00Hz AVCHD/FHD/24Mbps/25.00p:2fps, 12fps, 21fps, 23fps, 25fps, 27fps, 30fps, 37fps, 50fps
  - 24.00Hz MOV/FHD/100Mbps/24.00p, MP4(LPCM)/FHD/100Mbps/24.00p:2fps, 12fps, 20fps, 22fps, 24fps, 26fps, 28fps, 36fps, 48fps, 60fps, 72fps, 84fps, 96fps, 120fps
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## • MOTION PICTURE FUNCTION

- Master pedestal level 31 steps
- Luminance level 0-255 / 16-235 / 16-255
- Synchro scan Yes
- Time code Count Up: Rec Run/Free Run selectable, Time Code Mode: Drop frame/Non-drop frame select (When system frequency [59.94Hz] is selected.)

- SS/Gain operation Shutter Duration/ISO / Angle/ISO / Shutter Duration/dB
- Color bars / 1kHz test tone Yes (SMPTE / EBU / ARIB) / Yes
- Cinelike gamma Cinelike D / Cinelike V
- V-Log L Yes \*Upgrade Software Key DMW-SFU1(Optional) is required.

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## • **PLAYBACK**

- Playback function 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (Max. Slideshow (All / Picture Only / Video Only), Playback Mode (Normal / Picture Only / Video Only), Location Logging, RAW Processing, 4K PHOTO Bulk Saving, Light Composition, Clear Retouch, Title Edit, Text S Video Divide, Time Lapse Video, Stop Motion Video, Resize, Cropping, Rotate, Rotation Display, Favorite Print Set, Protect, Face Recognition Edit, Picture Sort, Delete Confirmation

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## • **IMAGE PROTECTION / ERASE**

- Protection Single / Multi
- Erase Single / Multi / All / Except Favorite

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## • **PRINT**

- Direct Print PictBridge compatible

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## • **INTERFACE**

- Recording media SD Memory Card, SDHC Memory Card, SDXC Memory Card
- Recording media (Compatible with UHS-I UHS Speed Class 3 standard SDHC / SDXC Memory Cards)
- USB USB 2.0 Micro-B
- Audio video output No
- Remote input  $\phi$ 2.5mm for remote
- External microphone input  $\phi$ 3.5mm for external microphone
- Headphone output  $\phi$ 3.5mm for headphone
- Microphone Stereo, Wind-cut: OFF / Standard / High
- Speaker Monaural
- *HDMI* (\*2)
- Monitor-through 4:2:2 8-bit / 4:2:2 10-bit (When 4:2:2 10-bit mode is selected, it is not possible to record motion picture or still picture on the SD memory card in the camera unit.)
- Monitor-through Information display ON/OFF (selectable)
- Monitor-through Automatic down-conversion (4K --> 1080p only)
- Playback microHDMI TypeD / VIERA Link, Audio: LPCM / Stereo
- Playback 59.94Hz: Auto / 4K / 1080p / 1080i / 720p / 480p
- Playback 50.00Hz: Auto / 4K / 1080p / 1080i / 720p / 576p
- Playback 24.00Hz: Auto / C4K / 4K / 1080p

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## • **LANGUAGE**

- OSD language Japanese, English, German, French, Italian, Spanish, Polish, Chinese (Traditional)

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## • **GENERAL**

- *POWER*

- Battery Li-ion Battery Pack (7.2V, 1200mAh, 8.7Wh) (included)
- Battery life (CIPA standard) (\*3) Approx. 350 images (rear monitor), 270 images (LVF)
- *DIMENSIONS / WEIGHT*
- Dimensions (W x H x D) 137.6 x 101.9 x 134.7 mm / 5.42 x 4.01 x 5.30 inch (excluding protrusions)
- Weight Approx. 966g / 2.13 lb (SD card, Battery, Body)
- Weight Approx. 915g / 2.02 lb (Body only)
- *OPERATING ENVIRONMENT*
- Operating temperature 0oC to 40oC (32oF to 104oF)
- Operating humidity 10%RH to 80%RH
- *STANDARD ACCESSORIES*
- Software • The software to edit and playback images on computer is not bundled with DMC-FZ2500. To do this, PHOTOfunSTUDIO is available for download at Panasonic website using computer connected to the Internet.
- [http://panasonic.jp/support/global/cs/soft/download/d\\_pfs99pe.html](http://panasonic.jp/support/global/cs/soft/download/d_pfs99pe.html) (For Windows)
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- • The software to process RAW file on computer is not bundled with DMC-FZ2500. To do this, SILKYPI Developer Studio is available for download at Ichikawa Soft Laboratory's website using computer connect to the Internet.
- <http://www.isl.co.jp/SILKYPIX/english/p/> (For Windows / Mac)
- Standard accessories Battery Charger, Battery Pack, USB Cable, Lens Hood, Lens Cap, Lens Cap String, Shoe Cover, Shoulder Strap
- Standard accessories • The DMC-FZ2500 Operating Instructions for advanced features is available for download at Panasonic LUMIX Customer Support Site using PC, smartphone or tablet connected to the Internet.

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## • NOTES

- PANORAMA SHOT Yes (Standard / Wide)
- CREATIVE CONTROL 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\* \*Photo only.
- OTHER FUNCTIONS Level Gauge, Real-time Histogram, Guide Lines (3 patterns), Center Marker (Still image / motion picture), Highlight display (Still image / motion picture), Zebra Pattern (Still image / motion picture)
- NOTE \*1
- NOTE \* About motion picture recording / 4K PHOTO recording
- 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 picture [4K/100Mbps] [C4K/100Mbps] [FHD/100Mbps] [FHD/200Mbps] or [4K PHOTO].
- NOTE - Use a card with SD Speed Class with "UHS-I Speed Class 1 (U1)" or higher when recording motion pictures in [FHD/50Mbps].
- NOTE - Use a card with SD Speed Class with "Class 4" or higher when recording motion pictures in [FHD/28Mbps].
- NOTE (SD speed class is the speed standard regarding continuous writing.)



- NOTE - MP4 motion pictures with [MP4] in [4K]:
- NOTE - When using an SDHC memory card: You can continue recording without interruption even if the 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 continue recording without interruption even if the size exceeds 96 GB or 3 hours 4 minutes in length, but the motion picture file will be divided and recorded/played back separately.
- NOTE - MP4 motion pictures with [MP4] in [FHD] [HD]:
- NOTE - You can continue recording without interruption even if the file size exceeds 4 GB or 30 minutes in length, but the motion picture file will be divided and recorded/played back separately.
- NOTE - When the ambient temperature is high or continuous recording is performed, the camera may stop recording to protect itself. Wait until the camera cools down.
- NOTE - These are standard times taken at a temperature of 23 °C (73.4 °F) 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 power supply [ON] / [OFF], starting/stopping recording, zoom operation etc.
- NOTE \*2
- NOTE For [4K] or [C4K] video output, use an HDMI cable that has the HDMI logo on it, and that is described as "4K compatible".
- NOTE \*3
- NOTE Recording conditions by CIPA standard
- NOTE - Temperature: 23 °C (73.4 °F) / 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].

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