

## Type

Digital Single Lens Mirrorless camera

## Lens mount

L-Mount

## Image Sensor Type

35mm full-frame (35.6mm x 23.8mm) CMOS sensor

## Camera effective pixels / Total pixels

24.20 megapixels / 25.28 megapixels

## Aspect ratio / Color filter

3:2 / Primary color filter

## Dust reduction system

Image sensor shift type

## Latitude

14+ stops (V-Log)

## Still Image Recording file format

Still image: JPEG (DCF, Exif 2.31), RAW, HLG Photo (CTA-2072)

6K PHOTO / 4K PHOTO: 6K PHOTO: MP4 (H.265/HEVC, Audio format: AAC (2ch))

4K PHOTO: MP4 (H.264/MPEG-4 AVC, Audio format: AAC (2ch))

Extracted still images: JPEG (DCF, Exif 2.31)

## Aspect ratio

4:3 / 3:2 / 16:9 / 1:1 / 65:24 / 2:1

## File size (Pixels)

When using full-frame lenses

3:2

6000x4000(L) / 4272x2848(M) / 3024x2016(S) / 12000x8000(XL) / 8496x5664(LL)

5184x3456(6K PHOTO) / 3504x2336(4K PHOTO) / 5984x4000(HLG PHOTO, Full-Res.) /

3232x2160(HLG PHOTO, 4K-Res.)

4:3

5328x4000(L) / 3792x2848(M) / 2688x2016(S) / 10656x8000(XL) / 7552x5664(LL)

4992x3744(6K PHOTO) / 3328x2496(4K PHOTO) / 5312x3984(HLG PHOTO, Full-Res.) /

2880x2160(HLG PHOTO, 4K-Res.)

16:9

6000x3368(L) / 4272x2400(M) / 3024x1704(S) / 12000x6736(XL) / 8496x4784(LL)

3840x2160(4K PHOTO) / 5888x3312(HLG PHOTO, Full-Res.) / 3840x2160(HLG PHOTO, 4K-Res.)

1:1

4000x4000(L) / 2848x2848(M) / 2016x2016(S) / 8000x8000(XL) / 5664x5664(LL)

2880x2880(4K PHOTO) / 4000x4000(HLG PHOTO, Full-Res.) / 2144x2144(HLG PHOTO, 4K-Res.)

65:24

6000x2208(L)

2:1

6000x3000(L)

When using APS-C/Super 35mm lenses

3:2

3984x2656(L) / 2880x1920(M) / 2064x1376(S) / 3504x2336(4K PHOTO)

4:3

3536x2656(L) / 2560x1920(M) / 1840x1376(S) / 3328x2496(4K PHOTO)

16:9

3984x2240(L) / 2880x1624(M) / 1920x1080(S) / 3840x2160(4K PHOTO)

1:1

2656x2656(L) / 1920x1920(M) / 1376x1376(S) / 2880x2880(4K PHOTO)

#### Image quality

RAW / RAW+Fine / RAW+Standard / Fine / Standard

#### Color space

sRGB, AdobeRGB

#### Motion Picture Recording file format

MOV: H.264/MPEG-4 AVC, H.265/HEVC (Audio format: LPCM (2ch 48kHz/16-bit))

MP4: H.264/MPEG-4 AVC, H.265/HEVC (Audio format: AAC (2ch))

#### Switch NTSC / PAL

Yes (NTSC (59.94Hz) / PAL(50.00Hz))

#### MOV: NTSC (59.94Hz)

Full-frame

[4K] 3840x2160

29.97p, 150Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

23.98p, 150Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

[FHD] 1920x1080

59.94p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

29.97p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

23.98p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

APS-C / Pixel by Pixel

[4K] 3840x2160

59.94p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

59.94p, 150Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

29.97p, 150Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

23.98p, 150Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

[Anamorphic 4K] 3328x2496 (4:3),

29.97p, 150Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

23.98p, 150Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

[FHD] 1920x1080

59.94p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

29.97p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

23.98p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

MOV: PAL (50Hz)

PAL (50.00Hz)

Full-frame

[4K] 3840x2160

25.00p, 150Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

[FHD] 1920x1080

50.00p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

25.00p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

APS-C / Pixel by Pixel

[4K] 3840x2160

50.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

50.00p, 150Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

25.00p, 150Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

[FHD] 1920x1080

50.00p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

25.00p, 100Mbps (4:2:2 10-bit LongGOP) / 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

MP4: NTSC (59.94Hz)

Full-frame

[4K] 3840x2160

29.97p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC)

3.98p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC)

29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

23.98p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

[FHD] 1920x1080

59.94p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

29.97p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

23.98p, 24Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

APS-C / Pixel by Pixel

[4K] 3840x2160

59.94p, 100Mbps (4:2:0 10-bit LongGOP)

(H.265/HEVC, AAC)

29.97p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC)

23.98p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC)

29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

23.98p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

[FHD] 1920x1080

59.94p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

29.97p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

MP4: PAL (50.00Hz)

Full-frame

[4K] 3840x2160

25.00p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC)

25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

[FHD] 1920x1080

50.00p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

25.00p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

APS-C / Pixel by Pixel

[4K] 3840x2160

50.00p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC)<

25.00p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC)

25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

[FHD] 1920x1080

50.00p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

25.00p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

Slow & Quick

MP4: NTSC (59.94Hz)

Full-frame

[FHD] 1920x1080

59.94p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

29.97p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

23.98p, 24Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

1, 2, 5, 10, 15, 30, 60, 100, 120, 150, 180 fps

Angle of view narrows if you select a frame rate with a number of frames 180. The AF mode switches to MF when the frame rate is set to of 150 fps or more

APS-C / Pixel by Pixel

[4K] 3840x2160: 29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

23.98p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

1, 2, 5, 10, 15, 30, 60 fps

MP4: PAL (50.00Hz)

Full-frame

[FHD] 1920x1080: 50.00p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

25.00p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

1, 2, 5, 10, 15, 30, 60, 100, 120, 150, 180 fps

Angle of view narrows if you select a frame rate with a number of frames 180. The AF mode switches to MF when the frame rate is set to of 150 fps or more

MP4: PAL (50.00Hz) (Contd.)

APS-C / Pixel by Pixel

[4K] 3840x2160: 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)

1, 2, 5, 10, 15, 30, 60 fps

Viewfinder Type

OLED Live View Finder

Pixels

Approx. 2.36 million dots

Field of view / Magnification

Approx. 100% / Approx. 0.74x with 50 mm lens at infinity;  $-1.0 \text{ m}^{-1}$ , when the aspect ratio is set to 3:2

Eye point / Diopter adjustment

Approx. 20 mm at infinity;  $-1.0 \text{ m}^{-1}$  /  $-4.0 - +4.0$  (dpt)

Eye sensor

Yes

Display speed

120fps / 60fps

Display time lag

Approx. 0.005sec

Rear Monitor Type

TFT LCD monitor with static touch control

Monitor size

Free-angle, 3.0-inch (7.5cm), 3:2 aspect

Pixels

Approx. 1.84 million dots

Field of view

Approx. 100%

Focus Type

Contrast AF system

DFD technology

Yes

## Focus mode

AFS (Single) / AFC (Continuous) / MF

## AF mode

Auto Detection (Face, Eye, Body, Animal) / Tracking / 225-Area / Zone (Face, Eye, Body, Animal) / Tracking / 225-Area / Zone (Vertical/Horizontal) / Zone (Square) / Zone (Oval) / 1-Area+ / 1-Area / Pinpoint / Custom 1, 2, 3

## AF detective range

EV -6 – 20 (F1.4, ISO100 equivalent, AFS)

## AF custom setting

AF Sensitivity, AF Area Switching Sensitivity, Moving Object Prediction

## AF assist lamp

Yes

## AF lock

Set the Fn button in custom menu to AF lock

## Post Focus / Focus Stacking

Yes / Yes

## Others

AF-ON, AF-ON: Near Shift, AF-ON: Far Shift, Shutter AF, Half Press Release, Focus/Shutter Priority, Quick AF, Continuous AF (during motion picture recording), Eye Sensor AF, AF-Point Scope Setting, AF+MF, MF Guide, MF Assist, Touch MF Assist, Focus Peaking, Touch AF/AE Function, Touch Pad AF, Touch Shutter, Focus Switching for Vert/Hor, Focus Ring Lock, Show/Hide AF Mode, 1-Area AF Moving Speed, Loop Movement Focus Frame, AFC Start Point (225-Area), Lens Focus Resume, Focus Ring Control

## Light metering system

1,728-zone multi-pattern sensing system

## Light metering mode

Multiple / Center Weighted / Spot / Highlight Weighted

## Metering range

EV0-18 (F2.0 lens, ISO100 equivalent)

## Exposure mode

Program AE / Aperture Priority AE / Shutter Priority AE / Manual Exposure

## ISO sensitivity

Auto / 50 / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800 / 25600 / 51200 / 102400 / 204800 (Changeable to 1/3 EV step) (Standard output sensitivity)

## Dual Native ISO

[Normal] Native ISO: 100, 640

Auto: Auto / 50 / 100-51200 / 102400 / 204800

[V-Log] Native ISO: 640, 4000

Auto: Auto / 320 / 640-51200

[HLG] Native ISO: 400, 2500

Auto: Auto / 400-51200 / 102400 / 204800

[Cinelike D2 / Cinelike V2] Native ISO: 200, 1250  
Auto: Auto / 100 / 200–51200 / 102400 / 204800

#### Exposure compensation

1/3 EV step +/-5EV ( +/-3EV for motion picture)

#### AE lock

Set the Fn button in custom menu to AE lock

#### Image Stabilization

Image sensor shift type (5-axis / 5.0-stop)

Dual I.S. (6.5-stop Dual I.S. 2 compatible)

#### White balance

AWB / AWBc / AWBw / 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

#### Shutter Type

Focal-plane shutter

#### Shutter speed

Still image: Bulb (Max. 30 minutes), 1/8,000 – 60

Electronic front curtain shutter: Bulb (Max. 30 minutes), 1/2,000 – 60

Electronic shutter: Bulb (Max. 60 sec), 1/8,000 – 60

Motion picture: 1/16,000 – 1/25

Creative Video M mode / MF mode: 1/16,000 – 1/2

#### Self timer

10sec, 3 images / 2sec / 10sec

#### Remote control

Remote control by DMW-RS2 (sold separately)

#### Silent mode / Shutter type

Yes / Yes (Auto / Mechanical / Electronic front curtain / Electronic / Electronic+NR)

#### AE bracket

3, 5, 7 images in 1/3, 2/3 or 1 EV step, max. +/-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

#### White balance bracket

3 images in blue/amber axis or in magenta/green axis, color temperature setting

#### Burst speed

Mechanical shutter/Electronic front curtain shutter: AFS/MF: H: 7 frames/sec, M: 5 frames/sec  
(with Live View), L: 2 frames/sec (with Live View)

AFC: H: 5 frames/sec (with Live View), M: 5 frames/sec (with Live View), L: 2 frames/sec (with Live View)

Electronic shutter: AFS/MF: H: 7 frames/sec, M: 5 frames/sec (with Live View), L: 2 frames/sec (with Live View)

AFC: H: 5 frames/sec (with Live View), M: 5 frames/sec (with Live View), L: 2 frames/sec (with Live View)

Number of recordable images

RAW/RAW+JPEG: More than 24 images

Number of recordable images

RAW/RAW+JPEG: More than 24 images

6K Photo / 4K Photo Burst speed

6K PHOTO: 30 frames/sec

4K PHOTO: 60 frames/sec, 30 frames/sec

Exif information

Yes (Each JPEG image cropped out of the 6K/4K burst file complies with EXIF.)

Flash type

TTL External Flash (sold separately)

Flash mode

Auto / Auto/Red-eye Reduction/Forced On/Forced On/Red-eye Reduction/Slow Sync./Slow Sync./Red-eye Reduction/Forced Off

Flash synchronization

1st Curtain Sync, 2nd Curtain Sync

Flash output adjustment

1/3EV step +/-3EV

Synchronization speed

Less than 1/250 second

The guide number decreases at 1/250 second. Only when set to M mode or S mode

Wireless control

Yes (When using DMW-FL200L / FL360L / FL580L (sold separately)), Wireless Channel:

1ch/2ch/3ch/4ch

Extra Tele Conversion

2.0x (EX S) (When using full-frame lenses), 1.9x (EX S) (When using APS-C / Super 35mm lenses), 1.4x (EX M)

Photo Style

Standard / Vivid/Natural/Flat / Landscape / Portrait / Monochrome / L. Monochrome / L. Monochrome D / Cinelike D2 / Cinelike V2 / Like709 / V-Log / Standard (HLG) / Monochrome (HLG) / Like2100 (HLG) / My Photo Style 1-10

Picture adjustment

Contrast / Highlight / Shadow / Saturation / Color Tone / Hue / Filter Effect / Grain Effect / Sharpness / Noise Reduction / ISO / WB

Adjustable settings vary depending on the Photo Style mode

Filter



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

Luminance level

8-bit: 0-255 / 16-235 / 16-255

10-bit: 0-1023 / 64-940 / 64-1023

Wave form monitor

Yes

LUT display

LUT View Assist (Monitor) / LUT View Assist (HDMI)

Time code

Count Up: Rec Run/Free Run selectable, Time Code Mode: Drop frame/Non-drop frame  
selectable (When NTSC (59.94Hz) is selected.)

Knee control

Yes (in Like709 mode)

REC

Exposure Comp./Sensitivity/White Balance/Photo Style/Metering Mode/Aspect Ratio/Picture  
Quality/Picture Size/HLG Photo/High Resolution Mode/1 Shot Spot Metering/Long Exposure  
NR/Min. Shutter Speed/1 Shot RAW+JPG/i.Dynamic Range/Filter Effect/One Push AE/Touch  
AE/Exposure Mode/AF Mode/AF Custom Setting(Photo)/AF Custom Setting(Video)/Focus  
Peaking/Focus Peaking Sensitivity/1-Area AF Moving Speed/Focus Ring Lock/AE LOCK/AF  
LOCK/AF/AE LOCK/AF-ON/AF-ON: Near Shift/AF-ON: Far Shift/AF-Point Scope/Focus Area  
Set/Flash Mode/Flash Adjust./Wireless Flash Setup/Drive Mode/1 Shot 6K/4K  
PHOTO/Bracketing/Silent Mode/Image Stabilizer/Shutter Type/Ex. Tele Conv./Live View  
Composite/Post-Focus/Motion Pic. Rec File Format/Motion Pic. Rec Quality/Slow & Quick  
Setting/Time Code Display/Sound Rec Level Disp./Sound Rec Level Adj./Sound Rec Level  
Limiter/Special Mic. Directivity Adjust/Image Stabilizer/E-Stabilization (Video)/Boost I.S.  
(Video)/Image Area of Video/Live Cropping/Q.MENU/Rec/Playback Switch/Video Record  
/LVF/Monitor Switch/Operation Lock/Dial Operation Switch/Preview/Preview Aperture  
Effect/Constant Preview/Level Gauge/Histogram/Luminance Spot Meter/Frame Marker/Photo  
Grid Line/Live View Boost/Monochrome Live View/Night Mode/LVF/Monitor Disp.  
Style/Photo/Video Preview/Zebra Pattern/LUT View Assist (Monitor)/LUT View Assist  
(HDMI)/LUT Select/HLG View Assist(Monitor)/HLG View Assist (HDMI)/Sheer Overlay/I.S.  
Status Scope/Waveform Monitor/Anamorphic Desqueeze Display/Focus Ring Control/Zoom  
Control/Destination Card Slot/Wi-Fi/No Setting/Restore to Default

Play

Magnify from AF Point/LUT View Assist (Monitor)/HLG View Assist (Monitor)/Anamorphic  
Desqueeze Display/RAW Processing/6K/4K PHOTO Bulk Saving/Delete Single/Protect / Rating  
1, 2, 3, 4, 5/Copy/Rec/Playback Switch/LVF/Monitor Switch/Video Record/Night Mode/Card  
Slot Change/Wi-Fi/Send Image (Smartphone)/LUT View Assist (HDMI)/HLG View Assist  
(HDMI)/6K/4K Photo Play/No Setting/Off (Disable Press and Hold)/Restore to Default

## Level Gauge

Yes

## Print

PictBridge compatible

## USB

SuperSpeed USB 3.1 Gen1 Type-C

## HDMI

Monitor-through:

When a mode other than [4K/60p]/[4K/50p] is selected for [Picture Quality]:

4:2:2 10bit, 4:2:2 8bit, 4:2:0 8bit

When [4K/60p]/[4K/50p] mode is selected in [Rec Quality]:

4:2:2 10bit, 4:2:0 8bit

Info Display: ON / OFF (selectable):

HLG View Assist (HDMI): AUTO / MODE1 / MODE2 / OFF (selectable)

Playback:

microHDMI TypeD / VIERA Link, Audio: Stereo:

NTSC (59.94Hz): Auto / 4K/60p / 4K/30p / 1080p / 1080i / 720p / 480p

PAL (50.00Hz): Auto / 4K/50p / 4K/25p / 1080p / 1080i / 720p / 576p

## Remote Input

Dia.2.5mm

## External Mic & Audio Device Input

Dia.3.5mm for external microphone / external audio device

MIC (Plug-in Power) / MIC / LINE is selectable.

Stereo/Lens Auto/Shotgun/Super Shotgun/Manual is selectable when attaching DMW-MS2 (sold separately)

## Headphone Output

Dia.3.5mm

## Microphone

Stereo, Wind Noise Canceller: OFF / Low/ Standard / High (sold separately)

## XLR Microphone

Yes with DMW-XLR1 (sold separately)

## Speaker

Monaural

## SD Card Slot

SD Memory Card, SDHC Memory Card, SDXC Memory Card

Slot 1: Compatible with UHS-I/UHS-II UHS Speed Class 3 standard SDHC/SDXC Memory Cards and UHS-II Video Speed Class 90 standard SDXC Memory Cards.

Slot 2: Compatible with UHS-I UHS Speed Class 3 standard SDHC/SDXC Memory Cards

## Wi-Fi

2.4GHz (STA/AP) (IEEE802.11b/g/n)

5GHz (STA) (IEEE 802.11a/n/ac)

5GHz Wi-Fi is not available in some countries

## Bluetooth

Bluetooth v4.2 (Bluetooth Low Energy (BLE))

## Dust And Splash Resistant

Yes

## Battery

Li-ion Battery Pack (7.2V, 2200mAh, 16Wh) (bundled)

USB power supply, USB power charging

## Battery Life (Cipa Standard)

Approx. 440 images (rear monitor), 470 images (LVF), 1,500 images (Power Save LVF mode) with S-R2060

## Continuous Recordable Time

MP4 [4K/60p]: Approx. 110 min (APS-C, Pixel by Pixel) (LVF), 110 min (APS-C, Pixel by Pixel) (rear monitor)

MOV [4K/60p/4:2:0 10-bit/LongGOP]: Approx. 100 min (APS-C, Pixel by Pixel) (LVF), 110 min (APS-C, Pixel by Pixel) (rear monitor)

## Actual Recordable Time

MP4 [4K/60p]: Approx. 55 min (APS-C, Pixel by Pixel) (LVF), 55 min (APS-C, Pixel by Pixel) (rear monitor)

MOV [4K/60p/4:2:0 10-bit/LongGOP]: Approx. 50 min (APS-C, Pixel by Pixel) (LVF), 55 min (APS-C, Pixel by Pixel) (rear monitor)

## Battery Grip

DMW-BGS5 (sold separately)

## Operating Temperature

0 Degree C to 40 Degree C

## Operating Humidity

10%RH to 80%RH

## Dimensions (W x H x D)

Approx. 132.6 x 97.1 x 81.9mm (excluding protrusions)

## Weight

Approx.: 714g (SD Memory Card x 1, Battery, Body)

Approx.: 630g (Body only)