

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

AR (Anti Reflection) coating

Yes

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

JPEG (DCF, Exif 2.31), RAW

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)/8496x56

64(LL)

4:3:

5328x4000(L)/3792x2848(M)/2688x2016(S)/10656x8000(XL)/7552x56

64(LL)

16:9:

6000x3368(L)/4272x2400(M)/3024x1704(S)/12000x6736(XL)/8496x47

84(LL)

1:1: 4000x4000(L) / 2848x2848(M) / 2016x2016(S) / 8000x8000(XL)/

5664x5664(LL)

65:24: 6000x2208(L)

2:1: 6000x3000(L)

When using APS-C/Super 35mm lenses:

3:2: 3984x2656(L) / 2880x1920(M) / 2064x1376(S)

4:3: 3536x2656(L) / 2560x1920(M) / 1840x1376(S)

16:9: 3984x2240(L) / 2880x1624(M) / 1920x1080(S)

1:1: 2656x2656(L) / 1920x1920(M) / 1376x1376(S)

Image quality

RAW / RAW+Fine / RAW+Standard / Fine / Standard (High Resolution mode: Combined / RAW / RAW+Fine / Fine)

Color space

sRGB, AdobeRGB

Motion Picture Recording file format

MOV: H.264/MPEG-4 AVC, H.265/HEVC

MP4: H.264/MPEG-4 AVC, H.265/HEVC

Audio format

MOV: LPCM (2ch 48kHz/24-bit, 96kHz/24-bit) (4ch 48kHz/24-bit, 96kHz/24-bit)

MP4: AAC (2ch 48kHz/16-bit)

System frequency

59.94Hz / 50.00Hz / 24.00Hz

Image area of video

Full / APS-C / PIXEL/PIXEL

MOV 59.94Hz Full

[6K] 5952x3968 (3:2):

29.97p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

23.98p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[6K] 5952x3136 (17:9):

29.97p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

23.98p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[5.9K] 5888x3312 (16:9):

29.97p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

23.98p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[C4K] 4096x2160:

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

29.97p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

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

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[4K] 3840x2160:

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23.98p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[FHD] 1920x1080:

119.88p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

119.88p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

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

59.94p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

47.95p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

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MOV 59.94Hz APS-C/Pixel

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[3.3K] 3328x2496 (4:3): 47.95p, 200Mbps (4:2:2 10-bit LongGOP)

(H.264/MPEG-4 AVC, LPCM)

47.95p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

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23.98p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[FHD] 1920x1080: 119.88p, 150Mbps (4:2:2 10-bit LongGOP)

(H.264/MPEG-4 AVC, LPCM)

119.88p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

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MOV 50.00Hz Full

[6K] 5952x3968 (3:2): 25.00p, 200Mbps (4:2:0 10-bit LongGOP)

(H.265/HEVC, LPCM)

[6K] 5952x3136 (17:9): 25.00p, 200Mbps (4:2:0 10-bit LongGOP)

(H.265/HEVC, LPCM)

[5.9K] 5888x3312 (16:9): 25.00p, 200Mbps (4:2:0 10-bit LongGOP)

(H.265/HEVC, LPCM)

[C4K] 4096x2160:

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[4K] 3840x2160:

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25.00p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[FHD] 1920x1080:

100.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

100.00p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

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

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25.00p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

MOV 50Hz APS-C/Pixel

[C4K] 4096x2160:

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[3.3K] 3328x2496 (4:3):

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[FHD] 1920x1080:

100.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

100.00p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

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MOV 24Hz Full

[6K] 5952x3968 (3:2): 24.00p, 200Mbps (4:2:0 10-bit LongGOP)

(H.265/HEVC, LPCM)

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(H.265/HEVC, LPCM)

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(H.265/HEVC, LPCM)

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24.00p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[FHD] 1920x1080:

48.00p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)

48.00p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

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MOV 24Hz APS-C/Pixel

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[FHD] 1920x1080:

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24.00p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

MP4 59.94Hz Full

[4K] 3840x2160:

29.97p, 72Mbps (4:2:0 10-bit LongGOP)

23.98p, 72Mbps (4:2:0 10-bit LongGOP)

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)

MP4 59.94Hz APS-C/Pixel

[4K] 3840x2160:

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

MOV 50Hz Full

[4K] 3840x2160:

25.00p, 72Mbps (4:2:0 10-bit LongGOP)

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)

MOV 50Hz APS-C / Pixel

50.00p, 100Mbps (4:2:0 10-bit LongGOP)

25.00p, 72Mbps (4:2:0 10-bit LongGOP)

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[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)

MOV 59.94Hz Full

[FHD] 1920x1080:

59.94p (Maximum output of sensor is 180fps)

29.97p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

23.98p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

MOV 59.94Hz APS-C

[C4K] 4096x2160:

29.97p (Maximum output of sensor is 60fps), 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

23.98p (Maximum output of sensor is 60fps), 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[4K] 3840x2160:

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[FHD] 1920x1080:

59.94p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

29.97p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

23.98p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

MOV 50Hz Full

[FHD] 1920x1080:

50.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

25.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[C4K] 4096x2160: 25.00p (Maximum output of sensor is 60fps), 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[4K] 3840x2160: 25.00p (Maximum output of sensor is 60fps), 150Mbps
(4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[FHD] 1920x1080:

50.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit
LongGOP) (H.265/HEVC, LPCM)

25.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 10-bit
LongGOP) (H.265/HEVC, LPCM)

MOV 24Hz Full

[FHD] 1920x1080: 24.00p (Maximum output of sensor is 180fps),
100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

MOV 24Hz APS-C

[C4K] 4096x2160: 24.00p (Maximum output of sensor is 60fps), 150Mbps
(4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[4K] 3840x2160: 24.00p (Maximum output of sensor is 60fps), 150Mbps
(4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

[FHD] 1920x1080: 24.00p (Maximum output of sensor is 180fps),
100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM)

Viewfinder Type

OLED Live View Finder

Pixels

Approx. 3.68 million dots

Field of view / Magnification

Approx. 100% / Approx. 0.78x with 50 mm lens at infinity; -1.0 m^{-1} , when the aspect ratio is set to 3:2

Eye point / Diopter adjustment

Approx. 21 mm at infinity; -1.0 m^{-1} / $-4.0 - +2.0$ (dpt)

Eye sensor

Yes

Display speed

120fps / 60fps

Rear Monitor Type

TFT LCD monitor with static touch control

Monitor size

Free-angle, 3.0-inch, 3:2 aspect

Pixels

Approx. 1.84 million dots

Field of view

Approx. 100%

Focus Type

Phase Detection AF system / Contrast AF system

DFD technology

Yes

Focus mode

AFS (Single) / AFC (Continuous) / MF

AF mode

Tracking / Full Area AF / Zone (Horizontal/Vertical) / Zone / 1-Area+ /

1-Area / Pinpoint

AF detective range

EV -6 - 18 (F1.4, ISO100 equivalent, AFS)

AF custom setting

AF Sensitivity, AF Area Switching Sensitivity, Moving Object Prediction

AF assist light

Yes

AF lock

Set the Fn button in custom menu to AF lock

Focus ring control

Nonlinear / Linear (90 Degree / 120 Degree / 150 Degree / 180 Degree /
210 Degree / 240 Degree / 270 Degree / 300 Degree / 330 Degree / 360
Degree / 720 Degree / 1080 Degree / Maximum)

Others

AF-ON, AF-ON: Near Shift, AF-ON: Far Shift, Focus Limiter, Focus Peaking,
1-Area AF Moving Speed, AF Micro Adjustment, Continuous AF (during
motion picture recording), Focus/Shutter Priority, Focus Switching for
Vert/Hor, AF/AE Lock Hold, AF+MF, MF Assist, MF Guide

Focus Ring Lock, Show/Hide AF Mode, Shutter AF, Half Press Shutter,
Quick AF, Eye Sensor AF, Loop Focus Frame, Enlarged Live Display (Video),
Touch Shutter, Touch AF/AE Function, Touch Pad AF, Lens Focus Resum

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)

Mode dial

Program AE (P) / Aperture Priority AE (A) / Shutter Priority AE (S) / Manual
Exposure (M) / Creative Video (P/A/S/M) / Slow&Quick / Custom 1, 2, 3 /

Intelligent Auto

Exposure compensation

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

ISO sensitivity (Standard output)

[Normal]: Auto / 50 / 100-51200 / 102400 / 204800 (1/3 or 1 EV step)

[V-Log]: Auto / 320 / 640-51200 (1/3 or 1 EV step)

[HLG]: Auto / 400-51200 / 102400 / 204800 (1/3 or 1 EV step)

Dual Native ISO

[Normal]:

Native ISO: 100, 640

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

Low: Auto / 50 / 100-800

High: Auto / 320 / 640-51200 / 102400 / 204800

[V-Log]:

Native ISO: 640, 4000

Auto: Auto / 320 / 640-51200

Low: Auto / 320 / 640-5000

High: Auto / 2000 / 4000-51200

[HLG]:

Native ISO: 400, 2500

Auto: Auto / 400-51200 / 102400 / 204800

Low: Auto / 400-3200

High: Auto / 2500-51200 / 102400 / 204800

[Cinelike D2 / Cinelike V2]:

Native ISO: 200, 1250

Auto: Auto / 100 / 200-51200 / 102400 / 204800

Low: Auto / 100 / 200-1600

High: Auto / 640 / 1250-51200 / 102400 / 204800

AE lock

Set the Fn button in custom menu to AE lock

Image Stabilization System

B.I.S. (5-axis / 5-stop)

Dual I.S. 2 (6.5-stop)

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 / Custom Time

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

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

H: 9 frames/sec (AFS/MF), 7 frames/sec (AFC) (with Live View)

M: 5 frames/sec (AFS/MF) (with Live View), 5 frames/sec (AFC) (with Live View)

L: 2 frames/sec (AFS/AFC/MF) (with Live View)

Burst speed Electronic shutter

SH30: 30 frames/sec (AFS/AFC/MF)

H: 9 frames/sec (AFS/MF), 8 frames/sec (AFC) (with Live View)

M: 5 frames/sec (AFS/MF) (with Live View), 5 frames/sec (AFC) (with Live View)

L: 2 frames/sec (AFS/AFC/MF) (with Live View)

Number of recordable images

H/M/L:

RAW+JPEG: More than 200 images

RAW: More than 200 images

JPEG: More than 300 images

SH:

RAW / RAW+JPEG / JPEG: 200 images

Flash type

TTL External Flash (sold separately)

Synchronization speed

Less than 1/250 second

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

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 / L. Classic Neo / Flat / Landscape / Portrait /
Monochrome / L. Monochrome / L. Monochrome D / L. Monochrome S /
Cinelike D2 / Cinelike V2 / Like709 / V-Log / REAL TIME LUT / Like2100
(HLG) / Like2100 (HLG) Full Range / My Photo Style 1-4 (5-10)

Photo Style Picture adjustment

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

Filter

Expressive / Retro / Old Days / High Key / Low Key / Sepia / Cross Process
/ Bleach Bypass

LUT Library

Vlog_709 / Set 1-10

Time lapse shot

Yes

Stop motion animation

Yes

Live cropping

Yes (Supports cropping from 5.9K (FULL) 30p/25p/24p video to 4K/FHD
sizes)

SS/Gain operation

Shutter Duration/ISO / Angle/ISO / Shutter Duration/dB

Luminance level

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

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

Synchro scan

Yes

Master pedestal level

31 steps

Color bars / 1kHz test tone

Yes (SMPTE / EBU / ARIB) / Yes

LUT view assist

Supported file types: .vlt, .cube

Monitor / HDMI

HLG view assist

Monitor (MODE1 / MODE2 / OFF) / HDMI (AUTO / MODE1 / MODE2 / OFF)

Anamorphic desqueeze display

2.0x / 1.8x / 1.5x / 1.33x / 1.30x / OFF

Wave form monitor / Vectorscope

Selectable

Knee control

Yes (in Like709 mode)

Red REC frame indicator

ON / OFF

Vertical Position

Still image / Motion picture (ON/OFF)

Level Gauge

Yes

Rec

Exposure Comp. / Dual Native ISO / Sensitivity / White Balance / Photo
Style / Apply LUT / Metering Mode / Aspect Ratio / Picture Quality / Picture
Size / 1 Shot Spot Metering / Long Exposure NR / Min. Shutter Speed / 1
Shot RAW+JPG / i.Dynamic Range / Color Shading Compensation / Filter
Effect / One Push AE / Touch AE / AWB Lock / Exposure Mode / Synchro
Scan / AF Mode / AF Detection Setting
Detecting Subject / AF Custom Setting(Photo) / AF Custom Setting(Video)
/ Focus Limiter / Focus Limiter Range Set / 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 / Focus
Area Set / Enlarged Live Display (Video) / Flash Mode / Flash Adjust. /
Wireless Flash Setup / Drive Mode Setting / Bracketing / Silent Mode

Image Stabilizer / Shutter Type / Ex. Tele Conv. / Rec. File Format / Rec Quality / Rec Quality (My List) / Slow & Quick Setting / Time Code Display / Audio Information / Sound Rec Level Disp. / Mute Sound Input / Sound Rec Level Adj. / Sound Rec Quality / Sound Rec Level Limiter / 4ch Mic Input / XLR Mic Adapter Setting / Sound Monitoring Channel / Image Stabilizer / E-Stabilization (Video) / Boost I.S. (Video) / Image Area of Video

Focus Transition / Live Cropping / Q.MENU / Rec/Playback Switch / Video Record / Video Record (Creative Video) / 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. Set

Video-Priority Display / 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 / WFM/Vector Scope / Anamorphic Desqueeze Display / Color Bars / Focus Ring Control / AF Micro Adjustment / Lens Information / Destination Card Slot / Wi-Fi / Fan Mode / Save to Custom Mode / No Setting / Off (Disable Press and Hold) / Restore to Default

Play

Magnify from AF Point / LUT View Assist (Monitor) / HLG View Assist (Monitor) / Anamorphic Desqueeze Display / RAW Processing / Delete Single / Protect / Rating 1, 2, 3, 4, 5 / Copy / Rec/Playback Switch / LVF/Monitor Switch / Video Record / Video Record (Creative Video) / Night Mode / Card Slot Change

Sound Monitoring Channel(Play) / Wi-Fi / Fan Mode / Send Image (Smartphone) / LUT View Assist (HDMI) / HLG View Assist (HDMI) / No Setting / Off (Disable Press and Hold) / Restore to Default

USB

USB Type-C (SuperSpeed USB 10Gbps (USB 3.2 Gen2))

HDMI

HDMI Type-A:

Audio: ON / OFF, MP4: 2ch, MOV: 2ch (When [4ch Mic Input] is set to OFF.), 4ch (When [4ch Mic Input] is set to ON.)

HDMI Monitor-through

4:2:2 10bit (When [Rec Quality] is set to [4:2:2 10bit] or [4:2:0 10bit].)

4:2:2 8bit (When [Rec Quality] is set to [4:2:0 8bit].)

HDMI Playback

59.94Hz: C4K/60p / C4K/30p / 4K/60p / 4K/30p / 1080/120p / 1080p / 1080i / 720p / 480p

50.00Hz: C4K/50p / C4K/25p / 4K/50p / 4K/25p / 1080/100p / 1080p /
1080i / 720p / 576p

24.00Hz: C4K/24p / 4K/24p / 1080p

Remote input

2.5mm

Build-in microphone

Stereo

Wind Noise Canceller: OFF / Standard / High

External mic/External audio device input

3.5mm for external microphone / external audio device

MIC (Plug-in Power) / MIC / LINE

Wind Cut: OFF / Low / Standard / High

Special Mic: Stereo / Shotgun

XLR microphone

Yes with DMW-XLR1 (sold separately)

4ch mic input

Yes with DMW-XLR1 (sold separately)

Speaker

Monaural

Headphone output

3.5mm

SD card slot

Slot 1, Slot 2

SD Memory Card / SDHC Memory Card / SDXC Memory Card

Count up

Rec Run / Free Run

Time code mode

Drop Frame / Non-Drop Frame (When system frequency [59.94Hz] is selected.)

HDMI time code output

ON / OFF

Fan

Auto1 / Auto2 / Fast / Normal / Slow / OFF

Wi-Fi

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

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

Security: WPA/WPA2/WPA3

Please refer to "Wi-Fi" Sheet

Bluetooth

Bluetooth v5.0 (Bluetooth Low Energy (BLE))

Battery

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

USB power supply, USB power charging, USB power delivery

Battery life (CIPA standard)

Approx. 370 images, 1,250 images (Power Save LVF mode) with S-R2060

Approx. 370 images, 1,200 images (Power Save LVF mode) with S-S50

Continuous rec time (Motion picture)

MP4 [4K/60p]: Approx. 90 min (APS-C), MP4 [FHD/60p]: Approx. 130 min

(FULL)

Actual recordable time (Motion picture)

MP4 [4K/60p]: Approx. 45 min (APS-C), MP4 [FHD/60p]: Approx. 65 min

(FULL)

Battery grip

DMW-BGS5 (sold separately)

Dust and Splash Resistant

Yes

Operating temperature

0 to 40 Degree C

Operating humidity

10 % RH to 80 % RH

Battery Info

Required, included

Battery Material

Lithium-ion

Battery Type

Non-universal

Battery Quantity

1

Dimensions (W x H x D)

Approx. 134 x 102 x 90mm

Weight

Approx. 740g (Body, Hot Shoe Cover, Battery, SD Memory Card x 1)

(Excluding body cap)

Approx. 657g (Body, Hot Shoe Cover) (Excluding body cap)