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ILCE-1



Main Specification

TYPE

35mm full frame (35.9 x 24.0mm), Exmor RS CMOS sensor

NUMBER OF PIXELS (EFFECTIVE)

Approx. 50.1 megapixels

ISO SENSITIVITY (RECOMMENDED EXPOSURE INDEX)

Still images: ISO 100-32000 (ISO numbers up from ISO 50 to ISO 102400 can be set as expanded ISO range.), AUTO (ISO 100-12800, selectable lower limit and upper limit), Movies: ISO 100-32000 equivalent, AUTO (ISO 100-12800, selectable lower limit and upper limit)

STILL IMAGES

Approx. 430 shots (Viewfinder) / approx. 530 shots (LCD monitor) (CIPA standard)

WITH BATTERY AND MEMORY CARD INCLUDED

Approx. 737 g

DIMENSIONS (W X H X D)

Approx. 128.9mm x 96.9mm x 80.8mm, Approx. 128.9mm x 96.9mm x 69.7mm (FROM GRIP TO MONITOR)

Full Specification

General

CAMERA TYPE

Interchangeable lens digital camera

LENS MOUNT

E-mount

Image sensor

TYPE

35mm full frame (35.9 x 24.0mm), Exmor RS CMOS sensor

NUMBER OF PIXELS (EFFECTIVE)

Approx. 50.1 megapixels

NUMBER OF PIXELS (TOTAL)

Approx. 50.5 megapixels

IMAGE SENSOR ASPECT RATIO

3:2

COLOR FILTER

R, G, B primary color

ANTI-DUST FUNCTION

Yes (Charge protection coating on Optical Filter and ultrasonic vibration mechanism)

Recording system (still image)

RECORDING FORMAT

JPEG (DCF Ver. 2.0, Exif Ver. 2.32, MPF Baseline compliant), HEIF (MPEG-A MIAF compliant), RAW (Sony ARW 4.0 format compliant)

IMAGE SIZE (PIXELS) [3:2]

35mm full frame L: 8640 x 5760 (49.7M), M: 5616 x 3744 (21M), S: 4320 x 2880 (12.4M), APS-C M: 5616 x 3744 (21M), S: 4320 x 2880 (12.4M)

IMAGE SIZE (PIXELS) [4:3]

35mm full frame L: 7680 x 5760 (44.2M), M: 4992 x 3744 (18.6M), S: 3840 x 2880 (11M), APS-C M: 4992 x 3744 (18.6M), S: 3840 x 2880 (11M)

IMAGE SIZE (PIXELS) [16:9]

35mm full frame L: 8760 x 4864 (42M), M: 5616 x 3160 (17.7M), S: 4320 x 2432 (10.5M), APS-C M: 5616 x 3160 (17.7M), S: 4320 x 2432 (10.5M),

IMAGE SIZE (PIXELS) [1:1]

35mm full frame L: 5760 x 5760 (33M), M: 3744 x 3744 (14M), S: 2880 x 2880 (8.2M), APS-C M: 3744 x 3744 (14M), S: 2880 x 2880 (8.2M)

IMAGE SIZE (PIXELS) [SWEEP PANORAMA]

-

IMAGE QUALITY MODES

RAW (Compressed / Lossless Compressed / Uncompressed) JPEG (Extra fine / Fine / Standard / Light) HEIF (4:2:0 / 4:2:2) (Extra fine / Fine / Standard / Light) RAW & JPEG RAW & HEIF

14BIT RAW

Yes

PICTURE EFFECT

-

CREATIVE STYLE

-

CREATIVE LOOK

ST, PT, NT, VV, VV2, FL, IN, SH, BW, SE, Custom Look (1-6)

PICTURE PROFILE

Yes (Off / PP1-PP11) Parameters: Black level, Gamma (Movie, Still, S-Cinetone, Cine1-4, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1-3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset

DYNAMIC RANGE FUNCTIONS

Off, Dynamic Range Optimizer

COLOR SPACE

sRGB standard (with sYCC gamut), Adobe RGB standard and Rec. ITU-R BT.2100 standard (BT.2020 gamut).
When [HLG Still Image] setting is set to [On].

Recording system (movie)

RECORDING FORMAT

XAVC S XAVC HS

VIDEO COMPRESSION

XAVC S: MPEG-4 AVC/H.264 XAVC HS: MPEG-H HEVC/H.265

AUDIO RECORDING FORMAT

LPCM 2ch(48kHz 16bit), LPCM 2ch(48kHz 24bit), LPCM 4ch(48kHz 24bit), MPEG-4 AAC-LC 2ch
When using accessories that support 4ch output/24bits with the Multi Interface Shoe.
Proxy movies

PICTURE EFFECT

-

CREATIVE STYLE

-

CREATIVE LOOK

ST, PT, NT, VV, VV2, FL, IN, SH, BW, SE, Custom Look (1-6)

PICTURE PROFILE

Yes (Off / PP1-PP11) Parameters: Black level, Gamma (Movie, Still, S-Cinetone, Cine1-4, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1-3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset

COLOR SPACE

Rec. ITU-R BT.2100 standard compatible (BT.2020 gamut)
When [Gamma] is set to [HLG] and [Color Mode] is set to [BT.2020] in [Picture Profile].

Movie recording system (XAVC HS 8K)

7680 X 4320 (4:2:0, 10BIT, NTSC) (APPROX.)

30p (400Mbps / 200Mbps) 25p (400Mbps / 200Mbps)

7680 X 4320 (4:2:0, 10BIT, PAL) (APPROX.)

24p (400Mbps / 200Mbps)

Movie recording system (XAVC HS 4K)

3840 X 2160 (4:2:0, 10BIT, NTSC) (APPROX.)
120p (200Mbps) 100p (200Mbps) 120p (280Mbps)

3840 X 2160 (4:2:0, 10BIT, PAL) (APPROX.)
100p (280Mbps) 60p (150Mbps / 75Mbps / 45Mbps)

3840 X 2160 (4:2:2, 10BIT, NTSC) (APPROX.)
50p (150Mbps / 75Mbps / 45Mbps) 60p (200Mbps / 100Mbps) 50p (200Mbps / 100Mbps)

3840 X 2160 (4:2:2, 10BIT, PAL) (APPROX.)
24p (100Mbps / 50Mbps / 30Mbps) 24p (100Mbps / 50Mbps)

Movie recording system (XAVC S 4K)

3840 X 2160 (4:2:0, 8BIT, NTSC) (APPROX.)
120p (200Mbps) 60p (150Mbps) 30p (100Mbps / 60Mbps) 24p (100Mbps / 60Mbps)

3840 X 2160 (4:2:0, 8BIT, PAL) (APPROX.)
100p (200Mbps) 50p (150Mbps) 25p (100Mbps / 60Mbps)

3840 X 2160 (4:2:2, 10BIT, NTSC) (APPROX.)
120p (280Mbps) 60p (200Mbps) 30p (140Mbps) 24p (100Mbps)

3840 X 2160 (4:2:2, 10BIT, PAL) (APPROX.)
100p (280Mbps) 50p (200Mbps) 25p (140Mbps)

Movie recording system (XAVC S HD)

1920 X 1080 (4:2:2, 10BIT, NTSC) (APPROX.)
120p (100Mbps / 60Mbps) 100p (100Mbps / 60Mbps) 60p (50Mbps)

1920 X 1080 (4:2:2, 10BIT, PAL) (APPROX.)
50p (50Mbps) 60p (50Mbps / 25Mbps)

1920 X 1080 (4:2:0, 8BIT, NTSC) (APPROX.)
50p (50Mbps / 25Mbps)

1920 X 1080 (4:2:0, 8BIT, PAL) (APPROX.)
30p (50Mbps)

1920 X 1080 (4:2:0, 8BIT, NTSC) (APPROX.)
25p (50Mbps)

1920 X 1080 (4:2:0, 8BIT, PAL) (APPROX.)
30p (50Mbps / 16Mbps)

1920 X 1080 (4:2:0, 8BIT, NTSC) (APPROX.)
25p (50Mbps / 16Mbps)

1920 X 1080 (4:2:0, 8BIT, PAL) (APPROX.)
24p (50Mbps)

1920 X 1080 (4:2:0, 8BIT, NTSC) (APPROX.)
24p (50Mbps)

Movie recording system (XAVC S-I 4K)

3840 X 2160 (4:2:2, 10BIT, NTSC) (APPROX.)
60p (600Mbps) 50p (500Mbps) 30p (300Mbps)

3840 X 2160 (4:2:2, 10BIT, PAL) (APPROX.)
25p (250Mbps) 24p (240Mbps)

Movie recording system (XAVC S-I HD)

1920 X 1080 (4:2:2, 10BIT, NTSC) (APPROX.)
60p (222Mbps) 50p (185Mbps) 30p (111Mbps)

1920 X 1080 (4:2:2, 10BIT, PAL) (APPROX.)
25p (93Mbps) 24p (89Mbps)

Movie recording system (AVCHD)

1920 X 1080 (4:2:0, 8BIT, NTSC)
-

1920 X 1080 (4:2:0, 8BIT, PAL)
-

Slow & Quick Motion (S&Q)

IMAGE FRAME RATE

NTSC mode:

1fps,2fps,4fps,8fps,15fps,30fps,60fps,120fps, 240fps
PAL mode: 1fps,2fps,3fps,6fps,12fps,25fps,50fps,100fps, 200fps

When [Movie recordingsystem]is[XAVCHS 8k], S&Q isnotavailable.

240 or 200 fps is not available when using [XAVC HS 4K], [XAVC S 4K], or [XAVC S-I 4K] file formats.

Movie function

AUDIO LEVEL DISPLAY

Yes

AUDIO REC LEVEL

Yes

PAL/NTSC SELECTOR

Yes

PROXY RECORDING

Yes (1280 x 720 (Approx. 6Mbps), 1920 x 1080(Approx. 9Mbps), 1920 x 1080(Approx. 16Mbps))

TC/UB

Yes

AUTO SLOW SHUTTER

Yes

GAMMA DISP. ASSIST

Yes

RAW OUTPUT

Yes (HDMI)

Recording system

LOCATION INFORMATION LINK FROM SMARTPHONE

Yes

MEDIA

SD memory card SDHC memory card (UHS-I/II compliant) SDXC memory card (UHS-I/II compliant) CFexpress Type A memory card

MEMORY CARD SLOT

SLOT1: Multi slot for SD (UHS-I/II compliant) memory card / CFexpress Type A card, SLOT2: Multi slot for SD (UHS-I/II compliant) memory card / CFexpress Type A card

RECORDING MODE ON 2 MEMORY CARDS

Simult. Rec, Sort, Auto Switch Media, Copy

FILE SYSTEM

FAT12, 16, 32, exFAT

NOISE REDUCTION

Long exposure NR: On/Off, available at shutter speeds longer than 1 sec. High ISO NR: Normal / Low / Off

White balance

MODES

Auto / Daylight / Shade / Cloudy / Incandescent / Fluorescent / Flash / Underwater / Color Temperature (2500 to 9900K) & color filter / Custom

SHUTTER AWB LOCK

Yes (Shut. Halfway Down / Cont. Shooting / Off)

Focus system

TYPE

Fast Hybrid AF (phase-detection AF / contrast-detection AF)

FOCUS SENSOR

Exmor RS CMOS sensor

FOCUS POINT

35mm full frame: 759 points (phase-detection AF), APS-C mode with FF lens: 759 points (phase-detection AF), with APS-C lens: 575 points (phase-detection AF) / 425 points (contrast-detection AF)

SENSITIVITY RANGE

EV-4 to EV20 (ISO100 equivalent with F2.0 lens attached)

AF MODE

AF-S (Single-shot AF), AF-C (Continuous AF), DMF (Direct Manual Focus), Manual Focus

FOCUS AREA

Wide / Zone / Center / Spot / Expand Spot / Tracking

EYE-START AF

-

EYE AF

[Still images] Human (Right/Left Eye Select) / Animal (Right/Left Eye Select) / Bird, [Movie] Human (Right/Left Eye Select)

OTHER FEATURES

Predictive control Focus lock AF Track Sens. (Still) AF Subj. Shift Sensitivity (Movie) AF Transition Speed (Movie) Switch V/H AF Area AF Area Regist. Circ. of Focus Point

AF ILLUMINATOR

Yes (with Built-in LED type)

AF ILLUMINATOR RANGE

Approx. 0.3m - approx. 3.0m (with FE 28-70mm F3.5-5.6 OSS lens attached)

AF MICRO ADJUSTMENT

-

Exposure control

METERING TYPE

1200-zone evaluative metering

METERING SENSOR

Exmor RS CMOS sensor

METERING SENSITIVITY

EV-3 to EV20 (at ISO100 equivalent with F2.0 lens attached)

MODES

Multi-segment Center-weighted Spot (Standard / Large) Spot Entire Screen Avg. Highlight

EXPOSURE MODES

AUTO (iAuto) Programmed AE (P) Aperture priority (A) Shutter-speed priority (S) Manual (M) Movie (Programmed AE (P) / Aperture priority (A) / Shutter-speed priority (S) / Manual (M) / Flexible Exp. Mode) Slow & Quick Motion (Programmed AE (P) / Aperture priority (A) / Shutter-speed priority (S) / Manual (M) / Flexible Exp. Mode)

SCENE SELECTION

-

EXPOSURE COMPENSATION

+/- 5.0EV (1/3 EV, 1/2 EV steps selectable) (with exposure compensation dial: +/- 3EV (1/3 EV steps))

BRACKETING

Bracket: Cont., Bracket: Single, 3/5/9 frames selectable. (Ambient light, Flash light)

AE LOCK

Locked when shutter button is pressed halfway. Available with AE lock button. (On/Off/Auto)

ISO SENSITIVITY (RECOMMENDED EXPOSURE INDEX)

Still images: ISO 100-32000 (ISO numbers up from ISO 50 to ISO 102400 can be set as expanded ISO range.), AUTO (ISO 100-12800, selectable lower limit and upper limit), Movies: ISO 100-32000 equivalent, AUTO (ISO 100-12800, selectable lower limit and upper limit)

ANTI-FLICKER SHOOT.

Yes

Viewfinder

TYPE

1.6 cm (0.64 type) electronic viewfinder (Quad-XGA OLED)

NUMBER OF DOTS

9,437,184 dots

CONTROL FUNCTION

Brightness, Color temperature, Magnifi.

FIELD COVERAGE

100%

MAGNIFICATION

Approx. 0.90x (with 50mm lens at infinity, $-1\text{m} < \sup > -1 < / \sup >$)

DIOPTER ADJUSTMENT

-4.0 to $+3.0\text{m} < \sup > -1 < / \sup >$

EYE POINT

Approx. 25mm from the eyepiece lens, 21mm from the eyepiece frame at $-1\text{m} < \sup > -1 < / \sup >$ (CIPA standard)

DISPLAY FUNCTION

Histogram, Real-time image-adjustment display, Digital level gauge, Grid line, Focus check, Peaking MF, Zebra, Movie marker, Emphazed display during REC

FINDER FRAME RATE SELECTION

STD 60fps / HI 120fps / HI+ 240fps
When [FinderFrameRate] is set to [HI+], [Standard] is not available in [Viewfinder Magnification].

LCD screen

TYPE

7.5cm (3.0-type) type TFT

TOUCH PANEL

Yes

NUMBER OF DOTS (TOTAL)

1,440,000 dots

BRIGHTNESS CONTROL

Manual (5 steps between -2 and +2), Sunny Weather mode

DISPLAY FUNCTION

Histogram, Real-time image-adjustment display, Digital level gauge, Grid line, Focus check, Peaking MF, Zebra, Movie marker, For viewfinder, Monitor Off, Emphazed display during REC

ADJUSTABLE ANGLE

Up by Approx. 107 degrees, Down by Approx. 41 degrees

FOCUS CHECK

Yes, Focus Magnifier (35mm full frame: 4.2x / 8.5x, APS-C: 2.7x / 5.5x)

Face detection

MODES

Face/Eye Priority in AF, Face Priority in Multi Metering, Regist. Faces Priority

Clear Image Zoom

STILL IMAGES

Approx. 2x

MOVIES

Approx. 1.5x (4K), Approx. 2x (HD)

Digital zoom

SMART ZOOM (STILL IMAGES)

35mm full frame: M: approx. 1.5x, S: approx. 2x APS-C: S: approx. 1.3x

DIGITAL ZOOM (STILL IMAGES)

35mm full frame: L: approx. 4x, M: approx. 6.2x, S: approx. 8x APS-C: M: approx. 4x, S: approx. 5.2x

DIGITAL ZOOM (MOVIE)

35mm full frame: approx. 4x APS-C: approx. 4x

Shutter

TYPE

Electronically-controlled, vertical-traverse, focal-plane type

SHUTTER TYPE

Auto / Mechanical shutter / Electronic shutter

SHUTTER SPEED

[Still images, Single shot] Mechanical Shutter: 1/8000 to 30 sec, Bulb, AUTO: 1/32000 to 30 sec, Bulb, Electronic Shutter: 1/32000 to 30 sec, [Still images, Continuous shooting] Mechanical Shutter: 1/8000 to 30 sec, AUTO: 1/32000 to 1/2 sec, Electronic Shutter: 1/32000 to 1/2 sec, [Movies]: 1/8000 to 1/4 (1/3 steps) up to 1/50 in AUTO mode (up to 1/25 in Auto slow shutter mode)

FLASH SYNC. SPEED

With compatible Sony external flash
[Mechanical shutter], [Flash Sync. Priority] is [ON] or [AUTO]: 1/400 sec (35mm full frame), 1/500 sec (APS-C), [Flash Sync. Priority] is [OFF]: 1/320 sec (35mm full frame), 1/400 sec (APS-C), [Electrical shutter], 1/200 sec (35mm full frame), 1/250 sec (APS-C)

ELECTRONIC FRONT SHUTTER CURTAIN

Yes

SILENT SHOOTING

Yes (ON/OFF)

SteadyShot INSIDE (image stabilization)

TYPE

Image Sensor-Shift mechanism with 5-axis compensation (Compensation depends on lens specifications)

COMPENSATION EFFECT (STILL IMAGES)

5.5 stops (based on CIPA standard. Pitch/yaw shake only. With Planar T* FE 50mm F1.4 ZA lens mounted. Long exposure NR off.)

MODE

[Still images] On / Off, [Movie] Active / Standard / Off

Flash

TYPE	-	GUIDE NO.	-
FLASH COVERAGE	-	CONTROL	Pre-flash TTL
FLASH COMPENSATION	+/- 3.0 EV (switchable between 1/3 and 1/2 EV steps)	FLASH MODES	Flash off Autoflash Fill-flash Slow Sync. Rear Sync. Red-eye reduction (on/off selectable) Wireless Hi-speed sync. <i>With compatible external flash</i>
RECYCLING TIME	-	EXTERNAL FLASH	Sony α System Flash compatible with Multi Interface Shoe, attach the shoe adaptor for flash compatible with Auto-lock accessory shoe
FE LEVEL LOCK	Yes	WIRELESS CONTROL	Yes (Light signal: Available with Fill-flash, Slow Sync., Hi-speed sync. / Radio signal: Available with Fill-flash, Rear Sync., Slow Sync., Hi-speed sync.)

Drive

DRIVE MODES	Single Shooting Continuous shooting (Hi+/Hi/Mid/Lo selectable) Self-timer Self-timer (Cont.) Bracket: Single Bracket: Cont. White Balance bracket DRO bracket	SELF-TIMER	10 sec. delay / 5 sec. delay / 2 sec. delay / Continuous self-time / Bracketing self-timer
PIXEL SHIFT MULTI SHOOTING	Yes (4 shots / 16 shots) <i>ImagesshotinPixel ShiftMulti Shooting mode can be processed using a dedicated imaging software by Sony.</i>	SPEED (APPROX., MAX.)	<i>Varies according to shooting conditions or memory card used</i> AUTO/Electronic Shutter: Continuous shooting: Hi+: 30 fps, Hi: 20 fps, Mid: 15fps, Lo: 5 fps, Mechanical Shutter: Continuous shooting: Hi+: 10 fps, Hi: 8 fps, Mid: 6fps, Lo: 3 fps <i>When A-mount lens is used via mountadaptor, the speed of continuous shooting varies depending on the attached lens.</i> <i>When the Focus Mode is set to AF-C (Continuous AF), the speed of continuous shooting varies depending on the attached lens. See Sony support page for compatibility details.</i> <i>Continuous Drive Speed at a setting of Hi/Mid/Lo is selectable.</i> <i>During uncompressed RAW shooting, 20 images are shot per second at maximum.</i>
NO. OF FRAME RECORDABLE* (APPROX.)	<i>Varies according to shooting conditions or memory card used</i> JPEG Extra fine L: 182 frames JPEG Fine L: 400 frames JPEG Standard L: 400 frames RAW: 238 frames RAW & JPG: 192 frames RAW (Lossless Compressed): 96 frames RAW (Lossless Compressed) & JPG: 83 frames RAW (Uncompressed): 82 frames RAW (Uncompressed) & JPG: 78 frames		

Playback

MODES	Single (with or without shooting information Y RGB histogram & highlight / shadow warning) Index view Enlarged display mode (L: 21.6x, M: 14.0x, S: 10.8x) Auto Review Image orientation Folder selection (Date / Still / Movie) Protect Rating Display as Group	PHOTO CAPTURE	Yes
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Interface

PC INTERFACE
Mass-storage / MTP

MULTI / MICRO USB TERMINAL
Supports Micro USB compatible device.
Yes

USB TYPE-C® TERMINAL
Yes (SuperSpeed USB 10Gbps (USB 3.2) compatible)

NFC
Yes (NFC forum Type 3 Tag compatible)

SYNC. TERMINAL
Yes

WIRELESS LAN(BUILT-IN)
Yes (Wi-Fi Compatible, IEEE 802.11a/b/g/n/ac (2.4GHz band/5GHz band))
(Configuration method/Access method)WPS or manually /infrastructure mode. When connecting to smartphones, the camera can always work as a base without a wireless access point. (Security: WEP/WPA-PSK/WPA2-PSK)
Models sold in some countries/regions support IEEE 802.11b/g/n (2.4GHz) wireless LAN only.

BLUETOOTH
Yes (Bluetooth Standard Ver. 5.0 (2.4GHz band))

HDMI CONNECTOR
HDMI connector (Type-A) 3840 x 2160 (60p / 50p / 30p / 25p / 24p) / 1920 x 1080 (60p / 50p / 24p) / 1920 x 1080 (60i / 50i), YCbCr 4:2:2 10bit / RGB 8bit 7860 x 4320 (30p / 24p / 25p), YCbCr 4:2:0 8bit 4332 x 2446 (60p / 50p / 30p / 25p / 24p), Raw 16bit

MULTI INTERFACE SHOE
Sony accessories for the Accessory Shoe can be attached.
Yes (with Digital Audio Interface)

MIC TERMINAL
Yes (3.5 mm Stereo minijack)

HEADPHONE TERMINAL
Yes (3.5 mm Stereo minijack)

WIRED
-

REMOTE CONTROL (WIRELESS)
Yes (IR remote control / Bluetooth remote control)

VERTICAL GRIP CONNECTOR
Yes

LAN TERMINAL
Yes (100BASE-T, 100BASE-TX, 10BASE-T)

FUNCTIONS
FTP Transfer Func.(Wired LAN, USB Tethering, Wi-Fi)
View on Smartphone Remote control via Smartphone
NFC One-touch remote PC Remote BRAVIA Sync
(Control for HDMI) PhotoTV HD NFC One-touch sharing

Audio

MICROPHONE
Built-in, stereo

SPEAKER
Built-in, monaural

Print

COMPATIBLE STANDARDS
Exif Print, Print Image Matching III

Custom function

CUSTOM KEY SETTINGS
Yes

MY MENU
Yes

MY DIAL SETTINGS
Yes

REG CUST SHOOT SET
Yes

PROGRAMMABLE SETTING
Yes (Body 3 sets /memory card 4 sets)

Lens compensation

LENS COMPENSATION
Peripheral Shading, Chromatic Aberration, Distortion

Power

BATTERY

One rechargeable battery pack NP-FZ100

STILL IMAGES

The LCD screen is turned on, shot once every 30 seconds, operate zoom alternately between W and T ends, flash strobe once every two times, turn power off and on once every ten times.

Approx. 430 shots (Viewfinder) / approx. 530 shots (LCD monitor) (CIPA standard)

MOVIES (ACTUAL RECORDING)

Indication recording time, which is defined by repeating the cycle: Power on, start recording, zoom, stand-by and power off.

Approx. 90 min. (Viewfinder) / Approx. 95 min. (LCD monitor) (CIPA standard)

MOVIES (CONTINUOUS RECORDING)

Approx. 145 min. (Viewfinder) / Approx. 150 min. (LCD monitor) (CIPA standard)

INTERNAL BATTERY CHARGE

Yes (Available with USB Type-C Terminal. USB Power Delivery compatible)

USB POWER SUPPLY

Yes (Available with USB Type-C Terminal. USB Power Delivery compatible)

EXTERNAL POWER (AC ADAPTOR)

-

Power consumption

WITH VIEWFINDER

Still images: approx. 4.6W (with FE 28-70mm F3.5-5.6 OSS lens attached), Movies: approx. 6.8W (with FE 28-70mm F3.5-5.6 OSS lens attached)

WITH LCD SCREEN

Still images: approx. 3.7W (with FE 28-70mm F3.5-5.6 OSS lens attached), Movies: approx. 6.6W (with FE 28-70mm F3.5-5.6 OSS lens attached)

Weight

WITH BATTERY AND MEMORY CARD INCLUDED

Approx. 737 g

OZ. WITH BATTERY AND MEMORY CARD INCLUDED

approx. 1 lb 10.0 oz

BODY ONLY

Approx. 652 g

OZ. BODY ONLY

approx. 1 lb 7.0 oz

Dimensions

DIMENSIONS (W X H X D)

Approx. 128.9mm x 96.9mm x 80.8mm, Approx. 128.9mm x 96.9mm x 69.7mm (FROM GRIP TO MONITOR)

INCHES. DIMENSIONS (W X H X D)

Approx. 5 1/8 x 3 7/8 x 3 1/4 inches, Approx. 5 1/8 x 3 7/8 x 2 3/4 inches (FROM GRIP TO MONITOR)

Operating Temperature

OPERATING TEMPERATURE

32 - 104 degrees F / 0 - 40 degrees C

Supplied Accessory

KIT LENS

-

SUPPLIED ACCESSORY

Rechargeable Battery NP-FZ100 Battery Charger BC-QZ1 Power cord Cable Protector Shoulder strap Body cap Accessory shoe cap Eyepiece cup USB-A to USB-C cable (USB 3.2)