

## ZVE10M2B

### Alpha ZV-E10 II - APS-C Interchangeable Lens Mirrorless Content Creators' Camera

The ZV-E10 II features a 26-megapixel<sup>1</sup> APS-C back-illuminated Exmor R™ CMOS image sensor, wide selection of interchangeable lenses, advanced audio and expressive features for content creators, like Creative Looks and Cinematic Vlog setting<sup>4</sup> to enhance creative expression and flip-out vari-angle LCD with intuitive touch operation and rotating UI makes shooting both horizontal and vertical video a breeze.



### Bullets

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- 26MP<sup>1</sup> APS-C Exmor R™ CMOS Sensor and fast BIONZ XR™ processor
- Wide lens selection with versatile E-mount system
- Up to 4K/60p and HD/120p for slow motion movie<sup>2</sup> rec.
- AF tracking w/ Real-time Eye AF for human/animal/bird
- 10x Creative Looks w/ 8x Parameter adjustments
- Add a dramatic touch with the Cinematic Vlog Setting<sup>4</sup>
- 3" flip-out, vari-angle touch LCD w/ rotating UI for vertical video
- Background Defocus button instantly toggles between bokeh on/off
- Product Showcase Setting transitions focus from face to object
- 3-Capsule directional mic w/ wind screen, 3.5mm jack, MI shoe audio
- Image stabilization w/ active mode<sup>6</sup> suppresses shake even while walking
- Easy live streaming w/ USB to PC or Wi-Fi direct via RTMP/RTMPS/SRT<sup>7</sup>
- Easy speed-up and slowed-down motion with S&Q (Slow & Quick)<sup>8</sup>
- Interval Shooting for stunning time-lapse videos<sup>9</sup>
- Face Priority AE keeps faces exposed correctly in harsh lighting
- Optimized color with enhanced skin-tone reproduction
- Pro video functions incl. S-Cinetone, S-Log3/2 and user LUTs
- 7x adjustable AF Transition Speeds, 5x AF Subject Shift Sensitivity
- Up to 11fps<sup>10</sup> with AE/AF tracking for photos
- Multi Interface Shoe™ for external mic. and accessories
- USB 3.2 Type-C® (SuperSpeed USB 5 Gbps) high-speed wired transfer
- No 29m 50s continuous recording limit for movie shooting
- Creators' App for easy camera control and file sharing<sup>11</sup> w/ your phone
- Easy-to-push REC button with front facing tally light
- Soft Skin Effect enhances face appeal for still and movie
- 5GHz<sup>5</sup> Wi-Fi® for livestreaming<sup>7</sup>, easy file transfer and remote camera control
- Compact lightweight and easy to handle body grip

### Features

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#### Exmor R™ CMOS sensor

The ZV-E10 II features Sony's most advanced sensor technology in an APS-C back-illuminated Exmor R™ CMOS image sensor with approximately 26 megapixels<sup>1</sup>. Compared to other cameras, the image sensor of the ZV-E10 II is approximately ten times bigger than the average smartphone sensor and three times bigger than 1-type (1-inch) sensor found in compact cameras, allowing for beautiful, professional-looking images with high resolution and intricate detail.

#### The latest BIONZ XR™ image processing engine

The latest BIONZ XR™ image processing engine delivers extraordinary detail and sharpness with a standard ISO range<sup>3</sup> that extends from 100 to 32000. Thanks to the high-speed readout, 5.6K oversampling compresses a vast amount of information into stunning 4K60p<sup>2</sup> footage (QFHD: 3840 x 2160).

#### Interchangeable lenses to capture your vision

From the G Master™ series, which blends breathtaking resolution with exquisite bokeh, to the G Lens™ series with first-class image quality, the ZV-E10 II is compatible with a wide range of E-mount lenses from Sony. The ZV-E10 II lens kit comes with the versatile E PZ 16-50mm F3.5-5.6 OSS II zoom lens.

## **Create your look in camera**

The Creative Look function makes it simple to create expressive moods for stills and movies in-camera, offering 10 presets that can be used as they are or customized. Try the My Image Style function<sup>12</sup> for further expressive versatility. When shooting in the Intelligent Auto or Scene Selection mode, it allows the background bokeh, brightness, and color tone to be easily adjusted via icons on the touch screen.

## **Cinematic expression**

Cinematic Vlog Setting<sup>4</sup> provides an intuitive way to create cinematic footage without having to deal with complex camera settings. Take advantage of the five "Looks" such as S-Cinetone™ that enhances skin tones, or "Moods"<sup>4</sup> that emphasize specific colors to create cinematic footage to match the scene and your vision.

## **High-density 759-point focal plane phase detection AF<sup>13</sup>**

The latest BIONZ XR™ image processing engine and optimized algorithms produce notably improved autofocus performance. A high-density array of 759 focal plane phase-detection AF points<sup>13</sup> ensures consistently smooth, precise focus.

## **Precise subject tracking with Real-time Eye AF**

Real-time Eye AF recognizes—with high precision—the faces and eyes of humans, as well as the eyes of animals and birds, for consistently accurate and reliable focus. Real-time Tracking ensures that focus is maintained on the subject as it moves around in the frame.

## **Clear, beautiful skin tones**

The camera consistently depicts colors and textures of human skin no matter the lighting. With upgraded gradation rendering capabilities, it captures better looking skin tones and highlight roll-off in portraits, while skin tones are independently optimized for stills and movies.

## **Capture those fleeting moments**

With up to 60 fps<sup>2</sup> in 4K and 120 fps<sup>2</sup> capture in Full HD, you can record stunning motion sequences using the S&Q mode<sup>8</sup> at 5x slow motion (HD 24p playback). Time-lapse sequences can be created in-camera and the exposure interval can be set from 1 second to 60 seconds<sup>9</sup>. Continuous still shooting with the camera's electronic shutter is possible at up to 11 fps<sup>10</sup> with full AF/AE tracking.

## **Stable handheld shooting**

Active Mode<sup>6</sup> electronic image stabilization employs a precision gyroscope and advanced algorithm to accurately measure and compensate for camera shake, providing highly effective stabilization without sacrificing mobility, even when shooting 4K. With compatible lenses, breathing compensation<sup>14</sup> automatically adjusts for minor angle-of-view shifts when the lens focus changes, delivering distraction-free, rack focusing.

## **Intelligent 3-capsule microphone**

An advanced directional 3-capsule microphone offers excellent pickup and noise reduction performance, making it easier than ever to record clear, high-quality audio. Select Auto or choose from Front, Rear, or All Directions settings to match a variety of recording situations and environments.

## **Enhanced audio for shooting and editing**

The ZV-E10 II is supplied with a windscreen to significantly reduce noise when shooting in outdoor situations. For more versatile audio capture, digital audio interfaces are supported by the camera's Multi Interface (MI) Shoe, enabling direct transfer of high-quality digital audio with minimal degradation to the camera from external microphones, such as the optional ECM series.

## **4K 60p<sup>2</sup> / 10-bit 4:2:2 All-Intra**

The ZV-E10 II supports a range of recording formats, including 10-bit 4:2:2 video and All-Intra compression at up to 4K 60p<sup>2</sup>. Metadata can be imported, enabling efficient post-production in software like Catalyst Browse, Catalyst Prepare / Plugin and Master Cut.

## **S-Log3 gamma for extra wide dynamic range**

The wide dynamic range of S-Log3 recording can bring out the best in captured footage, allowing powerful post processing flexibility for truly refined movie imagery.

## **Vertical format supported**

The layout of the shooting information shown on the display automatically switches to match horizontal or vertical orientations, seamlessly matching your needs in any situation. Easily shoot for any social media format.

## Touch operation for vertical, horizontal, or selfie shots

A vari-angle LCD monitor facilitates shooting from just about any angle. Swiping in from the left or right edge of the shooting display reveals touch icons that allow quick changes to the shooting mode and more. The function (Fn) menu can be displayed by swiping up on the monitor.

## C1 (Custom 1) and Background Defocus

The C1 (Custom 1) button can be assigned to a frequently used function for quick one-touch access. For instance, its default setting Background Defocus allows you to easily and instantly increase the amount background blur to emphasize a main subject.

## Customization for efficient content creation

The Product Showcase button makes it easy to shoot product videos by smoothly switching focus from a face to a product. A quick menu of frequently used functions can be assigned to the Fn (Function) button. In viewing mode, the Smartphone Transfer (Send to Smartphone) button calls up the display for transferring images to a smartphone<sup>11</sup>.

## Live streaming<sup>7</sup> and simple sharing

The ZV-E10 II supports 5 GHz<sup>5</sup> Wi-Fi, making it ideal for wireless livestreaming<sup>7</sup>. The SuperSpeed USB 5 Gbps (USB 3.2) Type-C<sup>®</sup> port also allows highspeed wired transfer to a PC or smartphone<sup>17</sup> for easy post-production and sharing on social media platforms.

## Creators' Cloud platform

The Creators' Cloud platform supports creative work, from shooting to production, by combining advanced camera technology from Sony with cloud-based AI. Explore web, mobile, and PC-based apps that provide efficient solutions for integrating cameras with shooting and production apps and services.<sup>11</sup>

Learn More about Creators' Cloud: <https://creatorscloud.sony.net/en-us/>

## Creators' App<sup>11</sup>

Creators' App is a smartphone application that allows you to connect Sony cameras to the cloud, enhancing functionality and convenience in shooting and sharing<sup>11</sup>.

Learn more about Creators' App: <https://creatorscloud.sony.net/catalog/en-us/creatorsapp/index.html>

## High battery capacity allows extended shooting

The ZV-E10 II uses a high-capacity NP-FZ100 battery, allowing continuous movie recording for up to 195 minutes<sup>15</sup> per charge. Quick charging is possible with USB PD (Power Delivery). During livestreaming<sup>7</sup> (USB streaming), power can also be supplied from an external computer via a USB cable.

## Compact, lightweight, and comfortable to hold

The ZV-E10 II measures just 67.5 mm (2 3/4 inches) high by 114.8 mm (4 5/8 inches) wide by 54.2 mm (2 1/4 inches) deep with a body that weighs just 292 grams<sup>16</sup> (approx. 10.3 oz)—a remarkable achievement for a camera that uses a high-capacity NP-FZ100 battery. Its hold and feel are enhanced by a specially shaped and textured grip.

## Sony's Road to Zero plan

Sony's Road to Zero environmental plan was launched in 2010 with the goal of achieving a zero environmental footprint. Our Green Management 2025 plan defines intermediate targets and progress on the way to the ultimate zero-footprint goal. Measures have been taken to reduce the environmental footprint of this product at every stage of its life cycle: from product development through supply chain, production, and packaging.

Learn more about Road to ZERO

## Recyclable non-plastic packaging materials

Sony is working towards the use of non-plastic packaging materials<sup>18</sup> that provide ample protection against shock and impact. Plant-based nonwoven fabrics are used for product bags. All of this helps to minimize environmental stress.

## Accessible for all

The ZV-E10 II offers accessible solutions such as being equipped with Sony's Screen Reader function<sup>19</sup> that reads menus and video playback screens aloud to assist operations, a menu Magnify Display function has been added to support the creative activities of a variety of creators.

## Specification

### General

CAMERA TYPE	Interchangeable lens digital camera
LENS MOUNT	E-mount
<b>Camera Section</b>	
SENSOR TYPE	APS-C type (23.3 x 15.5 mm), Exmor R CMOS sensor
NUMBER OF PIXELS (TOTAL)	Approx. 27.0 megapixels
NUMBER OF PIXELS (EFFECTIVE)	Still images: Approx. 26.0 megapixels max., Movies: Approx. 19.9 megapixels max. *Number of effective pixels varies depending on attached lenses and camera settings.
OPTICAL LOW PASS FILTER	-
COLOR TEMPERATURE RANGE	2500 K - 9900 K
ANTI-DUST SYSTEM	-
<b>Recording (still images)</b>	
RECORDING FORMAT	JPEG (DCF Ver. 2.0, Exif Ver. 2.32, MPF Baseline compliant), HEIF (MPEG-A MIAF compliant), RAW (Sony ARW 5.0 format compliant)
IMAGE SIZE (PIXELS) [3:2]	APS-C L: 6192 x 4128 (26 M), M: 4384 x 2920 (13 M), S: 3104 x 2064 (6.4 M)
<b>Recording (movie)</b>	
VIDEO COMPRESSION	XAVC S: MPEG-4 AVC/H.264, XAVC HS: MPEG-H HEVC/H.265
AUDIO RECORDING FORMAT	LPCM 2ch (48 kHz 16 bit), LPCM 2ch (48 kHz 24 bit), LPCM 4ch (48 kHz 24 bit) *When using accessories that support 4ch output / 24 bits with the Multi Interface Shoe.
<b>Recording System (movie)</b>	
MOVIE RECORDING FORMAT (XAVC HS 4K)	3840 x 2160 (4:2:0, 10bit) (Approx.):59.94p (150 Mbps / 75 Mbps / 45 Mbps), 3840 x 2160 (4:2:0, 10bit) (Approx.):50p (150 Mbps / 75 Mbps / 45 Mbps), 3840 x 2160 (4:2:0, 10bit) (Approx.):23.98p (100 Mbps / 50 Mbps / 30 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):59.94p (200 Mbps / 100 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):50p (200 Mbps / 100 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):23.98p (100 Mbps / 50 Mbps)
MOVIE RECORDING FORMAT (XAVC S 4K)	3840 x 2160 (4:2:0, 8bit) (Approx.):59.94p (150 Mbps), 3840 x 2160 (4:2:0, 8bit) (Approx.):50p (150 Mbps), 3840 x 2160 (4:2:0, 8bit) (Approx.):29.97p (100 Mbps / 60 Mbps), 3840 x 2160 (4:2:0, 8bit) (Approx.):25p (100 Mbps / 60 Mbps), 3840 x 2160 (4:2:0, 8bit) (Approx.):23.98p (100 Mbps / 60 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):59.94p (200 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):50p (200 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):29.97p (140 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):25p (140 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):23.98p (100 Mbps)
MOVIE RECORDING FORMAT (XAVC S HD)	1920 x 1080 (4:2:0, 8bit) (Approx.):119.88p (100 Mbps / 60 Mbps), 1920 x 1080 (4:2:0, 8bit) (Approx.):100p (100 Mbps / 60 Mbps), 1920 x 1080 (4:2:0, 8bit) (Approx.):59.94p (50 Mbps / 25 Mbps), 1920 x 1080 (4:2:0, 8bit) (Approx.):50p (50 Mbps / 25 Mbps), 1920 x 1080 (4:2:0, 8bit) (Approx.):29.97p (50 Mbps / 16 Mbps), 1920 x 1080 (4:2:0, 8bit) (Approx.):25p (50 Mbps / 16 Mbps), 1920 x 1080 (4:2:0, 8bit) (Approx.):23.98p (50 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):59.94p (50 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):50p (50 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):29.97p (50 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):25p (50 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):23.98p (50 Mbps)
MOVIE RECORDING FORMAT (XAVC S-I 4K)	3840 x 2160 (4:2:2, 10bit) (Approx.):59.94p (600 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):50p (500 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):29.97p (300 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):25p (250 Mbps), 3840 x 2160 (4:2:2, 10bit) (Approx.):23.98p (240 Mbps)
MOVIE RECORDING FORMAT (XAVC S-I HD)	1920 x 1080 (4:2:2, 10bit) (Approx.):59.94p (222 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):50p (185 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):29.97p (111 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):25p (93 Mbps), 1920 x 1080 (4:2:2, 10bit) (Approx.):23.98p (89 Mbps)
<b>Movie Function</b>	
SLOW & QUICK MOTION (SHOOTING FRAME RATE)	Yes
PROXY RECORDING	Yes

TC / UB	Yes
RAW OUTPUT	-
MEMORY CARD SLOT	Slot for SD (UHS-I/II compliant) memory card
<b>Focus System</b>	
FOCUS TYPE	Fast Hybrid AF (phase-detection AF / contrast-detection AF)
FOCUS POINT	Still images: Max. 759 points (phase-detection AF), Movies: Max. 495 points (phase-detection AF)
FOCUS SENSITIVITY RANGE	EV-3 to EV20 (ISO100 equivalent with F2.0 lens attached)
RECOGNITION TARGET (STILL IMAGES)	Human, Animal, Bird
RECOGNITION TARGET (MOVIES)	Human, Animal, Bird
OTHER FEATURES	AF Level for Crossing. (Still), AF Track for Speed Changes. (Still), AF Subj. Shift Sensitivity (Movie), AF Transition Speed (Movie), Switch V/H AF Area, AF Area Regist., Circ. of Focus Point, Focus Map (Movie), AF Assist (Movie)
AF ILLUMINATOR	-
<b>Exposure Control</b>	
METERING TYPE	1200-zone evaluative metering
METERING SENSITIVITY	EV-3 to EV20 (ISO100 equivalent with F2.0 lens attached)
EXPOSURE COMPENSATION	+/- 5.0 EV (1/3 EV, 1/2 EV steps selectable)
ISO SENSITIVITY	Still images: ISO 100 - 32000 (expandable to ISO 50 - 102400), AUTO (ISO 100 - 6400, selectable lower limit and upper limit), Movies: ISO 100 - 32000 equivalent*, AUTO (ISO 100 - 6400, selectable lower limit and upper limit) *When [SteadyShot] is set to [Standard] or [Off]. ISO 100 - 6400 equivalent when [SteadyShot] is set to [Active].
ANTI-FLICKER SHOOT.	-
TYPE	-
<b>LCD Screen</b>	
MONITOR TYPE	7.5 cm (3.0-type) type TFT
TOUCH PANEL	Yes
NUMBER OF DOTS	1 036 800 dots
ADJUSTABLE ANGLE	Opening Angle: Approx. 176 °, Rotation Angle: Approx. 270 °
<b>Other Features</b>	
OTHER FEATURES	Product Showcase Set, Background Defocus, Soft Skin Effect, Creative Look, Custom function, Picture Profile, Time-lapse, Cinematic Vlog Setting, My Image Style, Vertical Display
CLEAR IMAGE ZOOM (STILL IMAGES)	Approx. 2x
CLEAR IMAGE ZOOM (MOVIES)	Approx. 1.5x (4K), Approx. 2x (HD)
<b>Shutter</b>	
SHUTTER TYPE	Electronic shutter
SHUTTER SPEED	Still images (Electronic shutter): 1/8000 to 30 s, Movies: 1/8000 to 1 s
FLASH SYNC. SPEED	1/30 s *With compatible Sony external flash
<b>Image Stabilization</b>	
TYPE	Still images: Image stabilization supported on lens, Movie: Image stabilization supported on lens (Standard Mode) / Electronic (Active Mode)

COMPENSATION EFFECT	-
MODE	Still images: On / Off, Movie: Active / Standard / Off
<b>Flash</b>	
TYPE	-
CONTROL	Pre-flash TTL
FLASH COMPENSATION	+/- 3.0 EV (switchable between 1/3 and 1/2 EV steps)
EXTERNAL FLASH COMPATIBILITY	Sony $\alpha$ System Flash compatible with Multi Interface Shoe, attach the shoe adaptor for flash compatible with Auto-lock accessory shoe
<b>Drive</b>	
CONTINUOUS DRIVE SPEED (APPROX. MAX.)	Hi+: 11 fps *Varies according to shooting conditions or memory card used
NO. OF FRAME RECORDABLE (APPROX.)	JPEG Extra fine L: 143 frames, JPEG Fine L: over 1000 frames, JPEG Standard L: over 1000 frames, RAW: 59 frames, RAW & JPG: 44 frames, RAW (Lossless Compressed): 22 frames, RAW (Lossless Compressed) & JPEG: 17 frames *Varies according to shooting conditions or memory card used
PIXEL SHIFT MULTI SHOOTING	-
<b>Playback</b>	
MODES	Enlarged display mode, Protect, Rating, Shot Mark (Movie), Divider Frame, Crop, Photo Capture
<b>Accessibility</b>	
FUNCTIONS	Screen Reader, Focus Magnifier, Focus Map (Movie), Peaking Display, Subject Recognition in AF, Touch Focus, Touch Tracking, Touch Shutter, Touch AE, Vari-angle LCD screen, Custom function, Enlarge Menu Screen
<b>Interface</b>	
PC INTERFACE	Mass-storage / MTP
USB TYPE-C TERMINAL	Yes (SuperSpeed USB 5 Gbps (USB 3.2) compatible)
NFC™	-
SYNC TERMINAL	-
WIRELESS LAN (BUILT-IN)	Yes (Wi-Fi Compatible, IEEE 802.11a/b/g/n/ac (2.4 GHz band/5 GHz 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/WPA3-SAE). **Models sold in some countries/regions support IEEE 802.11b/g/n (2.4GHz) wireless LAN only.
BLUETOOTH	Yes (Bluetooth Standard Ver. 4.2 (2.4 GHz band))
HDMI OUTPUT	HDMI micro connector (Type-D), 3840 x 2160 (59.94p / 50p / 29.97p / 25p / 23.98p) / 1920 x 1080n(59.94p / 50p / 23.98p) / 1920 x 1080 (59.94i / 50i), YCbCr 4:2:2 10bit / RGB 8bit
MULTI INTERFACE SHOE	Yes (with Digital Audio Interface) *Sony accessories for the Accessory Shoe can be attached.
MIC TERMINAL	Yes (3.5 mm Stereo minijack)
HEADPHONE TERMINAL	Yes (3.5 mm Stereo minijack)
REMOTE CONTROL (WIRELESS)	Yes (Bluetooth remote control)
LAN TERMINAL	-
FUNCTIONS	Send to smartphone, Remote control via smartphone, Remote Shooting
<b>USB Streaming</b>	
VIDEO DATA FORMAT	MJPEG, YUV420

	*When [Resolution] is set to [HD(720p)], [MJPEG] is only available.
VIDEO RESOLUTION	3840 x 2160 (15p / 30p), 3840 x 2160 (12.5p / 25p), 1920 x 1080 (30p / 60p), 1920 x 1080 (25p / 50p), 1280 x 720 (30p), 1280 x 720 (25p)
AUDIO DATA FORMAT	LPCM 2ch (16bit 48 kHz)
<b>Network Streaming</b>	
VIDEO DATA FORMAT	MPEG-4 AVC/H.264, MPEG-H HEVC/H.265 *When [Protocol] is set to [RTMP/RTMPS], [MPEG-4 AVC/H.264] is only available.
VIDEO RESOLUTION	3840 x 2160 (30p), 3840 x 2160 (25p), 2560 x 1440 (30p), 2560 x 1440 (25p), 1920 x 1080 (30p / 60p), 1920 x 1080 (25p / 50p), 1280 x 720 (30p / 60p), 1280 x 720 (25p / 50p)
AUDIO DATA FORMAT	AAC-LC 2ch (16bit 48 kHz)
PROTOCOL	RTMP, RTMPS, SRT
<b>Audio</b>	
MICROPHONE	Built-in, stereo
SPEAKER	Built-in, monaural
<b>Lens Compensation</b>	
SETTING	Shading, Chromatic Aberration, Distortion, Breathing (Movie)
<b>Power</b>	
SUPPLIED BATTERY	One rechargeable battery pack NP-FZ100
BATTERY LIFE (STILL IMAGES)	Approx. 610 shots (LCD monitor) (CIPA standard) *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.
BATTERY LIFE (MOVIE, ACTUAL RECORDING)	Approx. 130 min (LCD monitor) (CIPA standard) *Indication recording time, which is defined by repeating the cycle: Power on, start recording, zoom, stand-by and power off.
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)
POWER CONSUMPTION WITH LCD SCREEN	Still images: Approx. 3.2 W (with E PZ 16-50mm F3.5-5.6 OSS II lens attached), Movies: Approx. 5.0 W (with E PZ 16-50mm F3.5-5.6 OSS II lens attached)
<b>Size &amp; Weight</b>	
BODY ONLY	Approx. 292 g / Approx. 10.3 oz
DIMENSIONS (W X H X D)	Approx. 114.8 x 67.5 x 54.2 mm (from grip to monitor)/Approx. 4 5/8 x 2 3/4 x 2 1/4 inches (from grip to monitor)
With Battery and Memory Card	Approx. 377 g / Approx. 0 lb 13.3 oz
<b>Operating Temperature</b>	
OPERATING TEMPERATURE	0 - 40 °C / 32 - 104 °F
<b>Supplied Accessory</b>	
WHAT'S IN THE BOX	Rechargeable Battery NP-FZ100, Shoulder strap, Wind Screen, Wind Screen Adaptor, Body cap

1. Approximate effective megapixels
2. Recording frame rates are listed as integer values, but the actual frame rates are as follows: 24p = 23.98 fps, 30p = 29.97 fps, 60p = 59.94 fps, and 120p = 119.88 fps.
3. Expandable to ISO 50 - 102400 when shooting stills. ISO range is 100 - 6400 when SteadyShot is set to Active.
4. Available in "Movie" and "S&Q" modes. Not available for XAVC S-I 4K recording in S&Q mode. Proxy recording is deactivated. When [Mono] Look is selected, [Mood] setting is not available. Black bands above and below the image are recorded as part of the image. The image area between the black bands is Cinemascope aspect ratio, but aspect ratio of the entire recorded image area is 16:9.
5. 5GHz communication may be restricted in some countries and regions.
6. Slight image crop in Active Mode. Active Mode is not available when recording at frame rates of 120 fps/100 fps or higher, including S&Q. ISO range is 100 - 6400 when SteadyShot is set to Active in movie mode.

7. The server info and stream key for the streaming service to be used must be registered before use. Recommend using Creator's App to setup streaming.
8. Audio recording is not available in the S&Q mode.
9. Shooting time will vary according to conditions. Use the [Interval Timer] function to shoot time-lapse sequences at long intervals (e.g. 10 minutes or more). Maximum exposure interval is 6 seconds when shooting 4K.
10. In "Hi+" continuous shooting mode.
11. The Creators' App available free for both Android and iOS, is required for transfer to a smartphone. Visit <https://www.sony.net/cca/> for regional availability.
12. In the Intelligent Auto or Scene Selection mode.
13. 759 AF points when shooting stills. The number of AF points depends on the shooting mode.
14. Angle of view and image quality may change slightly when this feature is turned on. Please refer to support page for compatibility and more details; [https://support.d-imaging.sony.co.jp/www/cscs/function/compatibility.php?area=jp&lang=en&cs\\_ref=slct\\_lang&inc=1001](https://support.d-imaging.sony.co.jp/www/cscs/function/compatibility.php?area=jp&lang=en&cs_ref=slct_lang&inc=1001)
15. When the battery is fully charged, using the SEL1635/2 lens and recording in XAVC S HD 60p 50M 4:2:0 8-bit.
16. Without battery and SD card.
17. Depending on the time of production, SORPLAS™ may not be used for some parts.
18. Not including materials used in coatings and adhesives.
19. Supported languages differ depending on the sales region.

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