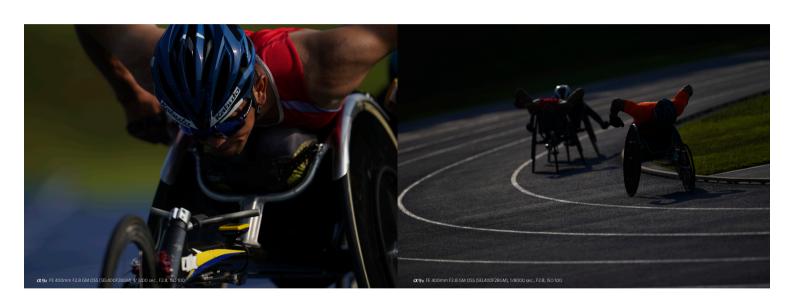
sony $\alpha 9 \alpha 9 1$













 α 9

 α 9 π

Feature comparison

Communication LAN Terminal

Real-time Tracking

Related functions

Built-in Wireless LAN (Wi-Fi*)

Speed

Reliability

Operability

| | Software Ver. 6.0 |
|--------------------------------|---|
| Bursts with electronic shutter | Hi: max. 20 fps" • Mid: max. 10fps • Lo: max. 5 fps |
| Bursts with mechanical shutter | Hi: max. 5 fps • Mid: max. 5fps • Lo: max. 2.5 fps |

Movies: -

Background transfer to FTP server

Original file size saved to computer during PC Remote
 PC remote shooting via USB and wired LAN

Exmorted BIONZX @40 FOCUS Tru-Finder 4K

 α

 α 9 π •Hi: max. 20 fps⁻¹ • Mid: max. 10fps • Lo: max. 5 fps

| •Hi: max. 10 fps • Mid: max. 8 fps • Lo: max. 3 fps |
|--|
| Yes ⁻² |
| Yes |
| Stills: Human (Right/Left Eye Select) / Animal Movies: Human (Right/Left Eye Select) |
| 5.5 steps |
| • 1000BASE-T • 100BASE-TX • 10BASE-T |
| IEEE 802.11a/b/g/n/ac (2.4GHz band/5GHz band) nd |
| Multi/Micro USB Terminal (USB 2.0) USB Type-C™ Terminal (USB 3.2 Gen 1) |
| Background transfer to FTP server Original or 2MP file size saved to computer during PC Remote PC remote shooting via USB, Wi-Fi* and wired LAN Voice Meno Save Load FTP Settings function |

[•] Save/I Improved response Slot 1: UHS-I/II SD card, Slot 2: UHS-I SD card /Memory Stick Duo compatible Slot 1 & 2: UHS-II SD card compatible • Refined grip, buttons/controls





Improved dust-and moisture-proof performance⁻⁵ Save/Load Settings function
 Focus frame positioning while the shutter button

is half-pressed 10/100-image review jump during playback

New 4:3 aspect ratio (stills)
 Digital Audio Interface support
 Extra Creative Style control (sharpness up to +/-5)

^{1.} At Chazar speedungs or has 1975 set; at AF-C mode the insulance con-ficiency faller and set groups on the specific groups and sets used of features faller and set groups of the set groups of the set of 2 Mechanical waters. Only 2004 and 3004 filese is developed, containing the document of the set of the set of the set of the set of the document of the set of ESER septodes, or mode incoding.
2 CPA candidate, Paranyaya death only Planat 1º FS Samer PL & Zalvers, Long

suppose short.

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*In Models cold in come countriechegions cupport sittle 802 titung in [2.4 dea]

*In Not guaranteed store of 300% dubt and in motione pountries and regions.

Expanding digital horizons

all and all II, except where nated

The revolutionary image sensor and high-speed processing of the d9 and d9 II reach performance levels far beyond the commental improvements gained through decades of mechanical refinement. There is no velerified be biddout. Continuous shooting speeds exceed those possible with mechanical shruters. Higher shutter speeds are available, and all without noise or vibration. The ability to keep an eye on moving subjects at all times leads to faulties. AF and AE tracking, and the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minimum of the photographer's view is consistently up-to-date with an absolute minim

Sony presents a new class of digital imaging



35mm full-frame stacked CMOS sensor with integral memory



No viewfinder blackout

 Fast, vibration-free, silent electronic shutter

 Continuous tracking of moving subjects for foolproof AF

 A direct viewfinder image of the subject and final image

Built for speed

.....

Fast full-frame stacked CMOS image sensor with integral memory

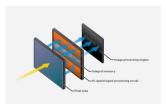
Exmor RE

The of and of 01 lemploy an Emmor RS™ image sensor with a stacked structure designed specifically for high speed (Damatically) increased readout speed easily overcomes the limitations of conventional camera mechanisms. The circuit layer is separate from the puel layer to separate for on that the scale and capabilities of the integrated high-speed signal processing occulty can be significantly enhanced, and a produced.

BIONZ X™ supports speedy performance



An enhanced BIONZ X image-processing engine works with the fast image sensor achieve maximum speed and performance. In a BIONZ x processor and a front-end LSI deliver higher performance in a number of critical areas including autofocus speed and precision, face detection speed and precision, and EVF display response.



Beyond the mechanical speed barrier

"of and of 5, expectation to

20₁₀

Continuous shooting at up to 20 fps⁻¹

Shoot continuous bursts at up to 20 frames per second** with uninterrupted viewing and AF/AE tracking. A large buffer memory makes it possible to capture up to 239 compressed RAM images* or 361 JPEG images** In one continuous burst. The truly important moments will never be missed.

*1"H" cominuou choosing mode. At churter speed chigher than 1705 sec. In AF-C mode the maximum continuous frame carwall depend on the choosing mode and lank uses. Viscrisory's capport web page for lens compatibility information. *2"H" continuous choosing mode compressed MRI URF in emproy cast. Some text.



Oblackout

Blackout-free shooting

Ever since the film era, camera mechanisms have been designed with shutter and mirror mechanisms that interrupt the incoming light when creating a photographic image. It is time for a change. The electronic vewindine or offers all bearting experience for all types of image making with blackout-free shooting. You have a continuous, uninterrupted view of the subject with a 60 fight view-view refersh rake and minimal display law while shooting continuous but on the properties of the subject with a 60 fight view-view refersh rake and minimal display law while shooting continuous when the properties of t

ing will be dower at dow chutter speeds.



60 times per secon

Continuous AF/AE calculation

The of and of II never rest. They employ an ingenious blend of mirrorless construction and new speed enhancing technologies to allow autofocus and auto-exposure calculations to continue even between the frames. Unprecedented sensor readout speed means that subject motion and exposure changes can be tracked without interruption during continuous shorting, "egapties or release timing, Up to 60 calculations are made per second," providing accurate racking of complex, erraits subject motion and brightness changes.



60 tim

20 frames/sec

decibe

Silent, vibration-free electronic shutter

The evolved electronic shutter in the of and off ill operates silently, without mechanical noise that can be disruptive when shooting soors or events in a quite environment. The fact that the electronic shutter is vibration free also minimizes the likelihood of vibration-induced blur, further contributing to superior resolution and image quality. What's more, it is maximum 172000 sec." speed exceeds the limits of mechanical systems for visatify expanded exposure freedom as well as the ability to maintain shallow deep to fill did in Jord conditions without having to use NO Titlers. The high speed of the electronic shutter also helps to minimize distortion⁵ of moving subjects.

ile only in the 5 and M modes. The highest shutter speed in all other modes is 1/16000, me choosing situations, Refer to the support page for details.



Fast, dependable focus in any situation

of and off It, except where noted.



Wide

693 point full-area phase-detection AF

693 phase-detection autofocus points in a high-density focal plane phase-detection AF system cover approximately 935 of the image area. Increased phase-detection AF image coverage and density ensures improved precision and unfailing focus in scenes where focus would be difficult to achieve with smaller coverage.

Fast

Fast Hybrid AF System

Fast phase-detection autofocus that offers excellent tracking works with high-precision contrast autofocus to achieve significantly improved Fast Hybrid AF System has been optimized for speed, making it easier than ever to capture the moment. Even fast-moving subjects can be captured with confidence.

Steadfast

Up to 60 AF calculations per second*

An uninterrupted stream of Ar Calculations maximizes AF performance, percisely and reliably locking onto and traction proving subjects in a wide range of photographic situations. Ar Calculation continues even during electronic shutter releases on that complex subject motion can be tracked and sudden movements can be predicted with greater percision than even before. New performance-tuned AF algorithms in the of III schieve even more reliable tracking of fast, erratically moving subjects that can be difficult to follow.







Flexible Focus Area Modes

The $\alpha 9$ and $\alpha 9$ II feature a versatile selection of focus area modes that provide optimum AF operation for a wide range of subjects and shooting situations. There is Wide, Zone, Center, Flexible Spot (with 5, M, and L variations). Expand Flexible Spot, and Tracking for all of the above.





Ligand Helicile Spot

Extended focus control and precision

Reliable low-light AF

Low light won't prevent the $\alpha 9$ or $\alpha 9$ II from focusing accurately. The image sensor's outstanding sensitivity leads to reliable detection and high AF precision down to light levels as low as EV-3* at the equivalent of ISO 100 with an F2.0 lens.



AF Tracking Sensitivity

The sensitivity with which autofocus will follow subjects that move outside the focus area can be adjusted in 5 steps when shooting stills. Higher sensitivity is best for subjects at varying distances, while lower sensitivities can keep focus on a subject that is briefly obscured by other object.

Switch Vertical and Horizontal AF Area

Separate or identical focus areas and points can be used for horizontal and vertical camera orientations. The ability to use separate focus areas and points reduces the need to readjust focus when shooting portraits or any subject that requires frequent camera orientation changes.



Focus area circulation

A setting allows the focus area to be circulated through the upper, lower, left, and right edges of the frame. This makes it easy to select an appropriate focus area for sports or other situations where the subject frequently moves from one edge to the other.

AF Area Registration

Frequently used focus point settings can be memorized and instantly recalled via custom button assignments. Focus area mode settings can also be memorized and recalled as required for fast, convenient operation.



Focus frame color & positioning

 α 9 π

The da II focus frame color can be set to white or red, improving visibility in situations where subject and focus frame color contrast is low. It is also possible to move and position the focus frame as required while the shutter button is half-pressed, making it easier to capture significant moments when shoot-ing sports or other situations where subject motion is difficult to predict.*

* The self-locus frame-color can be set to grey, white, or red. Only the self-t allows focus frame positioning while the discrete button is half-pressed.

Advanced AF enables all-new shooting styles

Real-time Tracking

Real-time Tracking is a state-of-the-art feature that employs artificial intelligence to tenaciously track moving subjects when shooting stills or movies. Accurate focus is maintained automatically while the shutter button is half-pressed. The subject to be tracked can also be specified by touching it on the monitor when the Touch Tracking function is engaged. An advanced subject recognition algorithm uses color, pattern (brightness), and subject distance (depth) data to process spatial information in real time. If the subject is a person, Al is used to detect and keep track of the subject's eye and face in real time for extremely high tracking precision. The focus area will seamlessly change between face and eve according to the condition of the subject



m F2.8 GM OSS (SEL400F28GM), 1/3200 sec., F2.8, ISO 100

Another evolution in Real-time Eye AF (Human)

Real-time Eve AF employs artificial intelligence to detect and process eve data in real time, and track the subject's eye with unprecedented precision. This function can be activated via an assigned custom key, or by simply pressing the AF-ON button or half-pressing the shutter button. When used with the Real-time Tracking function, tracking will continue even if the camera is temporar. ily unable to locate the subject's eye, so it is easier than ever to shoot dynamic portraits of moving subjects. Response when using a custom key assignment has been improved for even faster shooting.



Real-time Eye AF animal mode* tracks animal eyes

Advanced Al-based subject recognition technology now allows fast, precise, automatic detection and tracking of animal eyes." This new capability can vastly increase success rates when photographing animals in a variety of settings or pets at home. Real-time Eye AF animal mode can be initiated either by pressing an assigned custom button or by halfpressing the shutter button."2



situations.

2 Solis only "Animal" mode must be selected via the Face-Siye AF Settings menu before shooting.

Captivating depth and detail

24.2 effective megapixel" full-frame Exmor RS CMOS image sensor offers more than just speed

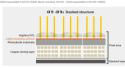


The 24.2 effective meganized full-frame CMOS image sensor used in the organized full-frame countries and integral memory that contribute to outstanding speed. It also includes a number of features that contribute to stunning image quality. High sensitivity, a back-illuminated configuration, gapless on-chip lens architecture, and other Sony innovations deliver exquisite images in a wide range of photographic situations. The standard ISO range is ISO 100-51200, expandable to ISO 50-204800° with minimum noise.

BIONZ X

BIONZX







The latest BIONZ X image processing engine

An enhanced BIONZ X image-processing engine includes refined processing algorithms that reduce noise in the mediumto-high sensitivity range while enhancing subjective resolution and image quality. Advancements in Sony's detail reproduction technology improve detail rendering for lifelike reproduction of textures, while corresponding innovations in area-specific noise

reduction maintain high resolution in dark areas and reduce noise in images shot at high ISO. Subtle changes in light are accurately reproduced for smoother, more natural tonal gradations, while AWB variations between continuous bursts are minimized for more consistent images.

14-bit RAW output

14-bit RAW format is supported, and is a good choice in situations where the sensor's wide dynamic range and fine gradation reproduction will benefit the images being captured. 14-bit RAW output is even available when shooting single images using the electronic shutter.





Refined for stress-free, stable shooting

Outstanding viewing and capture quality

Quad-VGA OLED Tru-Finder with 120 fps* refresh rate

A high-luminance 3686K-dot (approx.) Quad-VGA OLED Tru-Finder reproduces the finest details, and incorporates advanced optics for 0.78x magnification with excellent corner-to-corner clarity. The leqendary ZEISS T* coating greatly reduces reflections, further enhancing clarity. A 120 fps* frame rate provides a smooth viewfinder image with minimum display motion blur when shooting moving subjects, and high luminance keeps the brightness of the viewfinder image close to that of the actual scene for natural, seamless viewing. There's even a fluorine coating on the outermost viewfinder lens that repels fingerprints, dust, water, oil, and dirt.



5.5-step* 5-axis image stabilization

A 5-axis optical image stabilization unit and highprecision gyro sensors provide a 5.5-step* shutter speed advantage for full-frame images. Camera shake is effectively compensated for in 5 axes: pitch and vaw that have the largest overall impact on image quality. Y and Y shift that is most annarent at high magnification, and roll that can ruin night shots and movies. Stabilization is applied to the live-view image, making it easier to frame fastmoving subjects. Effective stabilization is provided for movies as well as stills, and for A-mount lenses attached via a mount adapter.





Anti-flicker shooting with mechanical shutter* αg

Flicker from fluorescent lights and other artificial lighting can ruin still images if it and the shutter timing are out of sync. The α9 II automatically detects flicker and adjusts shutter timing to eliminate exposure and color variations, even when shooting continuously at up to 10 fps with AF and AE tracking. The anti-flicker shooting feature also works

when using flash.

Ouick, efficient control

AF-ON button

Simply press the AF-ON button to activate autofocus when shooting stills or movies. There's no need to go through the normal half-press focus sequence. In response to feedback from users, the shape, feel, and location of the a9 II AF ON button have been further refined for smooth, intuitive control



Independently operable stacked drive mode and focus mode dials allow fast selection of drive and focus modes without having to access menus via buttons. Both dials are lockable, preventing unwanted mode changes during use.

Multi-selector

The multi-selector provides a fast, efficient way to shift focus points: simply press the up, down, left, or right button. When reviewing shots in playback mode the multi-selector is used to select the previous or next image. The $\alpha 9$ II multi-selector has been redesigned for even better control and response.

Touch Focus and Touch Tracking Simply touch the monitor screen to specify the desired fo-

cus point for stills or movies, even when subjects are near the frame edges. Double-tap any point for a magnified view when focusing manually. There's also a Touch Tracking function that makes it possible to specify the subject to be tracked by the camera's Real-time Tracking feature by simply touching it on the monitor.

 α_{91}

Exposure compensation dial lock

An exposure dial lock button located at the center of the exposure compensation dial can be locked to prevent

Save/load settings Now camera settings can be saved to and read from a

memory card via the Save/Load Settings function. Up to 10 combinations of settings can be saved to one memory card and loaded into any camera body of the same type. It is now also possible to save and load settings to and from the Imaging Edge Mobile application (Ver. 7.2 or later)



My Menu & menu interface

Customizable versatility

The My Menu feature allows up to 30 menu items to be registered for instant recall when needed. The registered items can be arranged in order of use frequency, and unused items can be erased as required. The user can create a custom menu that ideally suits his or her shooting needs.



My Dial

Custom function assignments can now be made to the front/rear dials and the control wheel. By assigning frequently used functions to these dials, they become instantly available for temporary use while a custom button is held. Three sets of custom functions can be



assigned for even further versatility. Recall Custom Setup during Hold

Memorized settings (exposure, focus settings, AF track-ing sensitivity, drive mode, etc.) can be assigned to custom buttons for temporary recall while the button is held. This is a great way to quickly make temporary setting changes for varying shooting situations.



Custom button assignments

The α9 II and α9 allow 125 or 118 functions to be assigned to 15 custom buttons, respectively. Independent function sets can be assigned for stills, movies, and playback.



Comprehensive high-speed connectivity

 α 9 π

Connectivity, data transfer efficiency, and remote control are the cornerstones of many professional applications, and that is where the α9 II excels. It provides a built-in 1000BASE-T LAN connector for fast wired access, wireless communication via the 2.4 GHz and 5 GHz* Wi-Fi bands, and a USB 3.2 Gen 1 port for high-speed USB transfers.

Multiple approaches to remote shooting

A number of remote shooting options offer optimum support for a wide range of subjects and situations. The Remote Camera Tool (Ver. 2.0 or later) deskton application provides comprehensive control of multiple cameras via wired LAN connections, the Imaging Edge Remote (Ver. 2.0 or later) desktop application allows remote shooting via Wi-Fi or a USB connection, and the Imaging Edge Mobile (Ver. 7.2 or later) app turns your mobile device into a versatile remote commander and image transfer hub.

Background FTP transfer during remote shooting

So that you can concentrate on photography rather than managing file transfers, the Remote Camera Tool, Imaging Edge Remote, and Transfer & Tagging add-on (Ver. 1.1 or later) applications can automatically transfer images to a specified destination in the background while you continue to shoot. Up to nine FTP servers can be registered for FTP transfers.

Flexible file sorting

The Remote Camera Tool and Imaging Edge Remote desktop applications make it easy to automatically send specified file types to different destinations. You can choose to store image files to the camera's memory media only send them to the connected computer without storing them in the camera, or send them to the computer while also retaining them in the camera. You can also choose to only send either full-size or compact 2-megapixel JPEG files to the computer for faster transfer and review.

Post-shoot file transfers

Images can be individually sent to a specified FTP server after shooting, either via the built-in wired LAN connector or wirelessly via Wi-Fi, using FTPS (File Transfer Protocol over SSL/TLS) protocol for maximum security. The Transfer & Tagging addon mobile app also supports Wi-Fi file transfers to mobile devices

The $\alpha 9$ II features a new Voice Memo function that allows up to 60 seconds of spoken information to be attached to images in the form of voice memos (.way file) that can be replayed when the images are reviewed." The attached voice memos can be transferred via FTP along with the corresponding image data. The photographer can also use the Transfer & Tagging add-on application (Version 1.1 or later) on a mobile device to automatically or manually convert voice memos to text information?. All of this can contribute to speedier, more efficient delivery.

*! Voice memor cannot be attached to movies. *2 Only available in region carbot doops convices are available. Voice memo exceeding 50 seconds cannot be convented to tex*

Save/Load FTP Settings

A new Save/Load FTP Settings feature makes it possible to save FTP Transfer Func. Menu settings, including file types specified for transfer, and reload the settings into any α9 II body. Setting files are password protected during both save and load operations for maximum security. Up to 10 sets of FTP settings can be saved to SD card separately from the normal shooting settings. The Imaging Edge Mobile app can be used to save up to 20 sets of settings.



α9 communication

Although the a9 II has the most advanced communication canabilities, the og offers ample connectivity and file management features for many needs. It provides wired 100BASE-TX LAN connectivity that can be used with the Remote Camera Tool desktop application for tethered shooting and still-image data transfers at speeds of up to 100 Mbps, and USB connectivity that allows tethered shooting and transfers via the Imaging Edge Remote desktop application. The α9 is also compatible with the Imaging Edge Mobile app, so you can shoot and transfer images using a smartphone or tablet. Up to nine FTP servers can be registered as destinations for wired LAN image transfers, and FTPS (File Transfer Protocol over SSL/TLS) protocol can be employed for maximum security.







imaging Edge Mobile

files from an SD card in the camera

the camera power is OFF. The Imaging

Elevate your photography with Imaging Edge desktop applications. Use "Remote" to control and monitor camera control and data transfers shooting live on your PC screen: "Viewmore convenient than ever. Both still and movie files can be transferred. If "Edit" to develop RAW data into high advance it is even nossible to transfer quality photos for delivery. Get the best from Sony RAW files, and manage Edge Mobile application also makes it

Transfer & Tagging add-on The Imaging Edge Mobile applica-tion for mobile devices makes remote

Thir add-on for the Imaging Edge Mobile application can significantly speed up a photographic workflow by allowing FTP background transfers to ding. FTP parameters can be set up in advance via the app, and then sent to the camera

easy to geotag your images.



The Remote Camera Tool application offers high-level support for wired LAN data communication for stable, responsive PC Remote shooting, data transfer, and control. Connect the camera directly to the computer or a switching hub on the local network via a LAN cable for detailed remote came parameter editing and tethered shooting control, plus fast still-image data transfers



Professional reliability

Improved grip hold

Dual media slots

Professional stamina

In response to user feedback the og II grip has Both the α9 and α9 II provide two media slots for still been redesigned for greater comfort and a sure and movie storage. Both α9 II slots are compatible hold, minimizing stress when shooting for long with UHS-I and UHS-II SD cards. Still or movie data periods of time and/or with long telephoto lenses. The grip itself is long enough to provide ample room for the little finger. Overhang in the middle finger area has also been increased.

can be simultaneously recorded to both cards for backup, or RAW images can be recorded to one card while JPEG images are recorded to the other. It is also possible to record stills and movies to different cards, and there is a "relay" mode in which still image or movie recording will automatically switch to the second media card when the first media card becomes full. Data can be copied between cards while in the camera, so you don't have to use a computer.



Sony's high-capacity NP-FZ100 battery offers ex-

tended life, allowing up to approximately 500 still

frames⁻¹ to be captured with the α9 II on a single

charge." But that's just with the body alone. The

optional VG-C3EM (α9) and VG-C4EM (α9 II) vertical

grips house two batteries that let you shoot up to

almost twice that number of images in continuous

long sessions there's the NPA-MOZIK Multi Battery

mode. And when you need serious stamina for

Adaptor Kit that can hold up to four batteries.



Durable magnesium alloy chassis

functionality and performance.

Body construction features a lightweight, high-

rigidity magnesium alloy for the top cover, front

cover, internal frame, and rear cover. The grip area

has also been reinforced with an integrated mag-

nesium alloy grip and front cover. Although about

the same size and weight as the α 7 series, the α 9 and α 9 II bodies are packed with unprecedented

Durable low-vibration mechanical shutter

A low-vibration design minimizes mechanical shutter vibration and noise so that shutter operation has negligible effect on image quality. The α9 II shutter unit features further refinements for even smoother, quieter operation. Both shutter units have been

tested for durability in excess of 500,000* cycles.

Reliable dust and moisture resistant design* $\alpha = 1$

While both the $\alpha 9$ and $\alpha 9$ II are dust and moisture resistant, the α9 II features a few refinements. All major buttons and dials are provided with seals, while media jack cover and enclosure edges feature tongue-and-groove joints for double protection. Sealing is provided throughout the body to minimize dust and moisture ingress, allowing it to function reliably in challenging environments*. Maximum dust and moisture resistance is maintained at lens, vertical grip, and flash unit joints too,

providing excellent system reliability.







Advanced 4K movie quality and control

High-resolution 4K movies

Full pixel readout with no pixel binning makes it possible to condense approximately 2.4 times* the amount of data required for 4K (equivalent to the amount of data required for 6K) into 3840 x 2160 4K output. This oversampling process plus full-frame pixel readout without binning results in the highest nossible 4K movie image quality

2.4 times Information



Fast Hybrid AF for movies

A refined Fast Hybrid AF system achieves faster, smoother, more stable autofocus during movie recording. Consistent, stable tracking is maintained even if an object temporarily moves in front of the main subject, or a small aperture must be used. This greatly reduces the need for manual focus adjustments when the camera is used on a gimbal for run-and-nun projects, or in other one-operator shooting situations.

Touch Tracking for movies

Touch Tracking is also a boon for movie recording. Touch the subject to be tracked on the monitor, and the Real-time Tracking function will then process color, pattern (brightness), distance (depth), and face information to precisely and smoothly track the selected subject at the specified sensitivity and sneed. It is also possible to half-press the shutter achieve fast focus (AF-S).

This can be an advantage for weddings or documentaries, where there is only one chance to capture a scene. In such cases the focus area selected in advance is applied.



Real-time Eve AF for movies

Human eyes can now be automatically identified and precisely tracked while shooting movies, so the operator can concentrate on the content rather than focus. The same Touch Tracking functionality that is provided for stills is also available for movie shooting, easily initiating Real-time Eve AF tracking on a specified eye. Right/left eye selection is available for movies too.

Slow and Quick motion*

Frame rates from 1 fps to 120 fps (100 fps PAL) can be selected in eight steps for up to 60x quick motion and 5x slow motion while recording at up to 50 Mbps with full-HD quality. 24p, 30p, or 60p (25p or 50p PAL) recording frame rates can also be selected as required. Slow and Quick motion effects can be previewed immediately after recording, without the

| iound n | ound not recorded. Class 10 or higher SCHC/SCDC memory card required | | | | | | | | | | | | |
|---------|--|-----|-----|--|--|--|--|--|--|--|--|--|--|
| ∆Q Re | cord Setti | ing | | | | | | | | | | | |
| TSC | 24p | 30p | 60p | | | | | | | | | | |
| AL. | 25p | 50p | | | | | | | | | | | |

Yes 24ps 44ps 84ps 154ps 304ps 604ps 1204ps Yes 24ps 34ps 64ps 124ps 254ps 504ps 1004ps Digital Audio Interface

On the $\alpha 9$ II. Sony's Multi Interface Shoe features a built-in digital audio interface that allows direct connection of the new digital ECM-B1M Shotqun Microphone or YLR-K3M YLR Adaptor Kit for clear low-noise audio recording. Like other MI shoe accessories, no cables or batteries are required, providing unrestrained freedom for a system moviemaking.

Other features that enhance the α experience

10/100 image review jump

In addition to scrolling through recorded images

one at a time, a new Image Jump setting makes it possible to skip ahead by 10 or 100 frames, making it faster and easier to locate a desired image



Ratings and protect functions

Ratings of from 1 to 5 stars can be applied to still images right from the camera controls. The rating and protect functions can be set via assigned custom buttons while viewing the review playback display on location or while traveling to save time.

Display continuous shooting group

Images shot in continuous mode can be reviewed as groups, and the play index display has been significantly improved. Continuous groups can be deleted or protected in one quick operation to save



New 4:3* and 1:1 aspect ratios

In addition to the previously available 3:2 and 16:9 aspect ratios, the α9 II provides 4:3 and 1:1 aspect ratios. The α9 provides 3:2, 16:9, and 1:1 aspect ratio settings. The availability of these extra in-camera aspect ratios facilitates delivery in a correspondingly wider range of formats, reducing the need for postshoot cropping and allowing for speedier delivery.

AWB lock

Auto white balance can be locked or unlocked on the fly while shooting, to set white balance to match one of several light sources in mixed lighting situations. In environments with mixed artificial and natural window light, for example, you might want to ensure that white balance matches the artificial indoor light.

Priority Set in AWB

When white balance is set to Auto and incandescent lamps or similar are the light source, the color tone priority can be set to Standard, Ambience, or White Ambience priority produces a warm tone while white priority reproduces accurate whites.

Expanded custom white balance control

Rather than being fixed at the center of the frame. the measurement area for custom white balance settings can be moved around as required so custom white balance can be set after the image has been composed. Custom white balance acquisition and positioning can also be controlled from the computer during PC Remote shooting.

Fast, Expressive α Lenses



FE 600mm F4 GM OSS (SELECOF40GM) 1/3200sec., F4, ISO 400



FE 400mm F2.8 GM OSS (SEL400F28GM) CRob Martin 1/2000 sec., F2.8, ISO 200



FE 200-600mm F5.6-6.3 G OSS (SEL200600G) 1/3200 sec., F6.3, ISO 500



FE 100-400mm F4.5-5.6 GM OSS (SELTOMOGAM) 1/1250 ser . F5.6 ISO 200



FE 70-200mm F2.8 GM OSS (SEL70200GM) 1/500 ser F2.8 ISO 400



FE 12-24mm F4 G (SEL1224G) 1/125 sec., F8, ISO 100

























FE 70-200mm F2.8 GM OSS































One mount for all your imaging needs

Whether you shoot full-frame or APS-C, movies or stills, casually or professionally, Sony's E Mount offers full compatibility with an extensive and growing lineup of top-quality lenses that supports your creative vision.

http://www.sony.net/alibrary



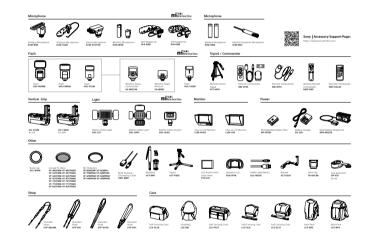
More choices for expressive imagery

Sony's impressive range of A-mount lenses is supported via the LA-EA3 A-Mount to E-Mount lens adaptor. All the advanced features of Sony's latest α series bodies, including Eye AF, are supported for most A-mount lenses.*



Options for expanded photographic capability





Controls

α9 (ILCE-9)



- 18 For shooting: AEL button
 For viewing: Image index button
 19 For shooting: AF-00 (AF Cm) button
 For viewing: Inflarge button
 20 Multi-selector
 21 For shooting: For (Function) button
 For viewing: Send to Smartphone button

- 18 Diopter-adjustment dial 29 Media slot cover switch 40 Hook for shoulder strap 41 N mark 42 Hook for shoulder strap 43 LAN terminal

Number of recordable frames for single media (image size L 24M, supert ratio 3.2)

| | 16G | 32G | 64G | 128G | 16 G | 32G | 64G | 128G |
|----------------------------------|-------|-------|-------|--------|-------|-------|-------|--------|
| Standard | 2,250 | 4,550 | 9,000 | 18,000 | 2,250 | 4,550 | 9,000 | 18,000 |
| Fine | 1,550 | 3,200 | 6,300 | 12,500 | 1,550 | 3,150 | 6,300 | 12,500 |
| Extra fine | 870 | 1,700 | 3,500 | 7,000 | 870 | 1,700 | 3,500 | 7,000 |
| RAW & IPEG (Compressed RAW) | 430 | 870 | 1,700 | 1,450 | 430 | 860 | 1,700 | 1,450 |
| RAW (Compressed RAW) | 600 | 1,200 | 2,400 | 4,800 | 600 | 1,200 | 2,400 | 4,800 |
| RAW & JPEG (Incompressed RAW) | 255 | 520 | 1,000 | 2,050 | 255 | 510 | 1,000 | 2,050 |
| RAW (Sncompressed RAW) | 305 | 610 | 1,200 | 2,450 | 305 | 670 | 1,200 | 2,450 |

Movie recording time for single media (Hours Minutes Seconds, Proxy off set

| | | 16 GB | 3268 | 64GB | 12868 | 1668 | 3268 | 6468 | 12868 | |
|-----------|----------------------|---------|---------|---------|----------|---------|---------|---------|----------|--|
| XAVC S4K | 30p 100M/25p, 100M | 0:15:00 | 0:35:00 | 1:15:00 | 2:35:00 | 0:15:00 | 0:35:00 | 1:15:00 | 2:30:00 | |
| | 30p 60M/25p, 60M | 0:30:00 | 1:00:00 | 2:05:00 | 4:10:00 | 0:25:00 | 0.55:00 | 2:00:00 | 4:00:00 | |
| | 24p, 100M | 0:15:00 | 0:35:00 | 1:15:00 | 2:35:00 | 0:15:00 | 0:35:00 | 1:15:00 | 2:30:00 | |
| | 24p,60M | 0:30:00 | 1:00:00 | 2:05:00 | 4:10:00 | 0:25:00 | 0.55:00 | 2:00:00 | 4:00:00 | |
| XAVC S HD | 120p, 100M/100p 100M | 0:15:00 | 0:35:00 | 1:15:00 | 2:35:00 | 0:15:00 | 0:35:00 | 1:15:00 | 2:30:00 | |
| | 120p, 60M/100p 60M | 0:30:00 | 1:00:00 | 2:05:00 | 4:10:00 | 0:25:00 | 0.55:00 | 200:00 | 4:00:00 | |
| | eop, scen sop som | 0:35:00 | 1:10:00 | 2:30:00 | 5:05:00 | 0:35:00 | 1:10:00 | 2:25:00 | 5:00:00 | |
| | 60p,25M/50p,25M | 1:05:00 | 2.20:00 | 4.45:00 | 9.40.00 | 1:05:00 | 2:20:00 | 4:45:00 | 9:40:00 | |
| | 30p,50M/25p,50M | 0:35:00 | 1:10:00 | 2:30:00 | 5:05:00 | 0:35:00 | 1:10:00 | 2:25:00 | 5:00:00 | |
| | 30p36M/25p36M | 1:45:00 | 3:35:00 | 7.20:00 | W:50:00 | 1:45:00 | 3:35:00 | 720:00 | 14:55:00 | |
| | 24p,50M | 0:35:00 | 1:10:00 | 2:30:00 | 5:05:00 | 0:35:00 | 1:10:00 | 2:25:00 | 5:00:00 | |
| AVOID | 601,24W/501,24M | 1:25:00 | 255.00 | 6.00:00 | 12:05:00 | 1:25:00 | 2:55:00 | 6:00:00 | 12:05:00 | |
| | 60(37M/50(37M | 2:00:00 | 4:05:00 | 8:15:00 | 16:35:00 | 2:00:00 | 4:05:00 | 8:15:00 | 16:35:00 | |

α9π (ILCE-9M2)



- MENU button
 Monitor (For touch operation:
 Touch panel/Touch pad)
 Fluipback button
 MoVK (Movie) button
 For shooting: Aff. button
 For viewing: Image index button
- - For shooting: AF-ON (AF On) button
 For viewing: Enlarge button
 Muthi-selector
 For shooting: Pri (function) button
 For viewing: Send to Smartphone button
 Control wheel

- 29 Hook for shoulder strap 40 N mark 41 Hook for shoulder strap 42 LAN terminal 43 Flash sync terminal 44 Speaker
- 45 Microphone jack 46 Headphones jack 47 HDMI micro jack 48 USB Type-C terminal 48 Charge lamp 50 Multi/Micro USB Terminal

Main specifications of α_{9} (ILCE-9) α_{9} (ILCE-9M2)

| | | 69 Sehware Um 63 | 491 | | | 69 Software Ven 6-3 | 491 | | | G/B Colleger/Ven 6-D | 493 |
|---------------------------|---------------------------|--|---|---|--|---|--|----------------|---|--|---|
| Secesi | Camera Type Sent Mount | tronshangeable lens digital camera 6-mount | | Recording (movie) | Image Size (Fluels), NTSC | XXVC1 60: 3840 x 2160 (30p, 100M), 38 60M), 3810 x 2160 (34p, 60M) | 80 x 2160 (24p, 100 M), 3840 x 2160 (40p, | Feors | Other Festures | micro adjustment with organizative sale | d attached/sold ceparately), fracking Al LLA-EA2 or LA-EA6), Predictive control, |
| Inage sensor | Auechite | 12 | | | | XXIX \$140.1900 x 1040 (109), 100W(, 19 | 130 x 1080 (130p, 608f), 1900 x 1080 (90p, 80 (36p, 508f), 1900 x 1080 (90p, 258f), 1930 | | | Focus lock, AF Track Sens, Swit 3116 AF Awa, AF Awaitegist, Gisc of Focus I | |
| | Type | Zinn fultiane (Zi.ú-23.8nm), Sense | rRS-OMOS sansor | | | 100(100100)00(10), 100(10010) 1000(10), 160(| | Af Illuminator | Yes (with Built in LED) | | |
| | Sunderof Floris | Approx. 28.2 megaphets (Effective), Ap | ppos. 28.2 megapisels (Yotal) | | | APOID: 1929 x1089 (KG, 26M, FI), 192 | | | Af Stuninatorrange | Approx 6 im - approx 3 0m (with FE2 | |
| | Anti-but System | | tion costing on optical filter and image sensor chift mechanicm | | Image Size (plants), PAL | XXVCS 60: 3860 x 2160 (25 p. 100W), 38 | 100 x 2160 (25p, 60W) 100 x 1080 (100x, 60W), 1600 x 1080 (10x, | | Focus type with LN-EAX (Sold organizaty) | oriectable (phase-detection, contract- | (Median) |
| Recording (dillinages) | heardingforest | PEG(DCFVH: 2.0, ExPVH: 2.11, MPF 8s formal) | ratine compliant), RMII (Sony RMIII 2.3 | | | 50M), 1920 x 1080 (25 p. 50M), 1920 x 10 | 060(50 ₍₆ , 256)), 1920 x 1060(25 ₍₆ , 166)) | Exposure | Metering Type | 1300 sone evaluative metering | |
| | Image Size (size(c)(22)) | Zinn full Sane L 6000+6000 (200). | M: 3636 x 2626 (500), S: 3008 x 2000 | | | AVOID: 1929 x 1080 (501, 26M, FIL), 1930 | | | Metering Sensor | ExmarkS CMOS sessor | |
| | | (6.000), APS-C 1: 3916 x 2924 (1000), Mr. 3000 x 2000 (6.000), S: 1960 x 1712 (2.600) | | | Store & Quick motion (S&Q) Record Setting | NTSC made: 1930x1080 (60p, 30p, 35p) PAL made: 1930x1080 (60p, 25p) | | | Metering Sensitivity | EV-3 to EV20 (at 150100 equivalent with | NZ driescattached) |
| | Image size (pixels) (6.3) | W: 3 688 x 2626 (9 2M), S: 2656 x 2000 | | Size & Quick motion (S&Q) Frame Rate | NTSC mode: 15pc,25pc,45pc,85pc,16pc, PAL mode: 15pc,25pc,35pc,85pc,12pc,25 | 309µ,609µ,1009µ, 59µ,509µ,1009µ, | | Metering Mode | Multi-cegment, Center-weighted, Spot Highlight | Spot Standard Large, Entire Screen Aug. | |
| | | | (5.3M) APS C 1: 1688 x 2638 (9.2M), 91: 2656 x 2600 (5.3M), 5: 1748 x 1831 2.3M | | Movie functions | Preset/10 Format/10 hun/10 Make/08 | ML/BTSC Selector, TC/UR, (TC Prevat/UR Time Rec), Auto-Sione Shutter, HOME Info. | | Exposure Congressation | -)-1007/1707/1207 days wherein http://discopel/ | e], (with response comprenation dial : + / |
| | | 25mm 5215mm L 6000 x 2276 (2005, N APS C L 2976 x 2276 (8.76), NF 2008 x | 1686 (5.1M), S: 1968 x 112 (2.2M) | | HOM Output | Proxy Recording, All Tracking Duration, orle-trable), REC Control 2860 v 2160 (25p), 1920 x 1080 (10p), 1 | , AP Dissert general, Disspring (1986-1984) 920 u 1980 (1981), 1980 u 1980 (1984), 1980 u 1980 (1984), 1980 u 2980 (1984), 1934 (1982) | | Exposure Bracketing | Bradet Cost, Bradet Single, 3/5/95; 1/2, 2/3, 1.0, 2.0, or 3.007 increments, increments. | enecuriectable. With it or 5 frames, in 5 fr with 4 frames, in 1 (1, 5 /2, 2 /2, or 1 d EV |
| | Image size (plants) [17] | Zimm Sult Same 1: 6000 x 6000 (HMS), (6.0W) APS-C1: 2626 x 2626 (6.9M), W: 2000 x | | Recording cyclem | Lacation information Line | SSE/RGESSE | no (no) most / mo (no) (no. 1 + 2 / | | Alitada | Locked when drutter button is precard (Dis-Off Auro) | haffeoy Available eith All lock button. |
| | Image quality modes | RMX, RMX & IPSS (Schadine, Fine, Stan | dard, 2966 (keta fine, fine, Standard) | Son startphone | | | | | Exposure Modes | ACTO (Auto), Pagamned AE (P), Apenue priority (A), Stutter-speedy | |
| | Pidarelifed | Y) High Contract Monochome, Toy Cane Soft High-key , Rich-time Monochome | | E E B B | Media | MO WG Dus, Memory Sold Mico (MIS) So memory card (Self-memory card (mis-set compliant), Staff, memory card (mis-set compliant), miscold memory card, miscold memory card (solf)—Self-to-self-ore compliant) memory card, SCPT, Walth durful memory card, SCPT, SCPT, Memory card, SCPT, SCPT, SCPT, Memory card, SCPT, SCPT, SCPT, SCPT, S | y microstott menory card (Scoth Sectorial (UHS-VIII compliant) | | | (S), Manual (M), Movie (Fragramme AM (P) / Aperture priority (N) / Strate-priority (N) / Manual (M) (), Now & Quick Strates (Fragrammed AE (P) / Aperpoint (N) / Strates - speed priority (N) / Manual (M) / Manual (M) | |
| | Coustine Style | Light, Portrait, Landscape, Surrait, Right Some Autumn Inover, Black & Bhile, Sepis, Stylinbo(1-4). | | | | | | | ISO sensitivity (Recommended Exposure Index) | SSE image/(Sechanica Shurser tid) SSE image/(Sechanica 100 1000 (SSE discusses rup from 100 100 1000 (SSE discusses rup tid 100 0000 (SSE discusses rup ti | 100-1000 (50 number; up how 1000 to 100 200000 can be ortal regarded |
| | Novaholia | (Contact) its +1 crept, Saturation it ts +1 crept), Sharpness (-1 to +1 crept) | (Contract) 1 to +1 copc), Saturation 1 to +1 copc), Shappers (-1 to +1 copc) | | Memory Card Stat | | | | | | oriectable lower limit and upper limit). Silectionic Shutter: 50:100-25400 (S.O. |
| | | ns. Off Decemic Range Optimizer (Auto-Level It-1)). Auto-High Decemic Range (Auto- | | | | memorycand | | | | numbers up from 100 to can be set as: numbers up from 100 to expanded 500 cance. AUTO 150 expanded 500 cance. AU | numbers up from 15010 can be set as: regionded 500 canon.) AUTO 150 |
| | syramic target rancium | Exporum Difference, Exposum Differen | | | | Sort(Still World), Auto Salts S Media) | | | | 100-6600, orientable lower limit and upper limit) upper limit) upper limit) [Moving (iii) 100-91000 equivalent) [iiii] [Moving (iii) 100-91000 equivalent) [iiii] [Moving (iii) 100-91000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 105 1000 can be est as journees up to 5i5 1000 can be est as journees up to 5 | 100-1300, selectable lower limit and |
| | ColorSpace | dhill condard (with chic game) and he thoughthous case | Sobe RGB ctandard compatible with | Solvereduction | NoiseReduction | Long exposure folk On/Off, available a ISO folk flormos/Saw-Off | unduter geeds longer than ticks, High | | | | |
| | RANG OLIGAN | Wil. | | White Balance | White Estates Modes | Auto / Enylight / Shade / Goudy / Incanderant / Russecwit (Main White / Cool White / Day White / Euylight / Hash / Indernate / Color Semperature (Sido to 94000) Busin Sine (ST1018): S7 crys, KT1187, 29 crys) / Custom | | | | | repanded fild range.), AUFO (SIO 100-10800, selectable lower limit and upper limit) |
| | Scooperard MW | 96. | | | | | | | | | |
| Recording (movie) | Recording Format | XXX S, AVOID Sunsitive J Branglar | | | ANNINOSASjument | 67to MT (57 dept), A7 to MT (26 dept) | | | Anti-Sider Steat. | | WC. |
| (many) | Video Compression | XMCS MP66-ENICH 366, NICHO M H266 | PGS-ERVC/H264 MPIC MPGS-ERVC/ | | Priority Set in ARR | W. | | Yestody | Yestings have | Quad WARKED Likewishingeleing | tonic viewfinder (color) |
| | Audia Recording Format | | | | Backeting | Triumer, H.S. selectable | | | Sunder of Date. | 3,686,600,600 | |
| | | MPR MPSS-RANC LCOIN | | Fecus | Facuctige Societies | Faz Hybrid AF (phace-detection AF /co face-cells (NMS) securi | roud-desision (4) | | Brightness Control | Auto-Manual II checketween - Jand - 21 | |
| | CalorSpace | WYCC clandard jx x Color when connect TRELIMINGS Color | red via HDMCable) compatible with | | Facucheist | Extraction CRCS General Zinns full States Will point (place-detection IV) APS C mode with VI Sent 209 points/place-detection IV) with IVPS Clerk 22 points/place-detection IV) / 425 points/carticat-detection IV) | | | (tiesfode) | | |
| | Picturelifed | Persecution (Calor, BSR), Pop Calor, Ref. | nu Phasa, Partial Calar (RVS, BVV), High all Cod (Blams Seven (Baserica), Sufficial- | | | | | | Calor Temperature Cantro Field Coverage | 100% | |
| | | by | | | Focusiencityinchange | EV-10x EXXX (SC100 resolvation) with FZ Direct attached) | | | Magnification | appos 0.78 s (with 10 most less at infinity -1 m²) | |
| | Cwative Style | Standard, Wold, Soutial, Clear, Deep, 1989 Burnell Landstone Supply Made | Standard, World, Seutral, Clear, Deep, Guild, Portrait, Landurger, Surget, Model | | FocucWode | M-5 (Single-that M)_AF-C)Cartinuous NF)_DMF (Direct Manual Focus)_Manual Focus | | | Dissert Adjustment | - 4.0 to -1.0 | |
| | | Some Automic Source, Mark E-Milder, Some Automic Source, Mark E-Milder, Source, Stock Storiff Source, Stack E-Milder, Source, Stock E-Milder, Stock E-Milder | | Facuctura | Note: Wide juilt points (phase-detection AI), 125 paints (ontact detection AI), 126 paints (ontact detectio | | | Sye Point | Appear Jilms from the eyepiece lens, 18 Smm from the eyepiece frame from 1096 standard | | |
| | Nova holia | (Contact) it to it copy), Saturation it (Contact) it to it copy), Saturation it to it copy), Sharpens (-) to it copy); The proof, Sharpens (-) to it copy); | | | Section | / Center / Flexible Sput (S-M.S.) / Septe 1505 (mages) / Numar (Right) Set Sive | ded Feebre Spot) | | Finder Frame Rate Selection | \$10 600pc / HI1000pc | |
| | Sannabisa Assiz | | | | | Select/Animal | Select/Annut, Mariethman Historythiyeserch | | Display Contract | Grandic Principal Mission All Refs. No. No. | co Info. Distratored Course Histogram |
| | warmanig field | - | | | | | Terrationer in fig (1) (1) (1) (1) | | may with | - special copies, copies on min. servi | |

| CD Science | Spr | 75cm(8.0-type) 191 | | Fach Cartral | Expension Facts | Sony or System Floch compatible with Multi Interface Shoe, attach the chae adaptor | | Audio | Micsphore | Built in chara microphone | | | |
|----------------|--|--|--|---|---|---|--|---|--|--|---|--|--|
| | Number of box | 1.640.000.000 | | | Compatibility | | ch conguitable with fluto-lack accessory choe | | Speaker | Built-in, monaucal | | | |
| | Touch Panel | No. | | | Riterellack | No. | | Print | Compatible Standards | Ealthirt, Print Image Matching III, DPD | setting | | |
| | Brightness Control | Manual (Schepcbetween-2 and -2), So | | | Windess Control | tec) light signal Asalabbe with Fib facts, Slow Sync, Hi-speed quic. Hadia signal: Asalabbe with Fib facts, Bear Sync, Slow Sync, Hi-speed cync.) | | Curdon function Type | | Cuttom key cettings, My Wenu, My Dial Programmable Setting (Bady 2 cets rea | intrings, Reg Cucristour Set, many card & set () | | |
| | Adjuttable Angle | Ep by approx. 10° degrees, bown by ag | pprox. #1 degrees | Dive | Drive Wodes | Single Shooting Continuous chooling (W.Mid. La cele-table), Self-Sines, Self-Sines (Cost.), Bracket, Single Bracket, Cost., Bibbs Bracket Self- Self-Sines (Cost.), Bracket, Single Bracket, Cost., Bibbs Bracket, Self-Sines | | Lens Compression | Setting | Peripheral Studing, Chromatic Aberratio | in Dictorion | | |
| | Digital Selector Finder(SCE) | Nc(Ado/Banal) | | | | Self-timer (Cont.) Bracket Single, Bracket Bracket | set Cort., White Balance bracket, DRD | Power | Supplied Battery | One rechargeable battery pack NP-F210 | 1 | | |
| | Real Sine Image Adjustment Display LCD1 | Ov/Off | | | Continuous Drive Speed (approx. max.)* | A2TO/Sindonic Shutter Continuous shooting:Wilman 2015s, Mid. max. | AUTO-Sile-Sonic Shutter Continuous chooling: Hi: max. 20 Spt, Mid. max. | | Sattery Life (SSE Snager)** | Approx. 680-thes: (Viewfinder) / Approx. 650-thes: (SED-monitor) (OPA (Textburi) | Approx. 500 chos: (Viewfinder) / Approx. 640 chos: (523 monitor) (18 (1906) 641 | | |
| | Quick Navi | No. | | | | | TOTAL CO. Mar. 5 fp. " Mechanical Shutter Continuous chading Ni. mar. 10 fp., Mid. max. 8 fp., Lie max. Prop. [initiative] (PSS Sicra Sner.), Init Sames (PSS Sner.), Bit Sames (PSS | | BatteryLife | Approx. 105 min (Viewfinder) / Approx. 100 | | | |
| | Focus Magnifier | No (Sinn Sittane: 6 h, 6 & APS-0 | CRN(620) | | No of recordable former | N2 fames (PSS Sata fines), N2 fames (PSS fines), N2 fames (PSS | | | (Marin actual recording)** | min (LCD manitar), (CPM standard) ¹⁰ | 120 min (LCD-manitor), (CPA-crandar | | |
| | Jean | Nic Jarle Zable level - range or lower li | initaccuton orting) | | (approx.)* | | | | BatteryLife | Appos. 185 min (Viewfinder) / Approx. | Appos. 195 min (Vewfinder) / App | | |
| | Proking SE | No Lewisting High Microwritty | Color Red Yellow/Blue (Bhite) | | | | standards) 2015 sines (RAW), 226 Same (RAW & PSSS), Stribunes (RAW) | | (Movie, continuous recordina) | 195 min (LC2 monitor), (CPA ctandard) | 200 min (LCD monitor), (CRN ctands | | |
| | Others | Minimagic, Grid Line (Nutr of Industri Movie Warker, (Section Project Sullety) | idrīguarešridrībiag «Squarešridrībt"). Zoneršuidetiane) | | | (Uncompressed), 118 frames (RAW (Uncompressed) 8 (PSG) | (Disamprood), 125 Sanec (RAB (Disamprood) B (PG) | | Internal Battery charge | No. | No. (Australia with Multi-Micro 1918) Terminal or 1918 Type Cleminal | | |
| | Display Cordents | Graphic Display Display Winds, No Di For viewfinder, Montan Dff | isp. Info, Digital Level Gauge, Histogram, | | Self-Siner | | Continuous self-timer (inhames after 10 I frames after 5 sec delay 5 frames after 5 frames after 2 sec delay/illoadacting | | Utilit Power supply | Ties. | No. (Pusitable with Multi-Micro Still Terminal or Still Trans Cheminal) | | |
| theriesture | Clear Image Zoom | SSE images Approx. 2s, Movies Approx. SSE images Approx. 2s, Movies Approx. 2s, L. Sui (M. Approx. 2s, Movies Approx. 2s, Movie | | | | of the jots ocales acad | | San & Beight | Weight justs battery and nemon card included | Approx.670g (approx.11817.60) | Approx.678.g (approx.1 lb.8.8 or) | | |
| | Distal Zeon | (Zoon Smart zoon (Still imaged) Zimm full turne M. approx 1 is, s. approx 2s, APS-C M. apport 1s, S. approx 2s, 12 otto: 2004 foll imaged Mininful Same-C approx | | Playback | Photo Capture | No. | | Which Body and | | Association (Marketon 1047cd) | Approx 190 a (approx 10 5.0 or) | | |
| | Ungrana and in | | | | Wodes | Single jeith or without shooting information Y RGB hickogram & | Single (with or without choosing information Y RGB hiddowan & | | Dimensions | | Approx. Dit from a 96 dom a 77 Sm | | |
| | | 6c, M. approxisits, S. approxitis, APS-C (biolital zoon (Moviel) (Smn 5c) from | Bis, APS-CL: approx 6s, M: approx 5. Jis, 5: approx 8s, | | | highlight stratow warnings, 9-25-frame | highlights/shadow warning), 9-25-frame | | (WAHAR) | (approx.5x27/8x2in.) | (approx.51/8x21/8x21/8in.) | | |
| | Fair Detection | Mades Face Priority in AFTON ON Life | | | | index view, Snlarged dirplay mode (S. 15-by Nr. B. Mr. S. T. Sh.). Auto-Review | Indexview, Enlarged dirptay mode (L. 15 Ds. M. 1884; S. 7 SSN). Auto Review | Operating | Range | kpr-1049/10-4010 | | | |
| | | Regist, Faces Priority (On/OT), Wax no | | | (165/2 sec 05), Impressionation | PB/5/2 sec 05) Importoriestation | Sespenture | | | | | | |
| | Others | Internal recording South Focus, South | | | | (Autoritanual/Off selectable), Siderbox folder principal Solder Still | [Auto/Manual/DY selectable] by Side-show Folder oriention/base/ Still/ | What's in the box | | | Power card, Rechargeshire Statlery NP-1200 Castle Protector, Statlery | | |
| | | Bright Munituring, Copyright Info. Set Transfer Func., Help guide, Class Functi Video Light Mode, Zoom Ring Russe | File Name, Save Import Settings, FILP ion Setting Avo Setting, Shop Front Mode, | | | AUCKO 1000 C S RO, 10AUC S RE), Forward Rewind (noise), Delete, Protect, Rotting Disable accinose | AUCHD COST (HD. STATE (MC) Farward' Rewind (source), Delete, Posted, Rating, Display as Group, Voice Mensy | | | COS. Accessors there cas Sursiver cos. | Charger BT-521, Shoulder Chap, Bud cap, Acarcsary Chaecap, Syepiece co SSB Trans CT cable | | |
| NOW | Spe | Electronically-controlled, vertical traverse, food state trave | | and the | PCInterface | Maco-corpor MTR PC results | | | | | | | |
| | StaterType | Ass/Sectorical chater/Sectoric d | io/shyte/fletoric dutter | | Multi-/ Micro USE | 96 | | | | | | | |
| | StutterSpeed | [Billimager, Single study, Mechaelari Shamer: 1 9000 to 35 or, Bulb, All 90: V.E.2000 to 36 or 8, Bulb, Section C Shamer 1, 10000 to 36 or, Shall nager, Centinaus Conting (S. Mechaelari Shamer: 1 9000 to 36 or 6, All 70 or 40 Shamer, 1, 10200 to 1 Sec. (3 Audie C): 1, 1000 to 1 My (S. Maye) up 1, 40 in All 10 mode (pp. 1573) in Audie God e Martin Hood) | | | Seminal** | | | Specifications and S | stancare subject to change | without ratios. | | | |
| | | | | | USEType C* Terminal | | No.(SuperipredUSE(USEX.2Gen1) compatible) | *1 Astribushoo | ing is not assistive when the | (Shallor Type) willing in the (Shallor Stead | (hal) neu is sette (lie mais (hal) | | |
| | | | | MFC* through the part to be a transported to the court results of the court of the | | | [Shutter Ryse] is on to [hutt] and [Ann-Bider shoot.] is [Sti], the medianical shutter will automatically be activated to enable. Anti-Sider Shooting during continuous shooting. | | | | | | |
| | Rach Sync Speed* | 1010 IK. | | | Window LAS (Built In) | | g/ No./Ni-Fi Compatible, SSS 90275a/G/ | | peed is available only in the peed in all other modes is 1.7 | | ttings between 1/16000 and 1/10000) | | |
| | Stedanic fort Gatain Studen | No. (08 (09)) | | | | e (2.65k; band) *, View on Smarphore: No. Remote contol via Smarphore: No. Sendita Conquier: | g/k/ac (2.65/c band/56/c band)) blew on Smartphone Yes, Reside cartosivia Smartphone Yes, Send to | 13. With consultate | Sonymenaltadi | rano. PETO (Electronic Shut.). A facts can be used | turina continuos e Acordon airit / Durin | | |
| | Sterritopring | Notibetunicityten) | | | | ties, View on TV. ties | Congute City, View on TiC Yes | |) the medianical distances | be used. | | | |
| age indication | | | aic conpensation (conpensation depends | | Blarted's HDOuged | No Buston Standard W. 61(2.65) | s band) Ksync'Consolitor HDMI, Photolity HD, KK | % Variet societing: *7 When Amount 9 | 5 With compatible external facility. 6 Variety according to charing conditions or memory and used. 7 Wither A most time is used as mount adopter the correct obstacloss charing variet decembing on the uttached lens. | | | | |
| | Compensation Effect | | 5.5 class (based on CPA ctandard. | | | movie output: IX clit image PR | | | Anderic set to AFC (Continue se for compatibility details. | ic AF), the speed of continuous shooting so | ec depending on the attached lens, Se | | |
| | | PRODOW state only With Planar T* R | i Popose date on Win Parar T16 | | Walti Interface Shoe" | 96 | No (with Digital Audio Interface) | | | care dutien word at novinum. | | | |
| | | Stone PLEZA lenc mounted long exposure SR off.) | Stimm PLEZA lesc mounted Long exposure MRUEL | | Mic Terminal | No(Line Seeconis) | | | Sit compatible device. | manually /infortructure mode Africa con | action to committee our the commencer | | |
| et-Comol | found | Perforal*TS | | | Remote Control | No. (November committie/buth venote comp) | | | | | | | |
| | Rach Compensation | | Florithable between 1/Eard 10 EV stead | | Sync Seminal | No. | "O Models cold in come countries regions copport ((ii) MC Morgin (2 MGH) winess LMC only. "It's form accretion for the Appropriation can be attached. | | | | | | |
| | Rachitradetina | | | | Headphone Terminal | Nec(LS non Stees minipals) | | | | | | | |
| | | 3/5/9 Sames selectable With Sur Stames, in 5/9, 10, 2/9, 10, 2/0, 3/0 With increases; with 9 Sames, in 5/9, 1/0, 2/9, 1/0 With increases; | | | Vertical Grip Connector | 96 | | "5 Indication record | times, turn power of and as once every tentimes. I indication recording time which is defined by recepting the order Power on Continectating Joons Cland for and power of | | | | |
| | Rach Modes | Flack off, Natorflack, Fill-flack, Slow Sy. | nc, Reartigac, Red-eye reduction (sa/off | | PCRemote | 96 | | | | naimately 29 minutes (limited by poduct of the continuous movie ecoding time (29) | | | |
| | | | | | | | | | of the continuous mouse ecololing time (24) again. No other coexistion such as zoom an | | | | |







Statements & Statement