

Main specifications α99II

General	
Camera type	Interchangeable-lens digital camera
Lens mount	A-mount
Image sensor	
Type	35mm full frame [35.9x24.0mm], Exmor R CMOS sensor
Number of pixels (effective)	Approx. 42.4 megapixels
Number of pixels (total)	Approx. 43.6 megapixels
Image sensor aspect ratio	3:2
Anti-dust system	Yes
Recording system (still images)	
Recording format	JPEG (DCF Ver. 2.0, Exif Ver. 2.31, MPF Baseline compliant) / RAW (Sony ARW 2.3 format)
	35mm full frame L: 7952 x 5304 (42M), M: 5168 x 3448 (18M), S: 3984 x 2656 (11M), APS-C L: 5168 x 3448 (18M), M: 3984 x 2656 (11M), S: 2952 x 1728 (4.5M)
Image size (pixels)	35mm full frame L: 7952 x 4472 (36M), M: 5168 x 2912 (15M), S: 3984 x 2240 (8.9M), APS-C L: 5168 x 2912 (15M), M: 3984 x 2240 (8.9M), S: 2952 x 1456 (3.8M)
	Sweep Panorama Wide: horizontal 12416 x 1856 (23M), vertical 5536 x 2160 (12M), standard: horizontal 8192 x 1856 (15M), vertical 3872 x 2160 (8.4M)
Image quality modes	RAW, RAW & JPEG, JPEG Extra fine, JPEG Fine, JPEG standard
RAW output	14 bit, uncompressed RAW selectable
Picture Effect	8 types: Toy Camera (Normal/Cool/Warm/Green/Magenta), Pop Color, Postezation (B/W, Color), Retro Photo, Soft High-key, Partial Color (R/G/B/Y), High Contrast Monochrome, Rich-tone Monochrome.
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn leaves, Black & White, Sepia, Style Box (1-6), [Contrast (-3 to +3 steps)], Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps)]
Dynamic range functions	Off, Dynamic Range Optimizer (Auto/Level (1-5)), Auto High Dynamic Range (Auto Exposure Difference, Exposure Difference Level (1-6 EV, 1.0 EV step))
Color space	sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS Color
Recording system (movies)	
Recording format	XAVC S / AVCHD format Ver. 2.0 compliant / MP4
	XAVC S: MPEG-4 AVC/H.264
	AVCHD: MPEG-4 AVC/H.264
	MP4: MPEG-4 AVC/H.264
Video compression	XAVC S: LPCM, 2ch
	AVCHD: Dolby Digital (AC-3), 2ch, Dolby Digital Stereo Creator
	MP4: MPEG-4 AAC-LC, 2ch
	[XAVC S 4K] 3840 x 2160 (30p, 100M), 3840 x 2160 (24p, 100M), 3840 x 2160 (30p, 60M), 3840 x 2160 (24p, 60M)
	[XAVC S HD] 1920 x 1080 (120p, 100M), 1920 x 1080 (120p, 60M), 1920 x 1080 (60p, 50M), 1920 x 1080 (30p, 50M), 1920 x 1080 (24p, 50M)
NTSC	[AVCHD] 1920 x 1080 (60p, 28M, PS), 1920 x 1080 (60i, 24M, FX), 1920 x 1080 (60i, 17M, FH), 1920 x 1080 (24p, 24M, FX), 1920 x 1080 (24p, 17M, FH)
Image size (pixels)	[XAVC S 4K] 3840 x 2160 (25p, 100M), 3840 x 2160 (25p, 60M)
	[XAVC S HD] 1920 x 1080 (100p, 100M), 1920 x 1080 (100p, 60M), 1920 x 1080 (50p, 50M), 1920 x 1080 (25p, 50M)
PAL	[XAVC S 4K] 3840 x 2160 (25p, 100M), 3840 x 2160 (25p, 60M)
	[XAVC S HD] 1920 x 1080 (50p, 28M, PS), 1920 x 1080 (50i, 24M, FX), 1920 x 1080 (50i, 17M, FH), 1920 x 1080 (25p, 24M, FX), 1920 x 1080 (25p, 17M, FH)
	[XAVC S HD] 1920 x 1080 (50p, 28M), 1920 x 1080 (25p, 16M), 1280 x 720 (25p, 6M)
	NTSC mode: 1920x1080 (60p, 30p, 24p)
	PAL mode: 1920x1080 (50p, 25p)
Slow & Quick Motion (S&Q)Record Setting	NTSC mode: 11fps, 21fps, 41fps, 81fps, 15fps, 30fps, 60fps, 120fps
	PAL mode: 11ps, 21ps, 31ps, 61ps, 12fps, 25fps, 50fps, 100fps
Slow & Quick Motion (S&Q) Frame Rate	Audio Level Display, Audio Rec Level, PAL/NTSC Selector, Dual Video REC, Time Code/User Bit, Auto Slow Shutter, REC Control, Gamma Display Assist
Movie functions	Color space xvYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS™ Color
Color space	
Clean HDMI output	
NTSC	3840 x 2160 (30p/24p) / 1920 x 1080 (60p/24p) / 1920 x 1080 (60i)
PAL	3840 x 2160 (25p) / 1920 x 1080 (50p) / 1920 x 1080 (50i), YCbCr 4:2:2 8bit/RGB 8bit
Media	
Media	Memory Stick PRO Duo, Memory Stick PRO-HG Duo, Memory Stick Micro (M2), SD memory card, SDHC memory card (UHS-I compliant), SDXC memory card (UHS-I compliant), microSD memory card, microSDHC memory card, microSDXC memory card
Slot	SLOT1: Multi-slot for Memory Stick PRO Duo and SD cards, SLOT2: Slot for SD cards
Noise reduction	
Noise reduction	Long exposure NR: On/Off, available at shutter speeds longer than 1 sec., High ISO NR: Normal/Low/Off selectable
Multi Frame NR	
White balance	
Modes	Auto/Daylight/Shade/Cloudy/Incandescent/Fluorescent <Warm White/Cool White/Day White/Daylight-/Flash/Color temperature <2500 to 9900K>, Color filter <G7 to M7, A7 to B7-/Custom <1/2/3-/Custom Set/Underwater G7 to M7 (57 steps), A7 to B7 (29 steps)
AWB micro adjustment	Yes
Priority Set in AWB	Yes
Bracketing	3 frames, H/L selectable
Focus system	
Type	TTL Phase-detection AF (Detector 1: CCD line sensors;Detector 2: Focal Plane Phase Detection sensors)
Focus point	Detection sensor 1: 79 points (15 cross-type points, F2.8 sensitive at the center point), Detection sensor 2: 399 points (323 selectable points, 79 hybrid-cross auto focus points)*. * When Hybrid Phase Detection AF is activated
Sensitivity range	Detector 1: Center area EV -4 to 18 [at ISO 100 equivalent, with F2.8 lens attached]
Focus mode	Single-shot AF (AF-S), Continuous AF (AF-C), Automatic AF (AF-A), Direct Manual Focus, Manual focus
Focus area	Wide / Zone / Center / Flexible Spot / Expand Flexible Spot / Lock-On AF (Wide / Zone / Center / Flexible Spot / Expand Flexible Spot)
Other features	Eye-start AF, Lock-on AF, Eye AF, AF micro adjustment, Predictive control (AF-A, AF-C), Focus lock, AF On, AF range control
Exposure control	
Metering type	1200-zone evaluative metering
Metering sensor	Exmor R CMOS sensor
Metering sensitivity	EV-2 to EV17 [at ISO 100 equivalent with F1.4 lens attached]
Metering modes	Multi-segment, Center-weighted, Spot, standard/Large, Entire Screen Avg., Highlight
Exposure modes	AUTO (i/Auto), Programmed AE (P), Aperture priority (A), Shutter-speed priority (S), Manual (M), Memory recall (MR1/2/3), Sweep Panorama, Movie/slow-motion and quick-motion (Programmed AE (P), Aperture priority (A) /Shutter-speed priority (S) /Manual (M) selectable)
Exposure compensation	+/-5.0 EV (1/3EV, 1/2EV steps selectable)
AE bracketing	Bracket: Cont., Bracket: Single, 3 /5/9 frames selectable. With 3 or 5 frames, in 1/3, 1/2, 2/3, 1.0, 2.0, 3.0 or 4.0 EV increments, with 9 frames, in 1/3, 1/2, 2/3, or 1.0 EV increments.
AE lock	Available with AE Lock button. AE is also locked when focus is locked in multi-segment metering mode. [AEL w/shutter (Auto/On/Off) is supported].
ISO sensitivity (Recommended Exposure Index)	Still images: ISO 100-25600 (Expandable to ISO 50 to ISO 102400) AUTO [ISO 100-6400, selectable lower limit and upper limit];Movie: ISO 100-25600 equivalent, AUTO [ISO 100-6400, selectable lower limit and upper limit]
Anti-flicker shooting	Yes
Viewfinder	
Type	XGA OLED, 1.3 cm (0.5 type) electronic viewfinder
Total number of dots	2,359,296 dots
Brightness control	Auto/Manual (5 steps between -2 and +2)
Color temperature control	Manual (5 steps)
Field coverage	100%
Magnification	approx. 0.78 x (with 50mm lens at infinity, -1m ⁻¹)
Dioptr adjustment	-4.0 to +3.0m ⁻¹
Eye point	Approx. 23mm from the eyepiece lens, 18.5mm from the eyepiece frame at -1m ⁻¹ (CIPA standard)

Display	Graphic Display / Display All Info. / No Disp. Info. / Digital level gauge / Histogram
Real-time image-adjustment display	On / Off
LCD screen	
Type	7.5cm [3.0-type] wide type TFT
Total number of dots	1,228,800 dots
Brightness control	Auto, Manual (5 steps between -2 and +2), Sunny Weather mode
Adjustable angle	Tilt angle: 134 degrees upward and 180 degrees downward.; Rotation angle: 180 degrees clockwise and 90 degrees counterclockwise
Display selector (Finder/LCD)	Auto/Manual
Display	Graphic Display / Display All Info. / No Disp. Info. / Histogram / Digital Level Gauge
Real-time image-adjustment display	On/Off
Focus magnifier	Yes (35mm full frame: 7.8x, 15.5x, APS-C: 5.1x, 10.1x)
Zebra	Yes (selectable level + range or lower limit as custom setting)
Peaking MF	Yes (Level setting: High/Mid/Low/Off, Color: White/Red/Yellow)
Other features	
Face detection	On / On (Regist. Faces) / Off, Face registration, Face selection (Max. number of detectable faces: 8)
Clear Image Zoom	Still / Movie: Approx. 2x
	Smart zoom (still images) [35mm full frame] M: Approx. 1.5x, S: Approx. 2.0x [APS-C] M: Approx. 1.3x, S: Approx. 2x
Digital zoom	Digital zoom (still images) [35mm full frame] L: Approx. 4x, M: Approx. 6.2x, S: Approx. 8x [APS-C] L: Approx. 4x, M: Approx. 5.2x, S: Approx. 8x
	Digital zoom (movies) [35mm full frame] Approx. 4x [APS-C] Approx. 4x
PlayMemories Camera Apps	Not supported
Lens compensation	Peripheral shading, Chromatic aberration, Distortion
Others	ISO AUTO Min. SS, Bright Monitoring, Eye-Fi ready [®] , Copyright, Set File Name, Help guide, Area Setting, Shop Front Mode, Video Light Mode, Smart Teleconverter (approx.1.4 x / 2x)
Shutter	
Type	Electronically controlled, vertical-traverse, focal-plane type
	Still images: 1/8000 to 30 sec., Bulb
Shutter speed	Movies: 1/8000 to 1/4 (1/3 step)
	NTSC: Up to 1/60 in AUTO mode (up to 1/30 in Auto Slow Shutter mode)
	PAL: Up to 1/50 in AUTO mode (up to 1/25 in Auto Slow Shutter mode)
Flash sync. speed	1/250 sec.
Electronic front curtain shutter	Yes, On / Off
SteadyShot INSIDE (image stabilization)	
Type	Image Sensor-Shift mechanism with 5-axis compensation 4.5 steps (based on CIPA standard, Pitch/yaw shake only. With SAL 135F1BZ lens mounted. Long exposure NR off.)
Flash Control	
Control	ADI Pre-flash TTL
Flash compensation	+/- 3.0 EV (selectable between 1/3 and 1/2 EV steps)
Flash bracketing	3/5/9 frames selectable. With 3 or 5 frames, in 1/3, 1/2, 2/3, 1.0, 2.0, 3.0 EV increments, with 9 frames, in 1/3, 1/2, 2/3, 1.0 EV increments.
Flash modes	Flash off, Autoflash, Fill-flash, Rear Sync., Slow Sync., Red-eye reduction (On/Off selectable), Hi-speed sync ¹ , Wireless ²
External flash	Sony α System Flash compatible with Multi Interface Shoe. Attach the shoe adaptor (ADP-MAA, sold separately) for flash compatible with Auto-lock accessory shoe, Compatible with Sony Radio-controlled Lighting System
FE level lock	Yes
Drive	
Drive modes	Single Shooting, Continuous shooting (Hi-/Hi/Mid/Lo selectable), Self-timer (10/5/2 sec delay selectable), Self-timer (Cont.) (with 10/5/2 sec delay 3/5 frames selectable), Bracket, Cont., Bracket, Single, White Balance bracket, DRO bracket
Speed (approx., max.) ¹⁾	Continuous shooting: Hi+: 12 fps, Hi: 8 fps, Mid: 6 fps, Lo: 4 fps
	[Continuous shooting: Hi+] Extra fine: 60 images/Fine: 63 images/Standard: 64 images/RAW & JPEG: 54 images/RAW: 54 images/RAW(Uncompressed) & JPEG: 24 images/RAW(Uncompressed): 25 images
	[Continuous shooting: Hi] Extra fine: 65 images/Fine: 71 images/Standard: 74 images/RAW & JPEG: 56 images/RAW: 57 images/RAW(Uncompressed) & JPEG: 25 images/RAW(Uncompressed): 26 images
Playback	
	Single (with or without shooting information, Y RGB histogram & highlight/shadow warning), 9/25-frame index view, Enlarged display mode (L: 24.9x, M: 16.2x, S: 12.5x, Panorama (standard), 25.6x, Panorama (Wide), 38.8x), Auto Review (10/5/2 sec. off), Image orientation (Auto/Manual/Off selectable), Slideshow, Panorama scrolling, Folder selection (Date / Still / MP4 / AVCHD / XAVC S HD / XAVC S 4K), Forward/Rewind (Movie), Delete, Protect, Photo capture
Modes	
Interface	
PC interface	Mass-storage, MTP, PC remote
Multi / Micro USB Terminal	Yes ³⁾
Wireless LAN (built-in)	Wi-Fi Compatible, IEEE802.11b/g/n (2.4GHz band) ⁴⁾ , Playback of still images and movies on smartphones, PCs and TVs
NFC ⁵⁾	Yes (NFC Forum Type 3 Tag compatible, One-touch remote, One-touch sharing)
Bluetooth	Yes (Bluetooth Standard Ver. 4.1 (2.4GHz band))
HD output	HDMI micro connector (Type-D), BRAVIA Sync (link menu), PhotoTV HD, 4K movie output, 4K still image playback
Multi Interface Shoe ⁶⁾	Yes
Others	Microphone terminal (3.5mm Stereo minijack), Headphone Terminal (3.5 mm Stereo minijack), Sync terminal
Audio	
Microphone	Built-in stereo microphone
Speaker	Built-in, monaural
Print	
Compatible standards	Exif Print, Print Image Matching III, DPoF setting
Custom function	
Type	Custom key settings, Programmable setting
Memory function	Yes (Body 3 sets/memory card 4 sets)
Power	
Battery	One rechargeable battery pack NP-FM500H
Still images ⁷⁾	Approx. 390 shots (Viewfinder) / approx. 490 shots (LCD monitor) (CIPA standard)
Movies ^{7) 9)}	Actual ^{8) 9)} : Approx. 85 min (Viewfinder) / Approx. 85 min (LCD monitor) (CIPA standard)
	Continuous ^{8) 9)} : Approx. 135 min (Viewfinder) / Approx. 135 min (LCD monitor) (CIPA standard)
External power	AC Adaptor AC-PIW10AM (sold separately)
Weight	
With battery and Memory Stick PRO Duo	Approx. 849g (approx. 1 lb. 13.9 oz.)
Body only	Approx. 770g (approx. 1 lb 11.2 oz.)
Dimensions	
W x H x D (excluding protrusions)	Approx. 142.6 mm x 104.2 mm x 76.1 mm (approx. 5 5/8 inches x 4 1/8 inches x 3 inches)
Operating temperature	
Range	32°-104° F / 0-40° C

Specifications and features are subject to change without notice.

- *1 Eye-Fi cards can be used only in the countries where they are purchased. Use Eye-Fi cards in accordance with the law of the countries where the cards were purchased.
- *2 With compatible external flash
- *3 Varies according to shooting conditions or memory card used
- *4 Supports Micro USB compatible device.
- *5 (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)
- *6 Sony accessories for the Accessory Shoe can be attached.
- *7 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.
- *8 Continuous movie recording is possible for approximately 29 minutes (limited by product specifications).
- *9 Indicated recording time is defined by repeating the following cycle: Power on, start recording, zoom, stand-by and power off.
- *10 Indicated recording time is defined by repeating the following cycle: Pressing the MOVIE button. No other operations such as zoom are performed.

Sony World Photography Awards

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- "InfoLithium" is a lithium battery pack which can exchange data with compatible electronic equipment about its energy consumption.
- Sony recommends that you use the battery pack with electronic equipment bearing the "InfoLithium" mark.
- Screen displays and effects used to illustrate some functions are simulated.
- Refer to Sony's support site for lens compatibility information: <http://www.sony.net/hpd/>

<http://www.sony.net/digitalimaging/>

Enter the exciting world of Sony α products through α Library, the new photography-themed application for tablets.



Go to Google Play for Android Tablet. For iPad, go to App Store. Then search for "sony α library".

Sony | Photo Gallery:

http://www.sony.net/Products/di_photo_gallery/



Sony | Camera Channel:

<https://www.youtube.com/c/ImagingBySony>



SONY

Interchangeable-lens
digital camera

α99II

35mm FULL-FRAME CMOS IMAGE SENSOR

Translucent
Mirror Technology™

Full-time Continuous AF

The Power of Imaging



α 99 II

A New Pinnacle of A-mount Performance

The Sony α99 II takes A-mount camera performance to the next level with enhanced AF precision and continuous shooting speed complementing a high-resolution 42.4 effective megapixel back-illuminated full-frame CMOS sensor. The α99 II can shoot continuously at up to 12 frames per second^{*1} with reliable autofocus and auto exposure tracking^{*2}, while 5-axis in-body image stabilization contributes to consistently outstanding image quality for stills and 4K movies.

*1 Continuous shooting mode set to "Hi+"

*2 The supported focus area will depend on the shooting mode and lens used. Furthermore, when "Continuous Shooting: Hi+" is selected, focus will be fixed at the first frame shot when Hybrid Phase Detection AF is active at aperture settings of F9 or higher, or when Hybrid Phase Detection AF is not active at aperture settings of F4 or higher.

- 42.4 megapixel back-illuminated full-frame Exmor R™ CMOS sensor
- BIONZ X™ image processing engine and front-end LSI
- New Hybrid Phase Detection AF system: 79^{*1} + 399^{*2} points, 79^{*1} Hybrid Cross AF points^{*3}
- High-speed continuous shooting at up to 12 fps^{*4} with AF/AE tracking^{*5}, or up to 8 fps^{*6} in live-view mode with minimal lag
- 5-axis in-body optical image stabilization for stills and movies
- High-resolution 4K movie recording^{*7}
- High-resolution XGA OLED Tru-Finder™ with ZEISS® T* Coating
- Wi-Fi/NFC™/QR code function for easy image file transfer and remote control

*1 The number of usable AF points may depend on the lens and shooting mode.

*2 The number of usable AF points may depend on the lens and shooting mode. Up to 323 focus points are selectable. Not available for movie recording.

*3 Hybrid Phase Detection AF active. The dedicated phase detection AF sensor or focal-plane phase detection AF sensor may be used independently in certain photographic situations.

*4 Continuous shooting mode set to "Hi+"

*5 The supported focus area will depend on the shooting mode and lens used. Furthermore, when "Continuous Shooting: Hi+" is selected, focus will be fixed at the first frame shot when Hybrid Phase Detection AF is active at aperture settings of F9 or higher, or when Hybrid Phase Detection AF is not active at aperture settings of F4 or higher.

*6 Continuous shooting mode set to "Hi"

*7 Class 10 or higher SDHC/SDXC memory card required for XAVC S format movie recording. UHS-I (U3) SDHC/SDXC card required for 100Mbps recording.









70-200mm F2.8 G SSM II (SAL70200G2), 1/1000 sec., F2.8, ISO 1600

Focus Defines the Image

79

Hybrid Cross AF points

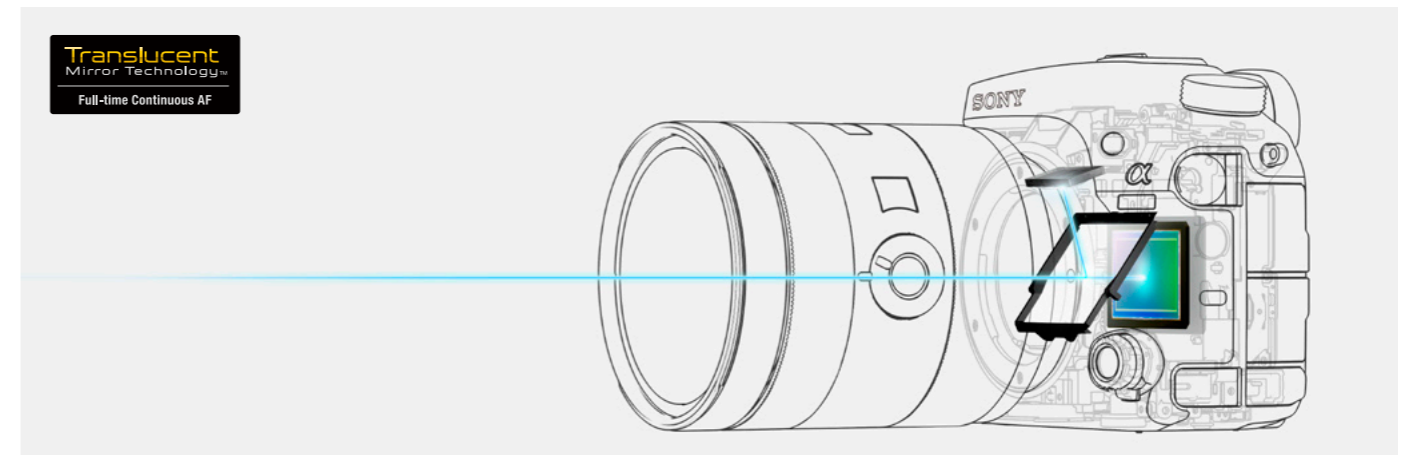
Sony's Hybrid Phase Detection AF achieves fast, precise focus

Focus plays an important role in defining the composition of a photographic image, while autofocus speed and accuracy are critical to capturing the perfect moment. The α 99 II features Sony's innovative Hybrid Phase Detection AF system that brings two advanced sensors together for unprecedented

ed autofocus speed, precision, and tracking performance. A 79-point^{*1} phase detection AF sensor works with a large 399-point^{*2} focal-plane phase detection AF array, while Translucent Mirror Technology allows light to reach both simultaneously so that they are always active.

^{*1} The number of usable AF points may depend on the lens and shooting mode.

^{*2} The number of usable AF points may depend on the lens and shooting mode. Up to 323 focus points are selectable. Not available for movie recording.



Dual phase detection AF sensors yield 79^{*1} Hybrid Cross AF points^{*2}

Cross points are the key to reliable autofocus with the widest variety of subjects and scenes. Modern high-performance autofocus systems usually include a few cross points, but the α 99 II reaches a whole new level of autofocus reliability with 79 cross points^{*1} created by combining points from

the two AF sensors used in the Hybrid Phase Detection AF system. The 79 superimposed points function as selectable Hybrid Cross AF points^{*1*2} that are sensitive to vertical and horizontal details, contributing to reliably accurate focus with subjects that would confuse other autofocus systems.

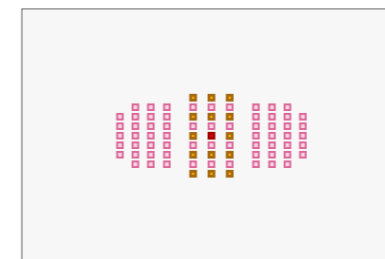
^{*1} The number of usable AF points may depend on the lens and shooting mode.

^{*2} Hybrid Phase Detection AF active. The dedicated phase detection AF sensor or focal-plane phase detection AF sensor may be used independently in certain photographic situations.

79

-points*

^{*} The number of usable AF points may depend on the lens and shooting mode.



Dedicated Phase Detection AF Sensor
 ■ Dedicated phase detection AF points (cross detection, F2.8-sensitive)
 ■ Dedicated phase detection AF points (cross detection)
 ■ Dedicated phase detection AF points (horizontal detection)

399

-points*

^{*} The number of usable AF points may depend on the lens and shooting mode. Up to 323 focus points are selectable. Not available for movie recording.

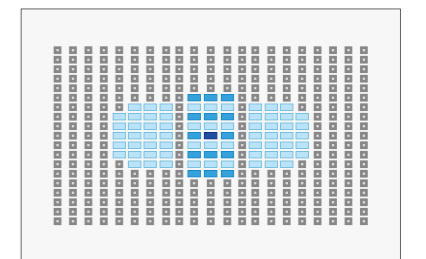


Focal-plane Phase Detection AF Sensor
 ■ Focal-plane phase detection AF points (vertical detection)

79

-Hybrid Cross AF points*

^{*} The number of usable AF points may depend on the lens and shooting mode.



Hybrid Phase Detection AF
 ■ Hybrid Cross AF points (dedicated phase detection AF points: cross detection, F2.8-sensitive)
 ■ Hybrid Cross AF points (dedicated phase detection AF points: cross detection)
 ■ Hybrid Cross AF points
 ■ Focal-plane phase detection AF points (vertical detection)

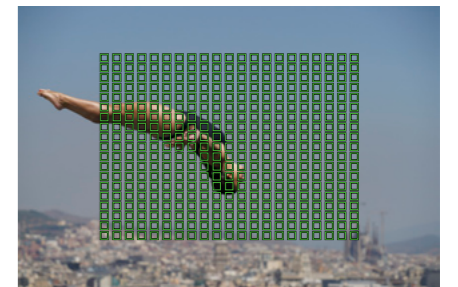
Full-frame 4D Focus Sharpens Your Art



500mm F4 G SSM (SAL500F40G), 1/800 sec., F4.5, ISO 100

Wide **Wide AF coverage enhances framing freedom**

The 79-point^{*1} phase detection AF sensor and 399-point^{*2} focal-plane phase detection array provide high-density coverage over a wide area of the full-frame sensor, making it easier to focus quickly and accurately on subjects anywhere in the frame. You can simply frame, focus, and shoot, without having to temporarily reframe to bring the subject into a reliable focus area.



^{*1}The number of usable AF points may depend on the lens and shooting mode.

^{*2}The number of usable AF points may depend on the lens and shooting mode. Up to 323 focus points are selectable. Not available for movie recording.

Fast **Two AF sensors deliver speedy definition**

The Hybrid Phase Detection AF system instantly processes information received simultaneously from two sensors, and cross type focus points ensure dependable AF performance with challenging subject details. The net result is fast, precise autofocus and outstanding subject tracking that work reliably with just about any subject and scene.



Steadfast **Translucent Mirror Technology for tenacious tracking**

Translucent Mirror Technology enables Full-time Continuous AF operation and maintains a consistent viewfinder image during any type of shooting, including live view and movie recording. Combined with cutting edge AF performance and wide coverage, this system effectively keeps track of the subject once it has locked on. A new motion prediction algorithm further refines tracking performance.



Focus Features for Advanced Control



Vario-Sonnar T* 24-70mm F2.8 ZA SSM II (SAL2470Z2), 1/40 sec., F4, ISO 1600

Reliable low-light autofocus

Although low light can be a challenge for many autofocus systems, the **α99 II** maintains reliable, accurate autofocus right down to EV-4 brightness levels at the dedicated phase detection AF sensor's central focus

point. That means you can take full advantage of the camera's excellent low-light imaging capability with uncompromised AF performance when shooting dimly lit scenes at high ISO.

Independent AF-S and AF-C shutter priority, plus Balance

Focus priority means that the shutter won't release unless the subject is in focus, while release priority means that the shutter will always release when the shutter button is pressed.

The **α99 II** provides separate priority settings for the AF-S and AF-C modes, and an additional AF-C mode Balance setting provides optimum balance between focus and release priority.

Expand Flexible Spot

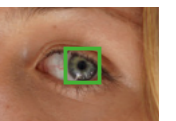
Unexpected subject movement at the decisive moment can result in out-of-focus images. The Expand Flexible Spot function automatically selects adjacent focus points if the subject moves away from the original focus point, keeping the subject sharp and saving the shot.



Planar T* 85mm F1.4 ZA (SAL85F14Z), 1/160 sec., F2, ISO 100

Eye AF

Eye AF automatically detects and focuses on the ideal focus point for portraits: the subject's eye. In the **α99 II** it provides reliable detection within the relatively narrow depth of field of the full-frame sensor. The detected eye is indicated in the viewfinder for pre-shoot confirmation. Eye AF can be assigned to a custom button for quick access when needed.



Adjustable AF tracking sensitivity

AF tracking sensitivity can affect how the AF system tracks subjects in a group or in cluttered settings. The **α99 II** allows AF subject tracking sensitivity to be adjusted for both still images and movies, to ideally track one specific subject in a group of subjects that are moving around, for example. Focusing speed can be adjusted in five stages for stills, further ensuring that the main subject stays in focus.

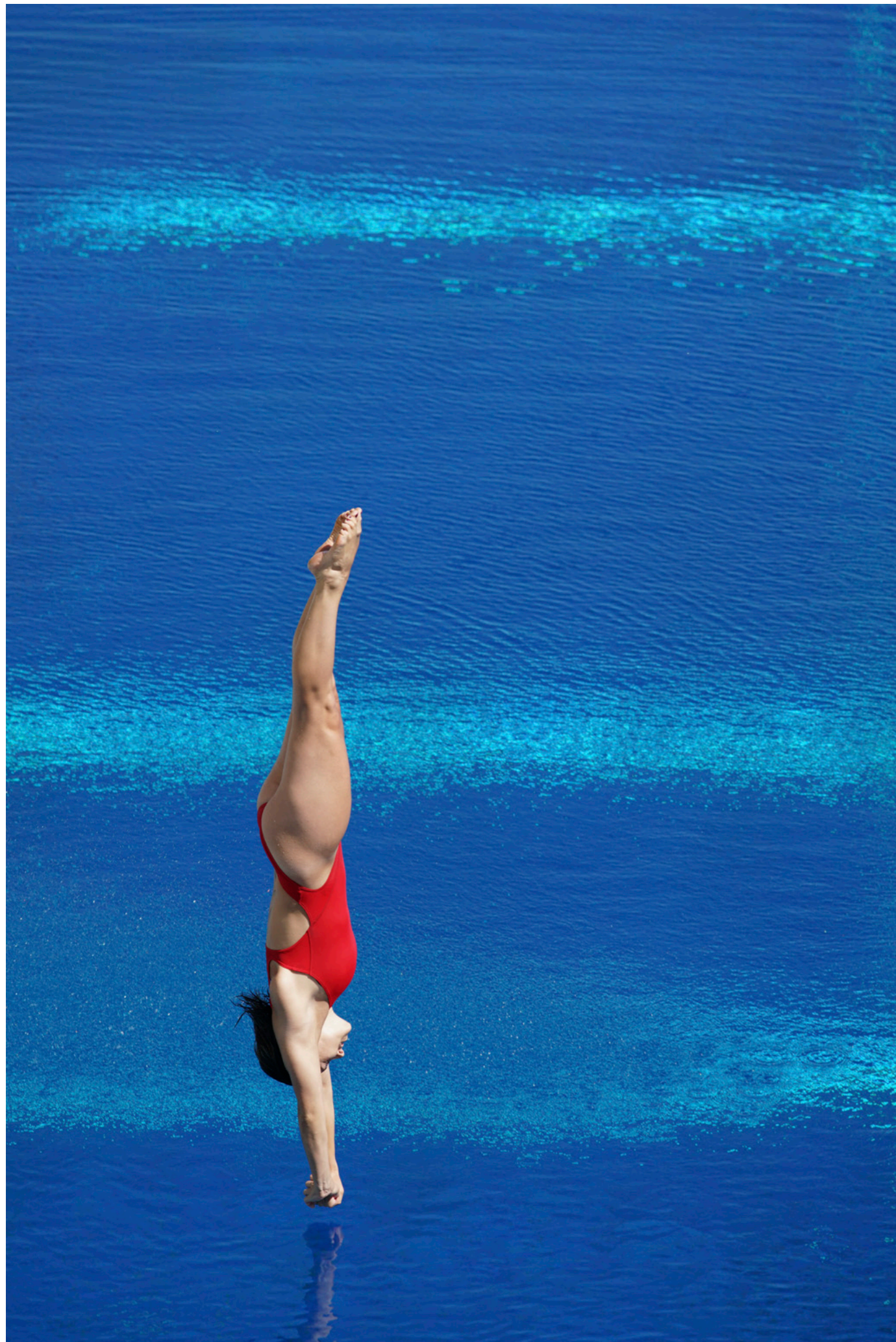
Flexible Spot Points size selection

When you want maximum focus area selection speed while using the Flexible Spot or Expand Flexible Spot function, the number of focus points that make up the focus area can be reduced as required.

Selectable focus area

Although the **α99 II** AF system can use as many as 323¹ focus points, you can manually limit the number of focus points used. "Auto" allows focus area selection across all 323 points, while "Only cross-type AF" limits focus area selection to the 79 cross points* for faster operation.

* The number of usable AF points may depend on the lens and shooting mode.



300mm F2.8 G SSM II (SAL300F28G2), 1/1600 sec., F5.6, ISO 400

Capture the Elusive Moment

12
fps



Fast AF/AE tracking^{*1} at up to 12 fps^{*2}

Continuous shooting while maintaining reliable AF and AE tracking requires serious processing power and speed. The α 99 II is more than up to the task with a 42.4 effective megapixel image sensor that allows high-speed readout, BIONZ X processing, and a newly designed front-end LSI. The shutter unit itself has also been re-

signed for faster response. These refinements work with Hybrid Phase Detection AF to afford continuous shooting at up to 12fps^{*2} with full AF/AE Tracking^{*1}.

^{*1} The supported focus area will depend on the shooting mode and lens used. Furthermore, when "Continuous Shooting: Hi+" is selected, focus will be fixed at the first frame shot when Hybrid Phase Detection AF is active at aperture settings of F9 or higher, or when Hybrid Phase Detection AF is not active at aperture settings of F4 or higher.

^{*2} Continuous shooting mode set to "Hi+"

Live view at up to 8 fps* with AF/AE tracking and minimal lag

With the α 99 II you can even use live view while shooting continuously at up to 8 fps* with full AF and AE tracking, thanks to an improved display algorithm. Display lag is so small that viewing is essentially no different from an

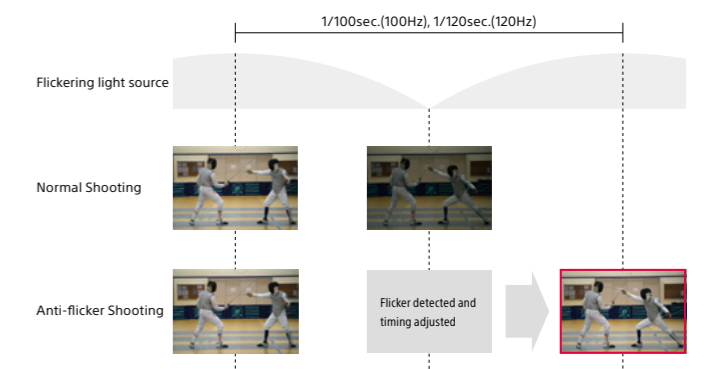
optical viewfinder. Continuous live view shooting speed can be set to 8 fps, 6 fps, or 4 fps to match a variety of subjects.

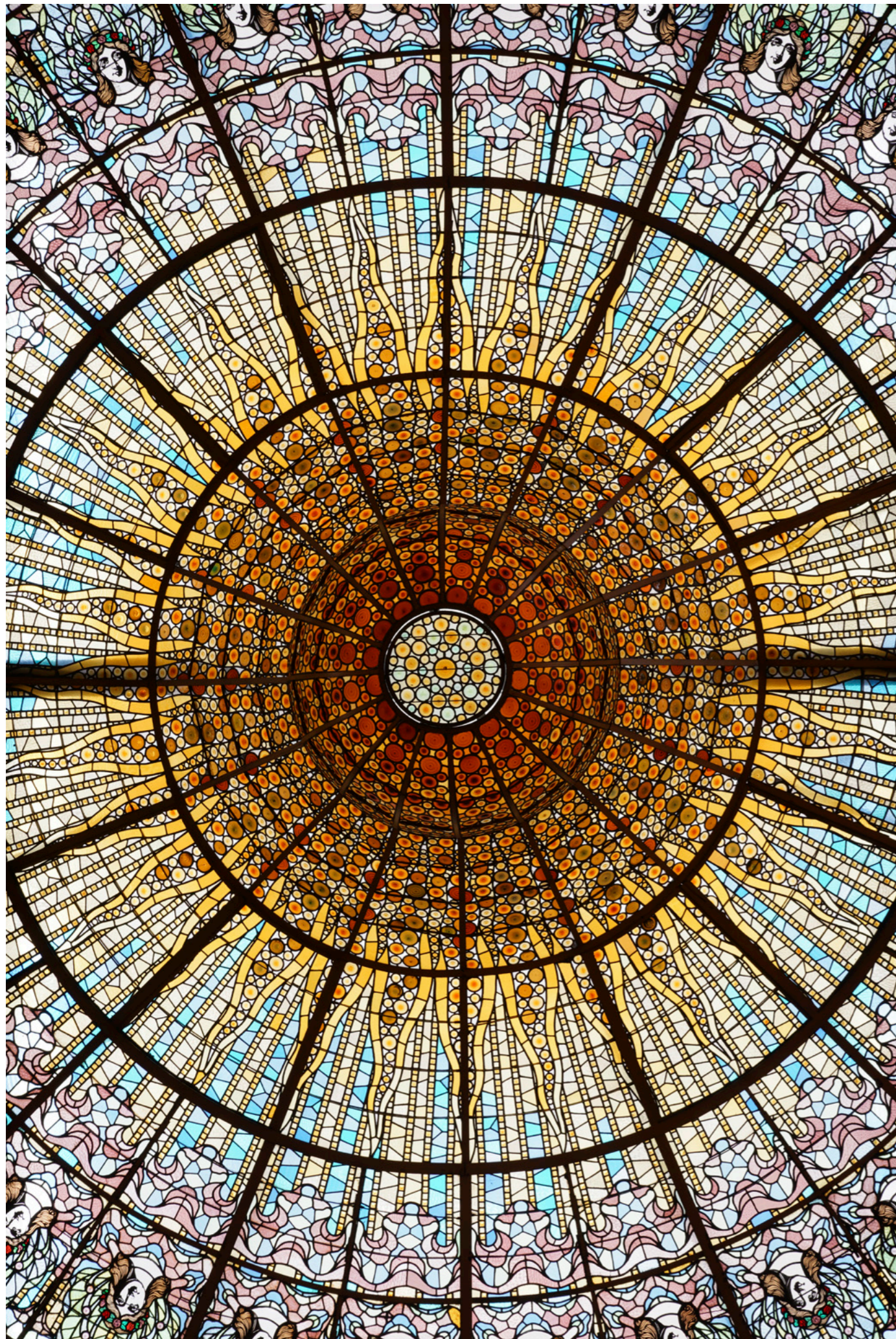
* Continuous shooting mode set to "Hi"

Flicker-free shooting*

Flicker from fluorescent lights and other artificial lighting can ruin still images if it and the shutter timing are out of sync. The α 99 II automatically detects flicker and adjusts shutter timing to minimize its effect. Exposure and color anomalies that can occur at the top and bottom of images shot at high shutter speeds are reduced, as are exposure and color inconsistencies between continuous shots.

* Flicker detection at 100 Hz or 120 Hz only. Continuous shooting speed may decrease. Does not function during bulb exposure or movie recording.





Vario-Sonnar T* 24-70mm F2.8 ZA SSM II (SAL2470Z2), 0.5 sec., F11, ISO 100

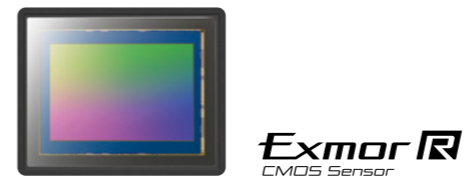
Overwhelming Resolution

42.4

megapixels

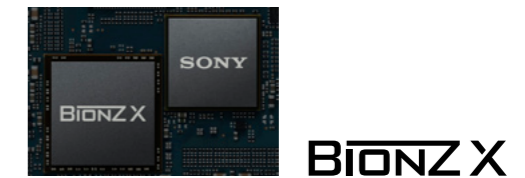
42.4 megapixel back-illuminated full-frame CMOS sensor

The heart of the α 99 II is a full-frame Exmor R CMOS sensor with approximately 42.4 effective megapixels. Gapless on-chip lens architecture, an anti-reflective sensor glass coating, and back illumination dramatically improve light gathering efficiency for high sensitivity, low noise, and wide dynamic range in images that feature stunning resolution.



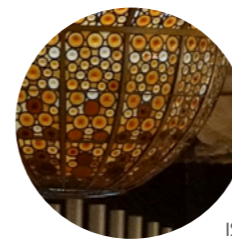
Fast BIONZ X processing and front-end LSI

The fast BIONZ X image processing engine used in the α 99 II offers ample speed for 42.4 megapixel processing, and includes detail reproduction technology, diffraction reducing technology, and area-specific noise reduction for extraordinary overall image quality. The BIONZ X processor is supported by a new front-end LSI that further contributes to superb resolution and detail with extremely low noise in the mid to high sensitivity range.

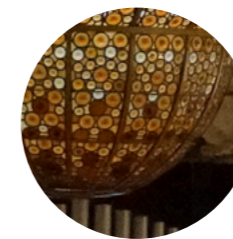


Standard 100 ~ 25,600 ISO expandable up to 102,400*

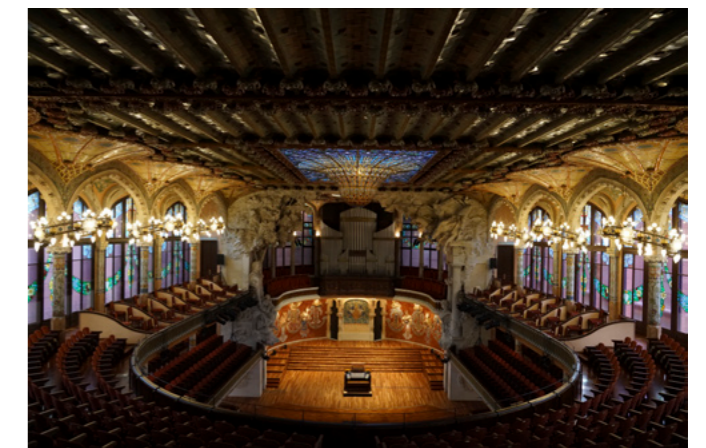
High resolution and low noise are maintained across a wide standard ISO range of 100 ~ 25,600. That range is expandable down to a minimum of ISO 50 and up to a maximum of ISO 102,400* for still images. * Expanded ISO. Still images only.



ISO 3200

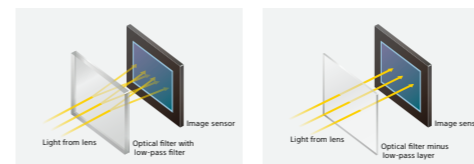


ISO 12800



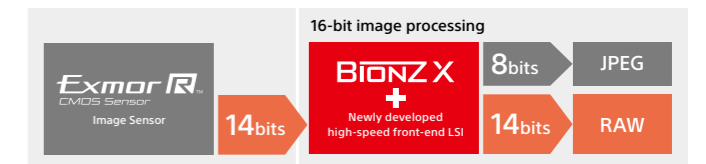
Dazzling detail with no optical low-pass filter

The α 99 II optical system is designed for optimum performance without a low-pass filter, to realize the full resolution potential of its 42.4-megapixel sensor as well as make the most of advanced α lens optics. The finest natural details and textures are captured with lifelike depth and realism.



16-bit processing and 14-bit RAW output

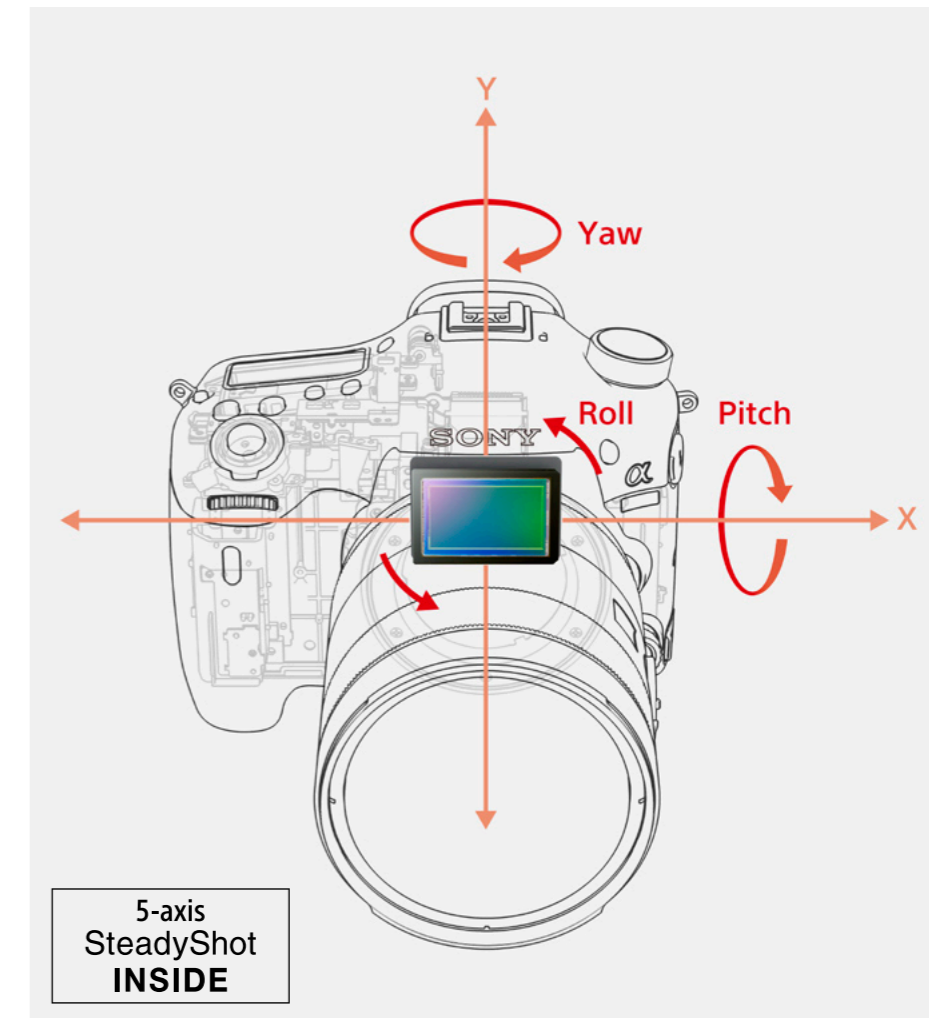
The 14-bit digital output from the sensor is processed in 16-bit form by the front-end LSI and BIONZ X processor before being output as 14-bit RAW data with exceptionally smooth, natural gradations and detail. Compressed or uncompressed RAW output can be selected as required.





70-200mm F2.8 G SSM II (SAL70200G2), 1/800 sec., F4, ISO 400

Unprecedented A-mount Stability



Optical 5-axis in-body image stabilization maximizes 42.4 megapixel performance

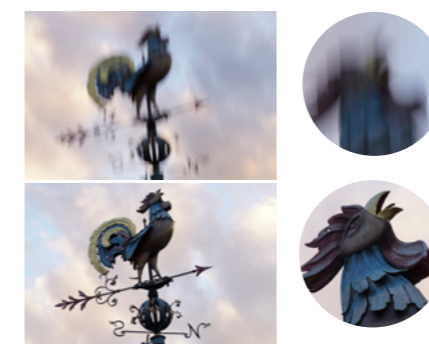
The **α99 II** benefits from a brand-new full-frame optical 5-axis in-body image stabilization system that has been developed specifically for A-mount cameras. Advanced 5-axis image stabilization not only helps to realize the full resolution potential of the body's 42.4 megapixel sensor, but also works effectively for movies as well as stills. The redesigned

system implements precision gyro sensors that are capable of accurately detecting even the tiniest camera motions that might cause blur, providing up to a 4.5 stop shutter speed advantage.* In addition to unwanted movement on the pitch and yaw axes that becomes more of a problem at longer focal lengths, this system effectively

detects and compensates for shift blur that can occur on the X and Y axes when shooting close up, and roll blur that is often apparent in still images and movies shot at night. 5-axis SteadyShot INSIDE makes it possible to capture clear, blur-free images handheld in situations that would otherwise require a tripod or additional lighting.

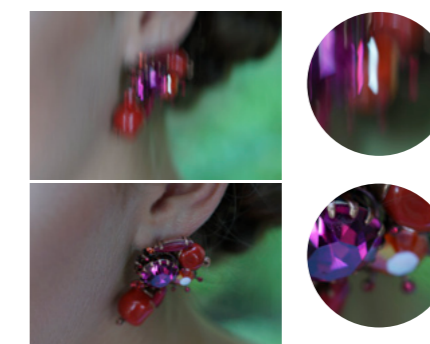
* CIPA standards. Pitch/yaw shake only. SAL135F18Z lens. Long exposure NR off.

Pitch and yaw compensation



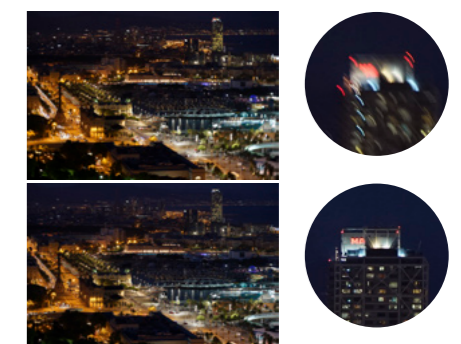
Compensation for commonly experienced pitch and yaw shake at long focal lengths.

Horizontal and vertical shift compensation



Compensation for X and Y-axis shift shake at high magnification (during macrophotography, etc.).

Roll compensation



Compensation for roll shake on the Z axis during long exposures. Most in-lens systems for interchangeable-lens cameras cannot compensate for roll shake.

Comprehensive Support for Your Shooting Style



XGA OLED
Tru-Finder

A beautiful XGA OLED Tru-Finder view

An XGA OLED Tru-Finder with a high-resolution, high-contrast organic light-emitting diode panel and precision optics provides a truly beautiful view. 0.78x magnification provides an expansive image, and corner-to-corner clarity is outstanding. ZEISS T* Coating minimizes reflections, and a fluorine coating on the outer

lens prevents fingerprints, dust, water, oil, and dirt from sticking. Exposure and other settings apply to the viewfinder image in real-time so you can see the final results as you shoot, and a viewfinder magnification function provides up to 15.5x magnification for precise manual focus.

Enhanced monitor detail and visibility

WhiteMagic™ technology significantly enhances the visibility of the 1,228 k-dot LCD monitor by adding white pixels as necessary to ensure that LCD viewing is always bright and clear, even in sunny outdoor conditions.

3-axis tilt maximizes shooting freedom

The LCD monitor can be positioned on three axes for optimum viewing at any height, whether you're using landscape or portrait orientation.

Whatever the shooting posture, the monitor can be positioned for easy, intuitive framing and composition. Flexible positioning is also possible

when the camera is tripod mounted or the vertical grip is attached.



Intuitive menu organization

The menu font design and size have been revised for improved legibility, and new menu organization makes it easier than ever to locate required items and information.



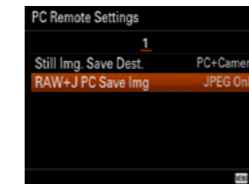
Assignable Front Multi Controller

An evolved version of the original Silent Multi Controller, this Multi Controller not only controls aperture, shutter speed, ISO, exposure compensation, AF area, AF mode, and other settings for stills and movies, but features a click-stop ON/OFF switch as well. When ON, the control clicks to provide tactile feedback. When OFF, it turns smoothly and quietly so as not to interfere with movie recording.



Image storage selection* for PC remote

When the camera is tethered to a computer, still images can be stored in the camera as well as on the computer* so they can be reviewed without having to leave the camera position. And when shooting RAW+JPEG it is possible to transfer only the JPEG files to the computer to reduce data volume and allow transferred images to be reviewed almost immediately.



*The still image storage destination cannot be changed during Remote Camera Control operation. Select the desired destination beforehand.

Optional vertical grip

The optional VG-C77AM vertical grip can house two batteries (NP-FM500H, optional) for extended shooting time. The vertical grip also features a comprehensive range of controls for easy, efficient vertical-format shooting.



Fast function access with Quick Navi Pro

Quick Navi Pro offers easy access to major camera settings, showing current settings while allowing direct adjustment without having to go to the menus. Histogram and digital level displays are included.



Dual media slots

SD card and SD/MS card slots are provided. The same data can be simultaneously recorded to both cards, or you can choose to separate RAW/JPEG and stills/movies. Data can also be copied between cards.



Instantly recall memorized camera setups

Up to three camera setups, including modes and camera settings, can be registered in memory for instant recall via the mode dial whenever needed. An additional four setups can be saved to a memory card. Setups saved to a memory card can be loaded into any α99 II body.



Custom button assignments

Custom button assignments allow the camera interface to be customized for individual shooting preferences. The AEL button, ISO button, AF/MF button, custom key, and preview button can all be reassigned to select functions of your own choosing. 65 functions* are available for assignment.



*Some functions can only be assigned to certain buttons.

Pro Durability in a Compact Body



Lightweight, durable magnesium alloy chassis

To ensure maximum durability for tough working conditions, the top cover, rear cover, and internal frame are constructed of a magnesium alloy that is both lightweight and extremely rigid.



Reliable dust and moisture resistant design

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.*

* Not guaranteed to be 100% dust and moisture proof.



Downsized design with improved ergonomics

The new compact 5-axis image stabilization system and other improvements have enabled an overall revision of internal layout and construction, making the **α99 II** approximately 8% smaller than the **α99**. A refined grip design and numerous other upgrades offer notably improved hold comfort and operation.

Fast, durable shutter unit

A new shutter unit designed for faster response has passed endurance tests in excess of 300,000* shutter operations. The new shutter unit contributes to extended reliability, as well as 12 fps continuous shooting capability.

* Electronic front curtain shutter activated.

Anti-dust system shakes off dust and dirt

A special coating prevents dust and dirt from settling on the image sensor surface where changes in humidity and temperature can make cleaning difficult, while at the same time making settled dust easier to detach.

Dazzling 4K Detail and Quality



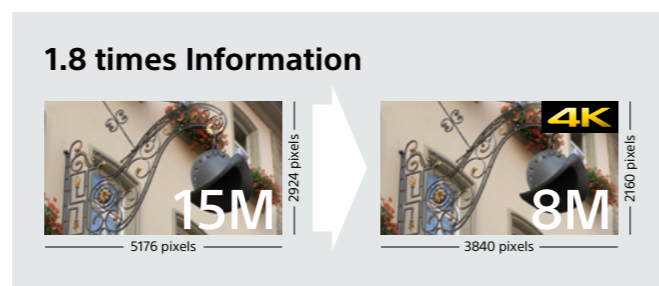
Beautiful 4K Movies*

Full pixel readout with no pixel binning in Super 35mm format generates approximately 1.8 times the data required for 3840 x 2160 4K movies. That oversampled data is then processed to produce beautiful 4K imagery with spectacular resolution and minimal moiré effect. The **α99 II** is also capable of recording full-frame 4K, with all the expressive nuance and subtlety that the full-frame format provides. Choose Super 35mm or full-frame 4K to best suit the type of imagery your artistic vision requires.

* Class 10 or higher SDHC/SDXC memory card required for XAVC S format movie recording. UHS-I (U3) SDHC/SDXC card required for 100Mbps recording.

XAVC-S*

The **α99 II** records 4K and HD movies in XAVC-S format, using MPEG-4 AVC/H.264 compression to generate mp4 files with uncompressed linear PCM audio. 4K movies are recorded at up to 100 Mbps, while HD movies are recorded at up to 100Mbps at 120fps (100fps). To the viewer those technical details simply mean breathtaking movie quality and great sound.



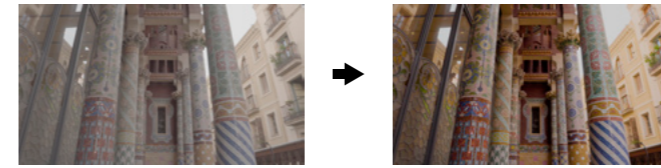
Recording format	Image size	Frame rate	Wrapper	Bit-rate
XAVC S 4K	4K 3840 x 2160	30p (25p)/24p	MP4	100Mbps/60Mbps
XAVC S HD	Full HD 1920 x 1080	60p (50p)/30p (25p)/24p	MP4	50Mbps
		120p (100p)		100Mbps/60Mbps

* Class 10 or higher SDHC/SDXC memory card required for movie recording.



S-Gamut/S-Log recording

S-Log3 and S-Log2* gamma offer wide dynamic range without blown highlights or blocked shadows. Post-production color grading will bring the images to life with a wide range of creative options. S-Log3 gamma provides approximately 14 stops of latitude. The **α99 II** even includes a Gamma Display Assist function that lets you monitor with natural contrast and color via the Tru-Finder and LCD monitor while recording with an S-Log gamma curve.



Picture Profile

Pre-assign a certain look to movies before shooting by fine-tuning gradation (Black Level, Gamma, Black Gamma, Knee), color adjustment (Color Mode, Saturation, Color Phase, Color Depth) and Detail. Save and recall up to nine profiles of adjusted parameters with other settings, including S-Gamut3.Cine/S-Log3 and S-Gamut3/S-Log3.

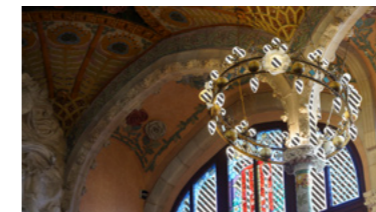
Gamma Display Assist

This function lets you view images with natural contrast while recording in S-Log gamma setting, converting S-Log2 and S-Log3 into ITU709 (800%) gamma for monitoring* images, or checking focus while enlarging an image on the LCD screen or viewfinder.

* Gamma Display Assist is not available for monitoring on external displays and television sets.

Enhanced Zebra function

Simplify exposure monitoring, especially when shooting in S-Log gamma setting. Target a video signal brightness level from 0-109%, set a range between +10% and -10% of that value, and zebra pattern indicates areas with that level of exposure within that range. New minimum brightness level setting reliably warns you to avoid blown-out highlights.



Slow and quick motion¹

Frame rates from 1 fps to 120fps (100fps) can be selected in eight steps for up to 60x quick motion and 5x slow motion² while recording at up to 50 Mbps with full-HD quality. Slow and quick motion offer an almost endless variety of creative ways to express the passage of time.

¹ No sound recording. Class 10 or higher SDHC/SDXC memory card required.
² NTSC standard. Up to 4x slow motion and up to 50x quick motion available with PAL.

S&Q Record Setting	NTSC	24p	30p	60p					
	PAL	25p	50p						
S&Q Frame Rate	NTSC	1fps	2fps	4fps	8fps	15fps	30fps	60fps	120fps
	PAL	1fps	2fps	3fps	6fps	12fps	25fps	50fps	100fps

Extract stills from movies

High-quality stills can be extracted from movies and stored separately. 8 megapixel stills can be extracted from 4K movies, and 2 megapixel stills can be extracted from full-HD movies.

Clean HDMI output

Choose 4K (QFHD: 3840 x 2160 pixels) output with 30fps (25fps) and 24p frame rates for recording high-quality 4K movies as uncompressed footage on a compatible external recorder, or for direct viewing on a compatible monitor or TV, while recording in-camera*.

* Image will not be displayed on the camera's LCD screen during 4K recording.

Microphone terminal for clear sound and more

In addition to plug-in microphones, the camera supports line input from professional-standard audio devices with XLR terminal, with use of a separately sold XLR adaptor kit (XLR-K2M/XLR-K1M) that enables connection with various high-end microphones. That way, you can make fine audio setting adjustments and high-quality/low-noise sound recordings worthy of serious movie shooting.



Details for Precise, Versatile Image Control



New Highlight and Average metering modes

In addition to the existing multi, center weighted, and spot metering modes, the α 99 II features a Highlight mode that detects the brightest area in the frame to avoid blown highlights, and an Average mode that can provide stable auto exposure through composition changes.

Exposure Std. Adjust: Highlight



Exposure Std. Adjust: Entire Screen Avg.



Priority Set in AWB

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

Priority Set in AWB: Ambience



Priority Set in AWB: White

Enhanced spot metering

The spot exposure metering position can be linked to the focus area when the Flexible Spot or Expand Flexible Spot mode is in use. You also have a choice of Standard or Large metering spot size for optimum exposure with the widest range of subjects.

Exposure standard adjustment

The standard exposure value can be adjusted from -1 to +1 stop in 1/6-stop increments. This setting can be made separately for each metering mode.

Finer white balance adjustment

White balance fine adjustment increments are 2x finer on the A-B axis and 4x finer on the G-W axis, for higher overall white balance adjustment precision.

ISO AUTO Min. shutter speed

This function sets the shutter speed above which ISO sensitivity will begin to change when the camera mode is set to "P" or "A" and "ISO AUTO" is selected. The ability to specify a low ISO AUTO limit can help minimize subject blur when shooting moving subjects.

Bright monitoring

Increases brightness and improves monitor visibility when shooting the nighttime sky or similar subjects. Bright monitoring can be assigned to a custom button for convenient ON/OFF switching.

Set File Name

The first three characters of still image file names can now be edited for easier identification.

Connect, Organize, and Edit

Wi-Fi / NFC™ / QR code

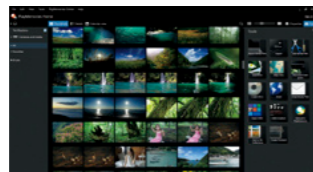
With one-touch remote, a smartphone or tablet functions as a viewfinder/remote control. One-touch sharing transfers photos/videos to the device. Just install a PlayMemories Mobile™ app via Wi-Fi to an NFC-enabled Android device, then touch the device to the camera to connect them. The camera also introduces QR code compatibility for easy connection with non-NFC smartphones.



PlayMemories Home™



It's easy to install this image management software onto a Windows or Mac computer, then use it for easy viewing, editing and printing. You can also upload and share content via network services.



Note: Features are different on Mac and Windows versions.

Location Information Link via Bluetooth¹

After the camera has been paired to the PlayMemories Mobile² app installed on a compatible mobile phone or tablet device, it can acquire location data from the mobile device and record that data with still images or movies. The PlayMemories Home application can then be used on a personal computer to organize images imported into the computer on a map.

¹ Bluetooth connectivity available with the following terminal devices (at the date of release):
-Android (Android 5.0 or later, Bluetooth 4.0 or later)
-iOS (Bluetooth 4.0 or later)

² Use the latest version of PlayMemories Mobile.

Capture One Express (for Sony)

Take advantage of this RAW converter that you can download for free from Phase One. Not only is it great for rendering colors and details with incredible precision – it also features flexible digital asset management, all essential adjustment tools, and fast, responsive performance in one convenient, customizable, integrated solution.



* Please direct all inquiries on purchase, usage and support on Capture One solutions to Phase One.

Number of recordable frames for single media (Image size L 42M, aspect ratio 3:2)

	8GB	16GB	32GB	64GB
Standard	770	1,550	3,100	6,200
Fine	520	1,000	2,100	4,200
Extra fine	270	540	1,050	2,150
RAW & JPEG (Compressed RAW)	130	260	520	1,050
RAW (Compressed RAW)	170	350	700	1,400
RAW & JPEG (Uncompressed RAW)	75	150	300	600
RAW (Uncompressed RAW)	88	175	355	710

Movie recording time for single media (Hours:Minutes:Seconds)

		8GB	16GB	32GB	64GB
XAVC S 4K	30p 100M/25p, 100M	0:09:00	0:15:00	0:35:00	1:15:00
	30p 60M/25p, 60M	0:15:00	0:30:00	1:00:00	2:05:00
	24p, 100M	0:09:00	0:15:00	0:35:00	1:15:00
	24p, 60M	0:15:00	0:30:00	1:00:00	2:05:00
XAVC S HD	120p, 100M/100p 100M	0:09:00	0:15:00	0:35:00	1:15:00
	120p, 60M/100p 60M	0:15:00	0:30:00	1:00:00	2:05:00
	60p, 50M/50p 50M	0:15:00	0:35:00	1:15:00	2:35:00
	30p, 50M/25p 50M	0:15:00	0:35:00	1:15:00	2:35:00
	24p, 50M	0:15:00	0:35:00	1:15:00	2:35:00
AVCHD	60i 24M (FX)/50i 24M (FX)	0:40:00	1:25:00	3:00:00	6:00:00
	60i 17M (FH)/50i 17M (FH)	0:55:00	2:00:00	4:05:00	8:15:00
	60p 28M (PS)/50p 28M (PS)	0:35:00	1:15:00	2:30:00	5:05:00
	24p 24M (FX)/25p 24M (FX)	0:40:00	1:25:00	3:00:00	6:00:00
	24p 17M (FH)/25p 17M (FH)	0:55:00	2:00:00	4:05:00	8:15:00
MP4	1920x1080, 60p 28M/50p 28M	0:35:00	1:15:00	2:35:00	5:20:00
	1920x1080, 30p 16M/25p 16M	1:00:00	2:00:00	4:10:00	8:25:00
	1280x720, 30p 6M/25p 6M	2:35:00	5:20:00	10:55:00	22:00:00

- Recommended memory cards for movie recording in AVCHD/MP4 formats: Memory Stick PRO Duo (Mark2), Memory Stick PRO-HG Duo, SD memory card/SDHC memory card/SDXC memory card(Class 4 or more)
- Recommended memory card for movie recording in XAVC S format: SDHC/SDXC memory card of Class 10 or higher
- The numbers in the table show approximate maximum recordable time obtained by totaling all movie files.
- AVCHD movies are automatically divided into separate files up to a maximum of 2GB each.

- Flash sync terminal
- Speaker
- REMOTE terminal
- Microphone jack
- Headphones jack
- HDMI micro jack
- Multi/Micro USB Terminal
- DC IN terminal
- WB (White balance) button
- Drive mode button
- Microphone
- Mode dial
- Mode dial lock release button
- Multi Interface Shoe
- ON/OFF (Power) switch
- Shutter button
- Exposure compensation button
- ISO button
- Display panel illumination button
- Image sensor position mark
- Display panel
- FINDER/MONITOR button
- Front dial
- Lens contacts
- Remote sensor/Self-timer lamp
- Mount
- Preview button
- C2 button (Custom button 2)
- Mounting index
- Lens release button
- Front multi-controller
- Front multi-controller click switch
- Shutter button
- Front Control dial



- Shutter speed / Aperture
- ISO sensitivity
- White balance
- Remaining battery
- Exposure compensation / Flash compensation
- Drive Mode / Remote controller
- Remaining number of recordable images
- Image quality
- Eye sensor
- Viewfinder
- MENU button
- Eyepiece cup
- Monitor
- Light sensor
- Playback button
- MOVIE button
- For shooting: AF/MF button
For viewing: Enlarge button
- Rear dial
- For shooting: AEL button/
SLOW SYNC button
For viewing: Image index button
- Multi-selector / Center button
- DISP (Display) button
- For shooting: Fn (Function) button
For viewing: Send to Smartphone button
- Smart Telecon. button
- Access lamp
- For shooting: C1 button (Custom button 1)
For viewing: Delete button
- Dioptric-adjustment dial
- SLOT1 (Memory card slot 1)
- SLOT2 (Memory card slot 2)
- Hooks for shoulder strap
- N mark
- Smart teleconverter button / Focus Magnifier button
- For shooting: Fn (Function) button
For viewing: Image rotation button
- Multi-selector
- Rear control dial
- For shooting: AEL (AE lock) button / SLOW SYNC button,
For viewing: Image index button
- For shooting: AF/MF button
For viewing: Enlarge button
- Exposure button
- Grip control On/Off switch

α Lens: Give your body the best



Sony's G Lens technology is in a league of its own. Some of the most advanced optical technology available comes together with refined creative control, giving visual creators the tools they need to turn inspiration into

unforgettable imagery. Whether you want lifelike rendering and detail, dreamy backgrounds with ethereal bokeh, or a sublime balance of these and other elements, there's a G Lens that can make your vision a reality.



70-200mm F2.8 G SSM II
(SAL70200G2)

70-300mm F4.5-5.6 G SSM II
(SAL70300G2)

70-400mm F4-5.6 G SSM II
(SAL70400G2)

35mm F1.4 G
(SAL35F14G)

300mm F2.8 G SSM II
(SAL300F28G2)

500mm F4 G SSM
(SAL500F40G)



Teleconverters

These precision optical accessories can be used to increase the focal length of compatible lenses with no impact on image quality. They are ideal for nature or sports, and a great way to minimize gear.



1.4x Teleconverter
(SAL14TC)



2x Teleconverter
(SAL20TC)

Compatible lenses

SAL70200G2 (70-200mm F2.8G SSM II)^{*1}
SAL300F28G2 (300mm F2.8 G SSM II)^{*1}
SAL70400G2 (70-400mm F4-5.6 G SSM II)^{*2}
SAL135F28 (135mm F2.8 [T4.5] STF)^{*2}
SAL500F40G (500mm F4 G SSM)^{*3}

^{*1}: Compatible with MF and AF focusing modes.
^{*2}: Compatible with MF focusing mode only.
^{*3}: SAL14TC: Compatible with MF and AF focusing modes, SAL20TC: Compatible with MF focusing mode only.
* Teleconverters should not be used with the E-mount camera bodies



Over 160 years of ZEISS® optical expertise has been distilled into a series of outstanding lenses developed jointly by ZEISS® and Sony. Exclusive T* (T-star) Coating technology maximizes light transmission while minimizing flare

and ghosting, advanced optics deliver detailed rendering with faithful, luminous colors, and meticulous engineering achieves extraordinarily smooth, precise operation. Unlock your artistic potential with some of the world's finest lenses.



Vario-Sonnar T* 16-35mm F2.8 ZA SSM II
(SAL1635Z2)

Vario-Sonnar T* DT 16-80mm F3.5-4.5 ZA
(SAL1680Z)

Vario-Sonnar T* 24-70mm F2.8 ZA SSM II
(SAL2470Z2)

Distagon T* 24mm F2 ZA SSM
(SAL24F20Z)

Planar T* 50mm F1.4 ZA SSM
(SAL50F14Z)

Planar T* 85mm F1.4 ZA
(SAL85F14Z)

Sonnar T* 135mm F1.8 ZA
(SAL135F18Z)

Sony full-frame lenses

Sony's full-frame lenses are painstakingly designed and manufactured to bring out the best in α-series full-frame digital cameras. Crafted to exacting optical standards they offer high-resolution, lifelike rendering, and an

engaging sense of clarity and depth that provide a solid foundation for expressive imagery. They also offer the expressive control you need to reimagine the world in creative new ways.



16mm F2.8 Fisheye
(SAL16F28)

20mm F2.8
(SAL20F28)

50mm F1.4
(SAL50F14)

50mm F2.8 Macro
(SAL50M28)

85mm F2.8 SAM
(SAL85F28)

100mm F2.8 Macro
(SAL100M28)

135mm F2.8 [T4.5] STF
(SAL135F28)

28-75mm F2.8 SAM
(SAL2875)

* Manual focus only.

Sony DT lenses

DT lenses are specifically designed to provide optimum optical performance and creative control with digital interchangeable-lens cameras that have APS-C format image sensors. DT lenses can be used with the full-frame

α99 II when the camera's "APS-C/Super 35mm" parameter is set to "On" or "Auto," with no compromise in final image quality or XGA OLED Tru-Finder operation.



DT 30mm F2.8 Macro SAM
(SAL30M28)

DT 35mm F1.8 SAM
(SAL35F18)

DT 50mm F1.8 SAM
(SAL50F18)

DT 11-18mm F4.5-5.6
(SAL1118)

DT 16-50mm F2.8 SSM
(SAL1650)

DT 16-105mm F3.5-5.6
(SAL16105)

DT 18-55mm F3.5-5.6 SAM II
(SAL18552)

DT 18-135mm F3.5-5.6 SAM
(SAL18135)

DT 18-250mm F3.5-6.3
(SAL18250)

DT 55-200mm F4.5-5.6 SAM
(SAL55200-2)

DT 55-300mm F4.5-5.6 SAM
(SAL55300)

Accessories for Well-rounded Imagery

Flash
HVL-F60M
Multi Interface Shoe
Auto-lock Accessory Shoe
LED Light



- High-power high-end model: guide number 60 (105 mm, ISO 100 • m)
- High-power flash with built-in LED light for stills and movies
- Wireless multi flash ratio control
- Sony original Quick Shift Bounce

Wireless Radio Commander
FA-WRC1M
Multi Interface Shoe



- The FA-WRC1M commander works in conjunction with the FA-WRR1 receiver
- Controls shooting mode, flash ratio, and flash compensation of flash units mounted at distances of up to 30 meters away from the commander
- Allows remote release triggering of multiple cameras

Wireless Radio Receiver
FA-WRR1
Accessory Shoe



- Allows wireless remote control of current flash units
- Receives wireless commands from the FA-WRC1M commander unit at distances of up to 30 meters
- Can remotely trigger camera release when connected to the camera via the optional VMC-MM1 Multi Terminal Connecting Cable

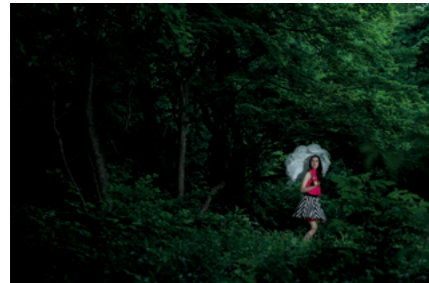
Multi Terminal Connecting Cable
VMC-MM1
MULTI



- Can be used to provide remote camera release for multi-camera setups with the FA-WRC1M Wireless Remote Commander and FA-WRR1 Wireless Remote Receiver

Radio control

Although light-based remote light control is fine for close-range setups where ambient lighting is appropriate and there are no obstacles to block the control signals, radio remote will reliably handle a much wider range of environments. The control signals will reach the receivers regardless of prevailing lighting conditions, receiver location, or obstacles. Radio wireless ensures the most consistent results in the widest range of shooting situations.



Deep compositions

With a range of up to approximately 30 meters you can strategically place and control lights to most effectively illuminate distant subjects or background details.



Reliable in any light

While light-based control can be disrupted by bright sunlight or other sources that include infrared components, radio control will operate reliably in any lighting conditions.



Work around obstacles

Radio control will work around obstacles that would block a light signal from the flash. Receivers can be positioned behind the camera or subject without compromising reliability.

Vertical Grip
VG-C77AM
InfoLITHIUM M SERIES



- Holds up to two NP-FM500H rechargeable battery packs for extended shooting and playback time.
- The exterior features a durable grip rubber over wide areas of both the front and rear for a secure, non-slip grip.

* May not be available in all regions.

XLR Adaptor Kit
XLR-K2M
Multi Interface Shoe



- Professional standard XLR microphone connectors
- Balanced inputs allow use of balanced microphone cables for high-quality sound with minimum noise
- Accepts a wide range of professional microphones: monaural, stereo, condenser, dynamic

Clip-on LCD Monitor
CLM-FHD5
Multi Interface Shoe
Accessory Shoe



- Full-HD compatible 5.0 type monitor is ideal for refining focus, exposure, and framing with high-resolution cameras
- Shooting aids include peaking, false color, and video level marker
- Two assignable custom buttons

Back pack
LCS-BP3



- High-end features and capacity for professional needs
- Padded straps and waist band for easy carrying
- Handy integrated rain cover
- Material: polyester
- Dimensions (W x H x D): approx. 330 X 480 X 250 mm

Flash

Macro Twin Flash Kit **HVL-MT24AM** | Shoe Adaptor **ADP-MAA**

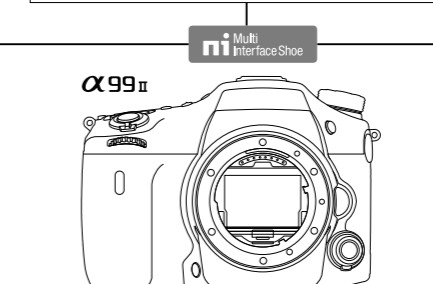
Flash **HVL-F60M** | Flash **HVL-F43M** | Flash **HVL-F32M**

Wireless Radio Commander **FA-WRC1M** | Wireless Radio Receiver **FA-WRR1** | Flash **HVL-F20M**

Light

Battery Video Light **HVL-LE1** | Battery Video Light **HVL-LBPC**

Battery Video IR Light **HVL-LEIR1** | Ring Light **HVL-RL1**



Power / Other

Rechargeable battery Pack **NP-FM500H** | Battery Charger **BC-VM10** | Battery Charger **BC-QM1**

LCD Protect Semi Hard Sheet **PCK-LM14** | Eyepiece Cup **FDA-EP16** | Angle Finder **FDA-A1AM**

Body Cap **ALC-B55** | Circular PL Filters **VF-49CPAM/55CPAM/62CPAM/67CPAM/72CPAM/77CPAM/82CPAM** | MC Protectors **VF-49MPAM/55MPAM/62MPAM/67MPAM/72MPAM/77MPAM/82MPAM**

HDMI Cable (Micro) **DLC-HEU15/30** | Multitripod **VCT-MP1** | Tripod **VCT-P300**

Bracket **VCT-SS1H** | Shoe Cap **FA-SHC1M** | Remote Commander **RMT-DSL2**

Vertical Grip

VG-C77AM
InfoLITHIUM M SERIES

Tripod / Commander

Remote Control Tripod **VCT-VPR10** | Remote Control Tripod **VCT-VPR1** | Remote Commander **RM-SPR1**

Remote Commander **RM-VP1** | Remote Commander and IR Receiver Kit **RMT-VP1K**

Strap/Grip Belt

Shoulder Strap **STP-SB2AM** | Shoulder Strap **STP-SS5** | Shoulder Strap **STP-XH70** | Shoulder Strap **STP-XH1** | Grip Belt **STP-GB1AM**

Microphone / Monitor

Stereo Microphone **ECM-XYST1M** | Shotgun Microphone **ECM-CG60** | Wireless Microphone **ECM-AW4** | Wireless Microphone **ECM-W1M**

XLR Adaptor Kit **XLR-K2M** | XLR Adaptor Kit **XLR-K1M**

Electret Condenser Microphone **ECM-MS2** | Electret Condenser Microphone **ECM-680S**

UWP-D Package **UWP-D11/D12** | Multi Interface Shoe Adaptor **SMAD-P3**

Clip-on LCD Monitor **CLM-FHD5** | Clip-on LCD Monitor **CLM-V55**

Case

Soft Carrying Case **LCS-AMB** | Soft Carrying Case **LCS-SL20** | Sling Bag **LCS-SB1**

Soft Carrying Case **LCS-PSC7** | Soft Carrying Case **LCS-SC8** | Soft Carrying Case **LCS-SC21**

Back Pack **LCS-BP2** | Back Pack **LCS-BP3**