

SONY

For Immediate Release

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Sony Electronics Announces Second-Generation Flagship

Alpha™ 1 II Full-Frame Camera

A Combination of High-Resolution, Speed, and AI Recognition Designed for a Variety of Professional Applications



(SYDNEY AUSTRALIA, 20 NOVEMBER 2024) – Sony introduces the second-generation , a new flagship full-frame mirrorless interchangeable lens camera powered by Sony's latest AI processing unit. The camera features an approximate effective 50.1 MP (megapixel) resolution sensor, up to 30 fps (frames-per-second) blackout-free continuous shooting with AF/AE tracking¹, an anti-distortion shutter, and improved image clarity at mid-to-high sensitivities. The AI processing unit brings advanced AI-based subject recognition

¹ When using electronic shutter. Sony test conditions. Maximum continuous frame rate may be lower in some shooting conditions. Continuous shooting speed may vary depending on the lens used in AF-C focus modes. Visit Sony's support web page for lens compatibility information.

performance and features including a new “Auto” mode which can detect a wide variety of subjects. In addition, the Alpha 1 II also inherits innovations from the Alpha 9 III, including Pre-Capture of up to one second², and an improved ergonomic design. The camera maintains a lightweight form factor of approximately 743 grams for usability in a variety of professional scenarios.

High-Resolution, Speed, and AI Combination

The Alpha 1 II produces high-resolution images with a wide dynamic range through the combination of the full-frame Exmor RS® stacked CMOS sensor with approx. 50.1 effective MP resolution and the latest BIONZ XR® image processing engine. The camera delivers high-resolution images even in APS-C crop mode, capturing approximately 21 effective MP.

The camera offers blackout-free high-speed continuous shooting with AF/AE tracking at up to 30 frames per second³, which can track complex movements with AF/AE calculations at up to 120 times per second⁴. The camera also includes the highly requested Pre-Capture function, which allows images to be captured up-to one second before the shutter button is pressed⁵, and the Continuous Shooting Speed Boost that can temporarily change the burst shooting speed.

In addition, Real-time Recognition AF has been added to the latest Alpha 1 II with the addition of the AI processing unit. This technology maintains focus on subjects, including a human pose estimation that instantly recognises a person's head and torso, as well as accurately tracks animals, birds, insects, and vehicles. The Alpha 1 II introduces the latest evolution to Real-time Recognition AF with a newly added “Auto” feature that allows the camera to automatically recognise the subject target without specifying a subject mode⁶.

Stable Shooting with Reduced Distortion and Noise

To support the need for high-performing speed required by many professionals, the Alpha 1 II features an anti-distortion shutter that enables shooting with reduced distortion. The low

² Maximum pre-capture time may be less in some situations. High continuous shooting speeds can cause an increase in camera temperature. Pre-capture may be limited to protect the device in high ambient temperature conditions.

³ When using electronic shutter. Sony test conditions. Maximum continuous frame rate may be lower in some shooting conditions. Continuous shooting speed may vary depending on the lens used in AF-C focus modes. Visit Sony's support web page for lens compatibility information.

⁴ At shutter speeds of 1/125 sec. or higher. May be less depending on shooting conditions and the lens used.

⁵ Maximum pre-capture time may be less in some situations. High continuous shooting speeds can cause an increase in camera temperature. Pre-capture may be limited to protect the device in high ambient temperature conditions.

⁶ When Auto is selected the camera will normally recognise the subject type automatically, but the wrong type may be selected in some situations. In such cases manually selecting the intended subject type may solve the problem.

noise performance at mid to high-sensitivity, which is highly requested by professional photographers, has also been improved through tuning, allowing you to capture images with less noise and clear backgrounds even in indoor sports where a high shutter speed is required.

Additionally, the Alpha 1 II has impressive improved optical image stabilisation of up to 8.5 stops (centre) and 7.0 stops (periphery)⁷ when shooting still images, as well as a newly supported Dynamic Active Mode for video shooting⁸.

Comfortable Operability and Highly Responsive Workflow

The camera features a 3.2-type LCD monitor with a highly requested 4-axis multi-angle that can be freely adjusted to any angle. This second-generation camera body has improved ergonomics compared to the original Alpha 1, including thoughtful design updates to the grip, position of the shutter button, and evolved custom buttons.

The Alpha 1 II includes a new deep-type padded eyepiece cup (model FDA-EP21) accessory for additional viewing support. A standard eyepiece comes attached to the camera by default but can be swapped with the deep pad option based on the user's preference.

For additional battery support, the Alpha 1 II comes with the BC-ZD1 Dual-Battery Charger that rapidly and stably charges two Z batteries (model NP-FZ100) simultaneously in 155 minutes to full charge⁹. In addition, the VG-C5¹⁰ compatible vertical grip offers additional ergonomic support with additional battery performance for extending shooting needs.

For professionals seeking a quick, real-time image transfer solution, the Alpha 1 II supports 2.5GBASE-T via wired LAN. This high level of connectivity dramatically improves workflows from data transfer to content creation and distribution, increasing the work efficiency of professionals.

⁷ CIPA 2024 standards. Pitch/Yaw/Roll compensation. FE 50mm F1.2 GM lens. Long exposure NR off.

⁸ Dynamic Active Mode is not available when shooting in 8K or at frame rates of 120 fps or higher.

⁹ Simultaneous two-battery charging requires a USB PD (30 W min.) compatible power and cable (3 A min.) The CHARGE lamp will turn off when battery charge level exceeds 90% (operational charge). Continue charging for another 30 minutes to achieve a full charge. Actual performance varies based on settings, environmental conditions, and usage.

¹⁰ The VG-C5 vertical grip is sold separately.

Additionally, captured data can be automatically transferred to Adobe Lightroom™ or Google Drive™ via Sony's cloud storage service, Creators' Cloud¹¹. This makes editing work after shooting even more convenient.

Environmentally Conscious Packaging

To prioritise sustainability, this model's packaging is entirely free of plastic, marking the first Alpha series camera (excluding ZV-series) to use Sony's Original Blended Material – a unique mix of bamboo, sugarcane, and recycled paper¹².

Availability & Price

The **Alpha 1 II** will be available in Australia at the end of December 2024.

SRP: \$10,999

A product video on the new Alpha 1 II can be viewed here: <https://youtu.be/xYMNPvgWcdY>

For detailed product information about the Alpha 1 II, please visit .

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About Sony Digital Imaging range: Sony is an innovator and leader in imaging technology with the widest range of mirrorless cameras and lenses in Australia for both photography and filmmaking. The Alpha mirrorless system gives you an unmatched choice of creative options.

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¹¹ Priority settings in the Creators' Cloud mobile application "Creators' App" or "Creators' Cloud Web" is necessary. Creators' Cloud may not be available in all regions.

¹² Not including materials used in coatings and adhesives.

Images: Product images can be downloaded from the Sony Australia & NZ Flickr site: <https://www.flickr.com/photos/sony-anz/>. For assistance, please contact the Sony team at Adhesive PR at sony@adhesivepr.com.au

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