

New housing for Sony a7R III!

Nauticam
innovation underwater



NA-A7RIII for Sony a7R III

42.4MP Full-Frame, 10 fps, 4K with 5-Axis IS in a Mirrorless!

The Sony a7R III is the company's latest high-resolution full-frame mirrorless camera. Following hot on the heels of Nikon's recent D850 release, Sony's newest full-frame camera also combines resolution with high speed shooting and fast autofocus capabilities to a degree we've not previously seen.

Achieving an overall [DxOMark sensor score](#) of 100 points, the same as the Nikon D850 makes the a7R III the highest-scoring mirrorless system camera to date, beating out its predecessor, the a7R II.

boosting out to 1000000, the a7R III.

The a7R III is built around a 42MP BSI CMOS sensor that delivers up to 15 stops of dynamic range and can shoot up to ten frames per second (8fps with no viewfinder blackout). UHD 4K footage can be captured either from the full width of the sensor or from a Super 35 size crop. The camera can also shoot 1080p video at up to 120p and has a function to conform this footage back down to 24 or 30p, if you want out-of-camera slow-mo. These functions are also available from both the full width of the sensor or from the cropped region. 5-axis image stabilization ('Steadyshot') is available in all modes and the ability to shoot in Hybrid Log-Gamma (HLG) adds support for an HDR video workflow.

The a7R III inherits many of the handling and speed improvements from the pro-sports model a9. This means faster processing, improved autofocus, and ergonomics, as well as the adoption of a much larger battery!

The Nauticam NA-A7RIII Housing

A professional housing befitting of a top-of-the-line camera, the NA-A7RIII underwater housing provides fingertip access to all key camera controls in a rugged and reliable aluminum underwater housing. Ergonomic camera control access is one of the defining strengths of a Nauticam housing, and the NA-A7RIII continues this tradition. Essential camera parameter changes are made from the handles, without awkward reaches.

The NA-A7RIII housing inherits the core design elements from the Nauticam pro DSLR range, and bundles them in a more compact package. A patented port locking lever allows lens changes to be made in seconds. Opening the housing for quick battery and media changes is fast and easy with the locking housing latches. All aspects of the system are a seamless extension of the camera.

Key Camera Specifications

- 42MP BSI CMOS sensor
- Faster, lower-noise image processing
- 10 fps shooting with full AF, 8 fps with 'live' updates between shots
- 3.69M dot (1280 x 960 pixel) OLED viewfinder
- Improved autofocus, including more tenacious Eye AF mode
- 5-axis image stabilization, rated at 5.5 stops (CIPA) with 50mm lens
- 4K footage from 'Super 35' crop region oversampled from 5K capture
- Video AF less inclined to refocus to background
- 'Picture Profile' video gamma/gamut modes including S-Log2 and 3
- Twin SD Card slots (one UHS-I and one UHS-II compatible)
- Bayer-cancelling multi-shot mode for improved resolution
- True 14 bit uncompressed Raw, even in continuous drive mode
- Use of phase detection (including Eye AF) at 3 fps with adapted lenses

Optics

Sharing the same lens port accessories as the Nauticam NA-A9 and NA-A7II housings, a list of thirteen Sony FE mount lenses are currently supported. An adapter allows the entire N120 DSLR lens lineup to be used as well, supporting the popular Canon EF lenses attached to the a7R III with an EF to Sony E mount lens adapter. Also available is an adapter to attach the water contact UW-Nikkor series lenses originally used on the Nikonos underwater range finder systems. From ultra-wide fisheye lenses to long macros, the Nauticam A7RIII system has all focal lengths covered.



NA-A7RIII shown equipped with a Sony Vario-Tessar T* FE 16-35mm f/4 ZA OSS Lens, N100 to N120 35.5mm Port Adapter with zoom/focus knob (37303), Extension Ring 50 with lock (21150) and a 180mm Optical-glass Wide-angle Port (18809).

Modern Optics for In Water Use

Inspired by the water contact lens designs of decades before, Nauticam is continually developing new optical accessories that raise the bar of what is possible in underwater imaging. Designed with modern lens-design software, and fully optimized for in-water use, these lenses provide significantly better performance than an in-air lens behind a dome or flat port alone.





Stunningly sharp, the Sony FE 28mm f/2 Lens combined with our WWL-1 (Wet Wide Lens) offers a 130° diagonal angle of view with the best overall image quality we've seen for Sony Full Frame E Mount Systems.



The SMC-1 (2.1:1 Reproduction Ratio) and/or SMC-2 (3.3:1 Reproduction Ratio) shown here with the Sony 90mm Macro Lens are the ultimate accessory lenses to be employed for Super Macro and beyond! Single and double flip adapters are available for secure, convenient use.

Flash Triggering

An optional LED flash trigger (26302) provides rapid fire strobe triggering with optical slave strobes over fiber optic cables. A new universal fiber optic cable set (26216) provides reliable triggering with all popular optical slave strobes!

Flash systems that use electrical sync cables can be connected to a Nikonos Bulkhead and Hatchbox (25050).

Built-in and Hotshoe (26302).



NA-A7RIII with the optional LED flash trigger (26302) mounted on the Sony a7R III hotshoe.

Build Quality

Nauticam build quality is simply unmatched, using cutting edge product design and modern, innovative manufacturing techniques that result in trouble free reliability. A bit like a fine Swiss time piece, the complexity under the hood results in a trouble free user experience that just works, and keeps working for years to come.



Our products are easy to setup, easy to use and simple to maintain.
Spring loaded controls allow you to simply slide in the camera and
controls align automatically!



Photographers need to be able to focus on the subject. Nauticam housings have the easiest and most intuitive controls. Buttons and controls are where they are needed underwater, not where they are on the camera.

Key Features



Port Locking Lever

The iconic Nauticam port locking lever allows effortless port changes. No twisting required, just press and lock.

This is a patented Nauticam feature, found on no other housing, providing unmatched ease of use!



Integrated Vacuum Monitoring and Leak Detection



Circuitry included as standard equipment provides constant monitoring of water tight integrity when combined with an optional Nauticam M14 Vacuum Valve II (25624). Green means safe to dive!



Vacuum System Reset Button

A blue button integrated in the camera mounting tray, accessible from the port mount, allows vacuum monitoring electronics to be reset when changing lenses from the front of the housing.



Locking Housing Latches

Securely and safely locked when closed, but effortless to open when needed, Nauticam Locking Housing Latches eliminate the finger pinching stainless steel buckles used in other housings.



Ergonomic Rubberized Handles with Stainless Steel Support Brackets

Rubberized handles and oversized controls are easy to operate even when wearing thick cold water gloves.

Handle support brackets are included with the housing, providing a solid "wobble



tree" attachment base to snoot from, even with heavy lighting systems. Multiple lanyard attachment points are included in the brackets.

Extensive Accessory Lineup

The range of Nauticam accessories is unmatched, from viewfinders to electronic bulkheads, multiple accessories are available to customize the system to individual needs. A variety of lens ports support all popular lenses. Accessory lenses, like the revolutionary Super Macro Converters, SMC-1 and SMC-2 enhance the system with super macro capabilities.

Tripod Mounting Balls

Mounting points for three industry standard 1" mounting balls are machined directly into the bottom of the housing, eliminating the need for accessory brackets to attach tripod legs. Tripod Mounting Ball Set (25218)

Viewfinder Options

The NA-A7RIII standard optical glass viewfinder is very good and travel friendly, but many photographers prefer the ease of a magnified viewfinder with dioptic adjustment. An accessory enlarging viewfinder allows the large 3.69M dot (1280 x 960 pixel) OLED viewfinder to be seen in its full glory!

Nauticam produces a "straight" 180° enhanced viewfinder and a 45° angled enhanced viewfinder to enhance the ease of close quarters work often associated with macro shooting. Both viewfinders have high quality optics, and allow bright viewing of the entire image. A patented external dioptic adjustment allows personal adjustment to a sharp-as-a-tack standard underwater and viewfinder changes can be executed in just a few seconds without using tools. As an added bonus, the viewfinders have extra clearance that provides more room for regulator second stages.



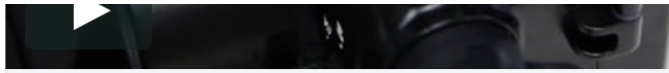
45° (32203) and 180° (32201) Magnifying Viewfinders provide a large, clear, corner-to-corner view of the Sony a7R III 3.69M dot (1280 x 960 pixel) OLED viewfinder.

Integrated Vacuum Check and Leak Detection System

The Nauticam vacuum check and leak detection system is shipped with NA-A7RIII as standard equipment. Combined with an accessory vacuum valve (PN 25624), this monitoring system provides constant updates on the water tight and safe-to-dive status of the housing. A simple color coded LED lighting system lets the user know that the vacuum is solid, or that the housing is losing vacuum. Leak detection is built into the same circuit, so if there is water intrusion, an audible and visual indication will occur.

The Nauticam system is temperature compensated, eliminating false alarms caused by a change in outside temperature, or from a camera heating up on an action packed dive.





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Nauticam Vacuum Leak Check System Tutorial

from Nauticam PRO 2 months ago

Recommended Accessories

- SMC-1, 2.1:1 Reproduction Ratio with Sony 90mm (81201)
- SMC-2, 3.3:1 Reproduction Ratio with Sony 90mm (81202)
- WWL-1 Wet-mount Wide Angle Lens (130 deg Diagonal with 28mm, 83201)
- M67 Flip Diopter Holder for M67 Macro Ports (25101)
- M67 Double Flip Diopter Holder for M67 Macro Ports (25108)
- M14 Vacuum Valve II (25624)
- Nikonos 5-pin bulkhead with universal hotshoe connection (25056)
- HDMI Bulkhead (25033)
- 180° Enhanced Viewfinder (32201)
- 45° Enhanced Viewfinder (32203)
- Mini flash trigger for Sony (26302)
- Tripod Mounting Ball Set (25218)
- Complete line of flat/dome ports for all major lenses, available in acrylic and glass
- Adaptor for UW-Nikkor "Nikonos" Rangefinder Lenses (37202)
- Universal fiber optic cable system (26216) for Inon, Sea&Sea and Nauticam.
- Full line of mounting accessories for lighting, including mount balls, strobe adapters, arms, clamps, and specialty items
- Multiple styles of lanyards
- Replacement Housing O-ring (90124)

Details and Specifications

- Depth Rating: 100m
- Weight: 2.43 kg
- Dimensions: 348mm x 200mm x 118mm W x H x D
- Battery for Vacuum system: CR2032

Model Number: 17420

Available December 18th

More information is available from Nauticam at:

www.nauticam.com