

LEAK ALARM UNIT 46135



This alarm unit allows you to check waterproofness on land by monitoring the internal pressure by making the inside of the housing negative pressure. When an air leak (change in internal pressure) is detected, an LED lamp warns the user that there is a factor that could cause flooding before entry, thus preventing accidents before they happen. In the unlikely event of water entering the housing underwater, the leak sensor reacts and warns with an LED indicator.

- Measure the air pressure inside the housing and the presence or absence of water ingress every 0.2 seconds (200ms). The inside of the housing is constantly monitored.
- The air pressure value is converted to a 20°C value to make a judgment. The camera will not malfunction due to pressure fluctuations caused by heat generated by the camera or changes in water temperature.
- The battery life is approximately 250 hours with the power on, allowing for a long period of use with a single battery replacement.
- Battery life is approximately 250 hours with the power on, allowing for long-term use with a single battery.

Manual Flash Trigger



A device that converts strobe light emission signals into LED light. The remaining battery level check function reduces the risk of a flash failure due to a dead battery.

*Only available with manual flash.

[Operating time] Approx. 100 hours
CR1632 battery is not included.

- ① Canon/Nikon用 50144
② Sony用 50145

Optical Converter



A compact transmitter that attaches to the camera's accessory shoe and converts TTL signals to LED light signals. Connects to our strobes via a fiber-optic cable to enable shooting by switching between manual and TTL light modulation modes. Equipped with an out-of-battery alarm function.

- Optical Converter for MDX/N1 50126
Optical Converter for MDX/S1 50139
Optical Converter for MDX/C2 50142
Optical Converter for MDXCR 50143

*S1 only: Installation with housing in place.

View Finder VF180 1.2x 46112



Straight-type viewfinder compatible with both RDX and MDX housings. The magnification of the viewfinder is magnified by 1.2x, which is effective for checking focus and composition. The lens consists of 8 elements in 6 groups of optical glass for excellent color reproduction, and the interior is filled with nitrogen gas to prevent condensation.

*Tools necessary for installation are included.
*Some vignetting may occur depending on the model used.

View Finder VF45 1.2x 46111



45° viewfinder compatible with MDX housing using an amici prism. Magnification of 1.2x allows for precise composition and focusing. The eyepiece rotates 360° in 90° steps to accommodate a variety of shooting positions, both horizontally and vertically.

*Tools necessary for installation are included.
*Not compatible with RDX series housings.
*Slight vignetting may occur depending on the model used.

SEA&SEA
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Safety Precautions



WARNING

Please read the instruction manual before use to ensure correct and safe use.

Do not use power supplies, voltages, connection cords, or AC adapters other than those specified. Doing so may cause fire or electric shock. Do not use the product in a malfunctioning state, such as when the screen does not display. Doing so may cause fire or electric shock. Do not use the product under abnormal conditions such as water or foreign objects getting inside, smoke coming out, or strange smells. Doing so may cause fire or electric shock.



Cover Photo

Yasuaki Kagii

Underwater photographer, based in Australia, Izu and Maldives since 1993. Returned to Japan in 1998 and became an independent freelance photographer. His style of photography is to follow the rhythm of nature and to avoid stressing the creatures as much as possible. His bold and graphical underwater photographs attract many people, and he aims for popularism in underwater photography with his diverse perspectives and use of color.

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Customer Service TEL 03-5926-9322

www.seaandsea.co.jp

2022.03

SEA&SEA
THE UNDERWATER IMAGING COMPANY

U/W HOUSING



2022
— SINCE 1972 —

Photo by Yasuaki Kagii

U/W Camera Housings

SLR / Mirrorless Waterproof Housing Series

Optical converter supported



Compatible with optical converter for MDX that converts camera's TTL signal to LED light, allowing switching between TTL and manual mode. (Optional)

luminescent sticker



Each control section is equipped with a super luminescent special luminescent sticker, which is useful when taking pictures during night dives, etc. The light emits brightly when illuminated with a light for a short period of time.

Leak alarm support



A unit can be fitted with a built-in sensor that detects pressure changes inside the housing and notifies the user with LED colors. Wet sensing function is also available. (Optional)

High operability



Accessible in a posture with the grip still in place. You can feel the sure grip and click feeling even with a glove on.

viewfinder



Viewfinder 45° or "Viewfinder 180" can be attached to improve viewfinder visibility. (Optional)

Multi Selector



The multi selector on the back of the camera allows direct operation close to the camera. The live view selector is divided into pushbuttons and switches.

Zinc Piece



One front and one rear corrosion inhibitor, which serves to prevent corrosion phenomena in the sea, are included as standard equipment.

Port locking lever



Port and lens replacement can be performed without opening the housing.

Made in Japan



All processing, assembly, and quality inspections are performed in Japan for this purely domestic housing. Repairs, modifications, and after-sales support are also available.

Grip Plus



A silicone material is embedded in the grip for a robust yet firm hold on the housing.

Status Windows



A window is provided for viewing the display panel on top of the camera.

Lightweight and compact



The machined precision machining process maximizes the camera's functionality while achieving a compact size. It combines high dimensional operability and durability.

MDX-Z7II

MDX-R5

06198

U/W Housing for **Canon EOS R5**

SPEC Size W345 × H173 × D164 mm
Weight 2,900g

Mirrorless Hightend Full Size Movie



Web site



MDX-Z7 II

06201

U/W Housing for **Nikon Z7 / Z6 / Z7II / Z6II**

SPEC Size W339 × H169 × D158 mm
Weight 2,700g

Mirrorless Hightend Full Size



Web site



MDX-D850

06187

U/W Housing for **Nikon D850**

SPEC Size W346 × H202 × D140 mm
Weight 2,800g

SLR Hightend Full Size



Web site



MDX-5D mark IV

06181

U/W Housing for **Canon EOS 5D mark IV / 5D mark III**

SPEC Size W341 × H198 × D141 mm
Weight 3,000g

SLR Hightend Full Size



Web site



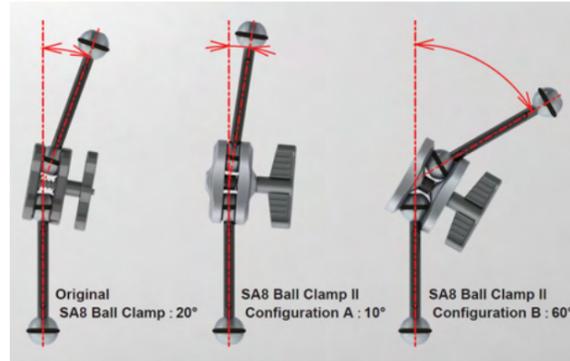
BALL CLAMP

SA8 Ball Clamp II 22138



The ball clamp can be used in two ways by rearranging the parts.

[Size] Width 66 x Height 71 x Depth 26 mm
[Weight] 97g
[Material] Corrosion-resistant aluminum alloy, alumite treatment

**Type-A**

Clamping force-oriented

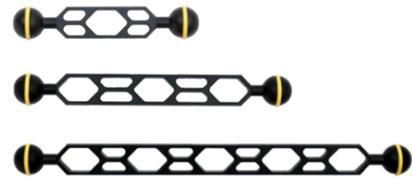
The clamping force is stronger than before, and the holding force of arms, etc., is improved by reducing the range of movement.

**Type-B**

Emphasis on range of motion

Expanded range of motion while maintaining conventional clamping force. Enables a wider range of handling.

DOUBLE BALL ARM



Precision arm with light weight and high rigidity machined from aluminum alloy. The SA8 Ball Clamp II can be combined with various length arms and joint bases to create flexible lighting systems.

SA8 Double Ball Arm S 22112

[Length] 143mm
[Weight] 60g
[Material] corrosion-resistant aluminum alloy

SA8 Double Ball Arm M 22113

[Length] 223mm
[Weight] 80g
[Material] corrosion-resistant aluminum alloy

SA8 Double Ball Arm L 22114

[Length] 323mm
[Weight] 110g
[Material] corrosion-resistant aluminum alloy

**STROBE HEAD S**

22115

As a joint between the end of an arm and a YS series strobe.

[Length] 68.5mm
[Weight] 41g
[Material] Corrosion-resistant aluminum alloy

**STROBE HEAD M**

22126

As a joint between the end of an arm and a YS series strobe.

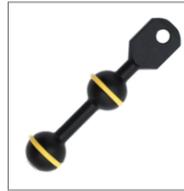
[Length] 121.3mm
[Weight] 50.5g
[Material] Corrosion-resistant aluminum alloy

**DOUBLE STROBE HEAD**

22129

Lighting can be branched to the left or right at the end of the armwork.

[Length] 120mm
[Weight] 70g
[Material] Corrosion-resistant aluminum alloy

**DOUBLE BALL STROBE HEAD**

22127

Two-light lighting in the form of branching branches is possible.

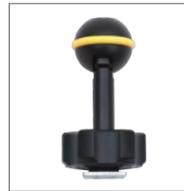
[Length] 121.3mm
[Weight] 70g
[Material] Corrosion-resistant aluminum alloy

**BALL BASE**

22119

Can be attached directly to extra grips, etc.

[Height] 47mm
[Weight] 37g
[Material] Corrosion-resistant aluminum alloy

**ACC. SHOE BALL BASE II**

22139

Large lock nut employed. Includes hook plate to prevent disconnection.

[Height] 67mm
[Weight] 55g
[Material] Corrosion-resistant aluminum alloy

**HOT SHOE ARM**

29501

Mini arm to be attached to the accessory shoe.

[Height] 70.7mm
[Weight] 50g
[Material] Corrosion-resistant aluminum alloy

WEB Site



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Cover Photo

Takuya Nakamura

An underwater photographer, he first encountered diving at the age of 10 in the Keramas Islands of Okinawa and was captivated by the underwater world. He has been going to the Henoko Sea, his life's work, for more than 17 years to take photographs. He writes and lectures on the drama of life in the underwater world, and also advises camera manufacturers. Through appearances on TV, radio, and at events, he has often spoken about environmental issues, including Okinawa's oceans.

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U/W STROBE



2022
— SINCE 1972 —

YS-D3mkII LIGHTNING

03123

Max. GN 33/2 shutter-chance priority levels
High performance strobe with recycle function



Excellent rapid-fire performance
Shutter chance priority 2-step recycle time function

When the YS-D3 fires at a guide number (GN) of 16 or less, the wait time before the next flash is 0 seconds. Furthermore, even after firing at GN 22, which is twice the amount of light, the lens can be charged in as little as 0.8 seconds.

In addition, immediately after a full flash (GN33), when power is built up in the strobe capacitor until it is ready to emit GN22, the strobe first notifies the user with an LED lamp and sound to signify that it is ready to fire once, and then again when it is fully ready to fire.

This is a "shutter chance priority" function that allows you to take more shutter shots without taking your eyes off the viewfinder, even in scenes where you want to take as many shots as possible, such as when a rare subject passes by quickly.

Optical Cable Supported	Sync cable Supported	DS-TTL II	Slave TTL	Manual Dimming
BEEP Sound	Target Lights	Guide No. 33	Irradiation Angle 105°*80°	Recycle Time 0.8s*

*When using nickel-hydrogen AA batteries (in the case of GN22)
Use of a fiber-optic cable other than our genuine fiber-optic cable may adversely affect the dimming performance and may not allow the strobe to perform as it should. Use of a genuine Fiber-Optic Cable is recommended.

Powerful luminescence equivalent to a maximum of approximately 509,600 lumens



Natural Light

YS-D3mkII used

High Performance

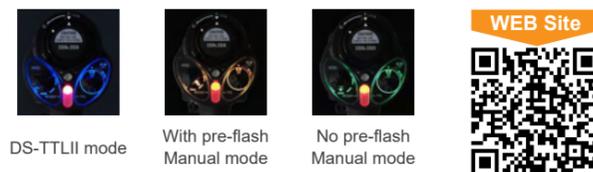


Located in front of the light-emitting tube
Aspherical toroidal lens

Newly designed circuitry and light-emitting unit give the YS-D3mkII excellent performance. The maximum guide number is 33, which is a large light output. The newly developed "Aspherical Toroidal Lens" provides uniform light distribution not only at the center of the luminescence but also at the periphery, making it ideal as an external light source. The optional dome diffuser can widen the beam angle up to 170°.

Backlit panels that are effective in dark environments

The indicator color on the back of the YS-D3mkII changes according to the position of the mode switch. The different colors are blue (DS-TTLII mode), light blue (slave TTL mode), orange (manual mode with pre-flash) and green (manual mode without pre-flash), making it easy to identify the control system positioning even when night diving.



DS-TTLII mode

With pre-flash
Manual mode

No pre-flash
Manual mode

Strobe Snoot

28115



An adapter that turns a strobe light into a spot light. An internal prism allows the optical axis of the target light to be perfectly aligned with the optical axis of the strobe light. The beam aperture is 25 mm.

Dome Diffuser

28116



Beam angle is increased to 150° x 170°, which is useful when using a fish-eye lens or when lighting with soft light. Guide number is reduced by -1.5 EV. Can be attached and detached underwater.

Flash Prism

50127



Light guiding prism for emitting light from YS-D3mkII without using a fiber-optic cable. (Only manual light emission is supported.) Effective for backlit photography, etc.

Ball Base 35

28117



Ball base tilted 35° compared to the straight type. This makes it easier to lower the strobe light emitting surface to the rear, making it suitable for shooting when using a dome port.

YS Base

28114



YS type mounting base. Combined with the SA8 strobe head series, it can be used as a starting point for various lighting developments.

Strobe Cover

51291



The surface is made of mesh skin with fine mesh finish. Back side is neoprene strobe cover.

YS-01 SOLIS

03124



Optical Cable Supported	DS-TTL II	Slave TTL	Manual Dimming	Target Lights
Guide No. 20	Irradiation Angle 100°*100°	Recycle Time 1.9s*		

*When using Ni-MH AA batteries.
When synchronizing with the camera's built-in flash, use Fiber-Optic Cable II. Use of a Fiber-optic cable other than our genuine Fiber-optic cable may adversely affect the light modulation performance and may prevent the strobe from performing as intended. Use of a genuine Fiber-Optic Cable is recommended.

TTL and manual strobes from wide-angle to macro Compact strobe for all-around use

Equipped with DS-TTLII, same as higher-end models

DS-TTLII synchronizes with the camera's flash and automatically adjusts the light intensity to fire. Furthermore, DS-TTLII offers more stable light compensation than its predecessor, allowing the flash to fire in a way that better reflects the photographer's intent.



Example of DS-TTLII Plus correction (using one light on the right side)

WEB Site



YS-03 SOLIS

03125



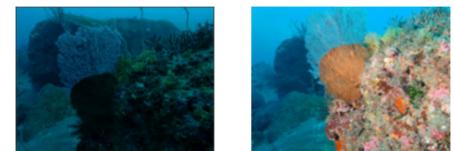
Optical Cable Supported	Slave TTL	Guide No. 20	Irradiation Angle 100°*100°	Recycle Time 1.9s*
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*When using Ni-MH AA batteries.
When synchronizing with the camera's built-in flash, use a fiber-optic cable. Use of a fiber-optic cable other than our genuine fiber-optic cable may adversely affect the light modulation performance and may not allow the strobe to perform as it should. Use of a genuine Fiber-Optic Cable is recommended.

High power with easy operation
High cost performance strobe with the ultimate in simplicity

High-power strobe with easy operation

No complicated operation is required. Just turn on the power switch to emit the proper amount of light. Light output, light distribution, and recycle time are the same as those of the YS-01SOLIS, a high-performance strobe.



Natural Light

YS-03SOLIS used

WEB Site



SYNCHRO CODE

Synchro Code/N
Dual Synchro Code/N

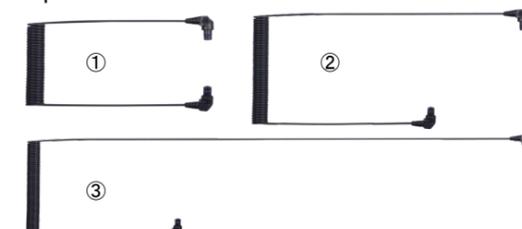


A sync cord is necessary for electrical connection to Nikonos 5-pin type underwater strobes as well. In addition to the standard Sync Cord/N, there is a Dual Sync Cord/N for dual strobe deployment.

- ①Synchro Code/N 17100
- ②Dual Synchro Code/N 03470

OPTICAL FIBER CABLE

Fiber-optic cable II



Highest quality fiber optic cable with multiple cores of 613 cores in one fiber. Radiation loss is small even when the fiber is bent and the optical axis is misaligned inside, and the start/stop signal emitted from the camera's built-in flash can be transmitted to the strobe side with super sensitivity. Compared to the single-core type, it is more resistant to bending and less likely to break against impact.

- ①Fiber-optic cable II S/2 [overall length] 310mm 50135
- ②Fiber-optic cable II M/2 [overall length] 453mm 50128
- ③Fiber-optic cable II L/2 [overall length] 725mm 50133