



PRODUCT CATALOG **2009**



*For the Perfect Moment ...
Choose real imaging power, choose SEA&SEA.*

CONTENTS

■ Compact Digital Camera Set

DX-2G	05
DX-1200HD	06
DX-1G	07

■ RDX Series

RDX-D60	09
RDX-450D	11

■ MDX Series

MDX-D300	12
MDX-40D	13
MDX-PRO D3	14
MDX-PRO MarkIII	15

■ Strobe

YS-17	16
YS-27DX	16
YS-110 α	17
YS-250PRO	17

■ Video

VX-S1	19
-------	----

■ Example of setting

Compact Digital Camera Set	20
RDX Series	20
MDX Series	21
Video	21

■ Accessories

Accessories for Compact Digital Camera Set	22
Accessories for Digital SLR Camera Housing	23~25
Video Light	26
Soft Case & Camera Pouch	26
Maintenance Goods	26

■ System Chart

DX-2G	27
DX-1200HD	27
DX-1G	27
VX-S1	27
RDX Housing (for Canon)	28
RDX Housing (for Nikon)	29
MDX Housings (for Canon)	30
MDX Housings (for Nikon/FUJI)	31~32

■ Spec 33~34

☒ Please note that models with this symbol have been discontinued. Availability is limited.



High-quality model with 12.1 effective megapixels that continues the G concept of extensive yet subtle expression range.

DX-2G Camera and Housing Set (Black) [06604](#) [Accessories for the 2G camera] USB / video cable, hand strap, lens cap [Accessories for the DX-2G housing] LCD monitor hood, hand strap, fiber adapter
 DX-2G Camera and Housing and Battery Charger Set [06605](#) O-ring Set [62134](#)

NEW DX-2G Camera and Housing Set

DX-2G



From super macro to wide-angle photography

Features a macro mode for close-up photography, allowing you to get as close as 1cm / 0.4inch to the subject at the wide-angle end or 4cm / 1.6inch at telephoto end. Even with a standard lens, you can achieve an angle of view of 24mm at the wide-angle end.



Angle of view of 24mm at the wide-angle end.



1cm macro mode for close-up photography.

An evolution in beauty – SEA&SEA mode perfect for underwater photography

Features SEA&SEA mode, a still image mode for optimal underwater photography. The color balance is automatically set so anyone can easily take pictures of beautiful deep blues. Capture the underwater world as vividly in your pictures as in your memories.



Program mode

SEA&SEA mode

The highest reliability with a depth rating of 55m / 180ft

Based on the DX-1G, SEA&SEA has applied its state-of-the-art technology to develop the housing design, paying special attention to even finer and more detailed controls. Now you can effortlessly operate all the capture-related buttons on the 2G camera's body.

1/1.7-inch CCD with approximately 12.1 effective megapixels. High image quality with low noise and rich smooth gradation range that lets you capture perfect underwater images from highlights to shadows.

Large, high definition 2.7-inch LCD monitor with 460,000 pixels. Vivid and bright display that lets you see even the finest details in the picture. The monitor features a wide angle of view (160° in any direction) and high contrast, and offers excellent visibility underwater.

24-72mm, 3.0x optical zoom lens that demonstrates excellent optical qualities for any lighting situation and focal length.

Capable of RAW image photography. A newly-developed image engine and enlarged buffer memory allow you to take up to 5 continuous shots in RAW mode. The recording speed has improved to 3 seconds.

Up to three individual settings of the My Setting function allow you to customize recording settings to your preference. This is convenient to assign frequently used functions to these customized settings.

Convenient built-in electronic level. This allows you to easily verify that the camera is level using the level indicator displayed on the LCD monitor.



*The LCD image pictured here is simulated.

Wide-Angle Conversion Lens for DX-1G

[52116](#)



When the wide-angle conversion lens is mounted, the angle of view increases from 24mm to about 16mm (35mm film equivalent). (The lens can be used on land as well as underwater.)

*The lens can be used on land, but slight vignetting (dimming) may occur in the four corners of the image. Slightly zoom in to telephoto to eliminate vignetting.

Equivalent to an angle of view of 24mm: value on the land



With a standard lens at the wide-angle end

Equivalent to an angle of view of 16mm: value on the land



With the wide-angle conversion lens for DX-1G at the wide-angle end

Macro Diffuser for DX-1G **NEW**

[28107](#)



By using this product, perfectly lit macro images can be taken with the 2G camera's built-in flash.

Lens Caddy for DX-1G

[60104](#)



Battery DB-60

[831016](#) US [831017](#) EU

Charger BJ-6

[831014](#) US [831015](#) EU

Close-UP Lens Ring **NEW**

[58119](#)

A set-up ring to attach the Close-UP Lens 125 to the DX-2G housing.



Small & light body. Recommended for all underwater digital photographers, even beginners.

DX-1200HD Camera and Housing Set (Black) [06606] O-ring Set [62143]

[Accessories for the 1200HD camera] USB / video cable, lithium-ion battery, battery charger, wrist strap, camera pouch [Accessories for the DX-1200HD housing] LCD monitor hood, hand strap

NEW DX-1200HD Camera and Housing Set

DX-1200HD



*The LCD image pictured here is simulated.

Plenty of optional accessories

The optional Close-UP Lens 125 or Wide-Angle Conversion Lens for DX-860G can be attached/detached even underwater (Close-UP Lens 125 requires the optional Close-UP Lens Ring for DX-1200HD). Using the wide-angle conversion lens, you can get a wider area in the picture even if you get close to the subject. Using the Close-UP Lens 125, you can take pictures with a larger magnification.



With the wide-angle conversion lens for DX-860G.



With the close-up lens 125 (requires the close-up lens ring for DX-1200HD).

Wide-Angle Conversion Lens for DX-860G

[52115]

[Lens] 3 elements in 3 groups
 [Underwater angle of view] 79° (98° on land)
 [Magnification] 0.55x
 [Weight] Approx. 1.65g / 5.8oz
 [Dimensions (DIAxD)] 64x42mm / 2.6x1.7inch



This wide-angle conversion lens covers a maximum field angle equivalent to approx. 19.3mm (35mm film camera equivalent) when used with the DX-1200HD. (The lens can be used on land as well as underwater.)

*The lens can be used on land, but slight vignetting (dimming) may occur in the four corners of the image. Slightly zoom in to telephoto to eliminate vignetting.

*When the wide-angle conversion lens is attached, its shadow can appear on the picture if the built-in flash is used. Using an external strobe together with the built-in flash is recommended.



Equivalent to an angle of view of 35mm : value on the land
 With a standard lens at the wide-angle end



Equivalent to an angle of view of 19.3mm : value on the land
 With the wide-angle conversion lens for DX-860G at the wide-angle end

3-inch LCD monitor - the largest monitor of its class in compact digital cameras

The 3-inch widescreen LCD monitor allows you to check even the smallest details in the pictures you take and enjoy playing back movies with high definition. By using the LCD monitor hood and inner hood especially designed for the DX-1200HD housing you can further improve the underwater visibility and take pictures while tracking the movements of the subject on the LCD monitor.



*The LCD image pictured here is simulated.

Light and compact for better portability

The basic design was completely revised and the grips were further improved so even beginners can enjoy taking pictures easily. The new design will certainly satisfy the needs of full underwater diving scenes but it also offers portability and ease of use that allow it to be used for marine sports in general and winter sports as well, offering maximum convenience to the photographer.



High definition CCD – 1/1.72-inch primary color CCD with 12.19 effective megapixels (maximum number of recording pixels 12.43 megapixels) and 3x optical zoom lens (35–102 mm).

Features SEA&SEA mode, a still image mode for optimal underwater photography.

Several White Balance settings available (Auto, Daylight, Cloudy, Fluorescent, Tungsten, Sunset, Custom) to suit any particular scene.

Exposure compensation function (±2EV in 0.5EV steps).

ISO speed can be set up to ISO 3200.

Movie function up to 1280×720 pixels (HD Video) at 30 frames/second (30 fps).

16MB built-in memory. Can record on SD / MMC / SDHC memory cards (up to 8GB).

Specially designed lithium-ion battery and battery charger included.

When you turn the retractable cable socket lever, the fiber-optic cable socket slides and is aligned with position of the built-in flash and fixed.

Flash Light Diffuser function – Effective diffuser that softly diffuses the light of the built-in flash.

Strong and durable build, with a depth rating of up to 45m / 150ft.

Close-UP Lens Ring for DX-1200HD

[58121]

A set-up ring to attach the Close-UP Lens 125 to the DX-1200HD housing.



Spare Battery for 860G camera (Standard accessory)

*Compatible with both 1200HD and 860G.

[54103]

Battery Charger for 860G camera (Standard accessory)

*Compatible with both 1200HD and 860G.

[57105]

10-Megapixel Compact Underwater Digital Camera System.

DX-1G Camera and Housing Set (Black) [06581](#)

[Accessories for the 1G camera] USB / video cable, hand strap, lens cap [Accessories for the DX-1G housing] LCD monitor hood, hand strap, fiber adapter O-ring Set [62134](#)



Macro mode that enables you to bring the lens as close as 1cm / 0.4inch to the subject

Macro mode is most convenient when you are taking an enlarged picture of a small object. It allows you to place your lens very close to the subject, as close as 1cm / 0.4inches (on the wide-angle setting). Use the super-macro features of the camera to get near small creatures and other objects to obtain optimum images and enjoyment from the beautiful and enchanting underwater environment.



Wide-Angle Conversion Lens for DX-1G

[52116](#)



[Lens] 3 elements in 3 groups
 [Underwater angle of view] 85° (106.5° on land)
 [Magnification] 0.65x
 [Depth rating] 60m / 200ft
 [Weight] Approx. 406g / 14.2oz (underwater: Approx. 230g / 8.1oz)
 [Dimensions] (DIAxD) 97x48.5mm / 3.9x1.9 inch

Equipped with SEA&SEA mode for optimum underwater photography

The SEA&SEA mode, which captures the beautiful blue color of the sea, is a still picture mode that has been developed for underwater photography.



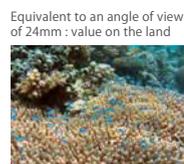
Program mode



SEA&SEA mode

The wide-angle conversion lens is for photographing a broad area

When you want to photograph a large object or a vast natural environment, or when you want to include as much of a large subject as possible in your image - that is when the wide-angle conversion lens is effective.



Standard lens



With the wide-angle conversion lens for DX-1G

Macro Diffuser for DX-1G

[28107](#)



By using this product, perfectly lit macro images can be taken with the 1G camera's built-in flash.

DX-1G Camera and Housing Set

DX-1G

The camera is equipped with a 1/1.75-inch charge coupled device (CCD) image sensor having 10.01 million effective pixels, which offers superior resolution and the ability to vividly record every detail of your precious moments. (The maximum recordable number of pixels is 3648x2736)

The focal length of the 3x optical zoom lens is 5.1 to 15.3mm, or 24 to 72mm on a conventional 35mm film camera. The lens has a maximum aperture (f-stop value) from f2.5 to f4.4. The perspective can be adjusted precisely according to your style with the wide-angle setting to capture the dynamic environment. In addition, unique visual effects can be used to enhance your pictures.

Compatible with RAW data storage.

The camera is equipped with a 2.5-inch, 230,000-pixel LCD monitor.

The recording medium is MMC or an SDHC / SD memory card. It is equipped with a 26MB built-in memory.

Equipped with two fiber-optic cable sockets.

Equipped with a built-in flashlight diffuser.

Outer hood and inner hood for LCD monitor.

The highest reliability with a depth rating of 55m / 180ft.

Lens Caddy for DX-1G

[60104](#)



Battery DB-60

[831016](#)US [831017](#)EU

Charger BJ-6

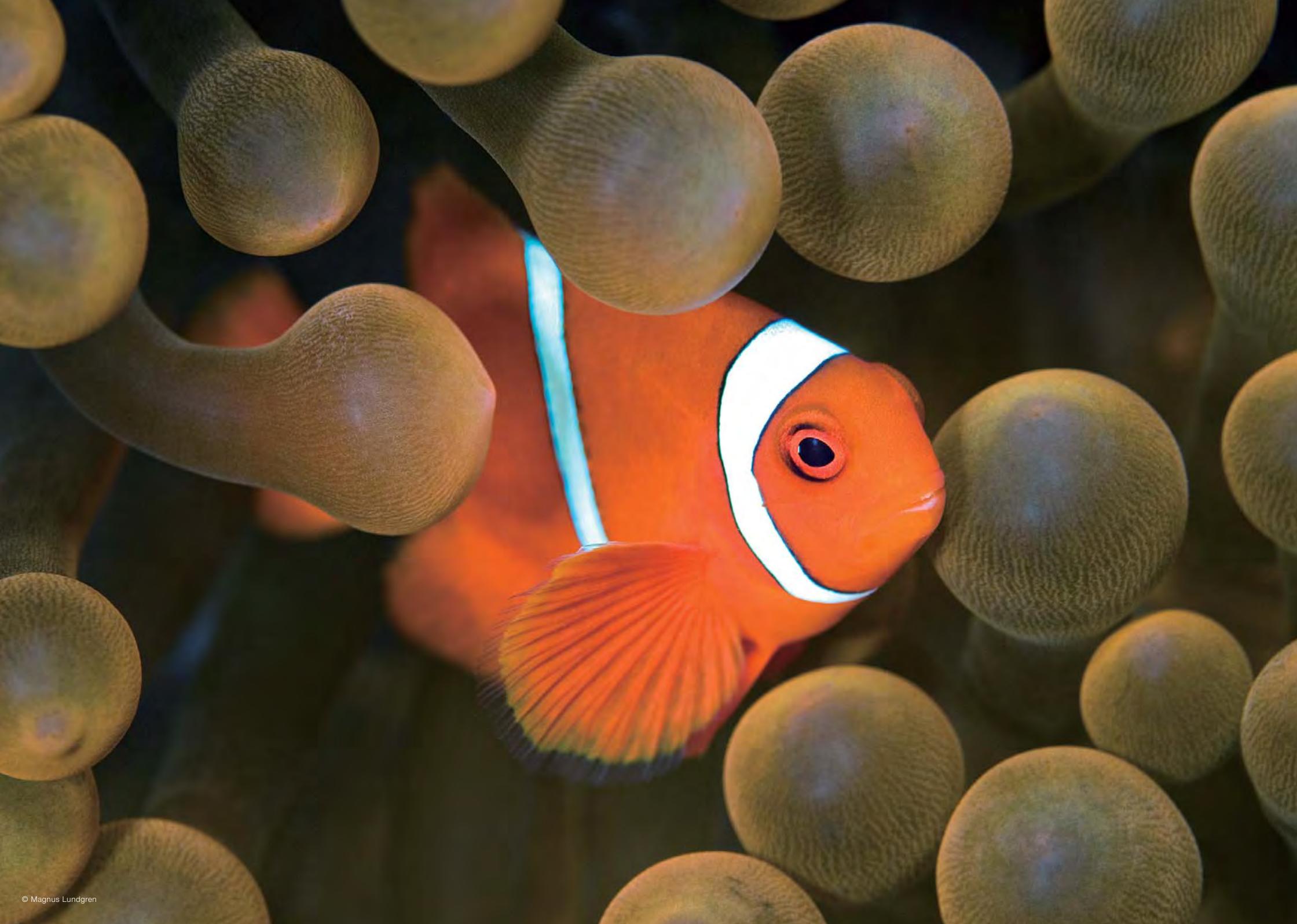
[831014](#)US [831015](#)EU

Close-UP Lens Ring

[58119](#)



A set-up ring to attach the Close-UP Lens 125 to the DX-1G housing.



RDX Housing for the Nikon D60, the core of the new polycarbonate series.

RDX-D60 Housing (Black) (Housing only) [06143](#) *Port is sold separately. [Accessories] Housing body cap, camera quick shoe, hex wrench, CR2032 lithium battery, attachment tool, hand strap
RDX-D60 Housing and Standard Port Set [06607](#) O-ring Set [62144](#)

NEW U/W Housing for Nikon D60

RDX-D60



*The image Shows the RDX-D60 Standard Port Set.

Two Fiber-optic cable sockets

Simply by connecting the Fiber-optic cable (L-type) to the socket, the light of the digital camera's built-in flash is detected and connected to an external strobe. This is considerably less complicated than setting up an electrical connector that requires detailed knowledge. It also eliminates any risks involved when the connector is submerged in water.



Strong and durable build, with a depth rating of up to 60m / 200ft

Although this housing is designed with beginners in mind, we have strived to ensure that it will satisfy even the most professional digital SLR diver-photographers, paying special attention to superb underwater performance and to its strength and solidity. After repeatedly subjecting it to exacting pressure tests, we have absolute confidence that we have achieved a compact design with a depth rating of up to 60m / 200ft.

TTL auto adjustment available when using an optional YS Converter/N

When using a YS Converter/N to enable the TTL auto adjustment, use a YS converter connector (5-pin connector) to connect it to a genuine SEA&SEA strobe.

*In order to use it, a Sync Cord/N must be attached to the strobe.



Features a 0.5x pick-up viewfinder that makes it easy to see the whole field of view. An optional exchangeable viewfinder can be selected as well.

New lineup of ports includes the RDX Standard Port (for most standard zoom lenses), the RDX Port Base L (for joint use with NX-series ports) and the RDX Port Base S (for joint use with compact macro ports). Using the appropriate port base, you can use any type of existing NX ports, expanding the range of lenses that can be used.

Camera quick shoe for easy mounting and removal of the camera. Mounting the camera becomes a breeze.

New type of easily operated shutter lever, excellent for quick snapshots and to avoid motion blur. The shutter lever can be operated in two ways – pushing from the top or pulling from the front – and offers a smooth halfway press for adjusting the autofocus so you need not worry about any missed chances.

Large buckle structure (with lock function). Makes it easier to open and close the back cover than existing (metal) locking latches.

By attaching a Sea Arm VII or similar set to the tripod socket at the bottom of the housing, up to two external strobes can be attached and used.

When using the optional Grip-Stay L, you can hold the camera firmly with both hands just as you can with conventional housings.



Strong and durable build, with a depth rating of up to 60m / 200ft.





Feel free to take a peek into the world of underwater digital SLR photography.

RDX-450D Housing (Black) (Housing only) [06144](#) *Port is sold separately. [Accessories] Housing body cap, camera quick shoe, hex wrench, CR2032 lithium battery, attachment tool, hand strap
 RDX-450D Housing and Standard Port Set [06608](#) O-ring Set [62144](#)



*The image Shows the RDX-450D Standard Port Set.



Easy mounting

Camera Quick Shoe for easy mounting and removal of the camera. Mounting the camera becomes a breeze. You need only to slide the camera quick shoe into the slot, up to the designated position. There is almost no need for complicated position and gear alignments so even beginners can easily mount a camera.

Two Fiber-optic cable sockets

Simply by connecting the Fiber-optic cable (L-type) to the connector, the light of the digital camera's built-in flash is detected and connected to an external strobe. This is considerably less complicated than setting up an electrical connector that requires detailed knowledge. It also eliminates any risks involved when the connector is submerged in water.

TTL auto adjustment available when using an optional YS Converter/C

When using a YS Converter/C to enable the TTL auto adjustment, use a YS converter connector (6-pin connector) to connect it to a genuine SEA&SEA strobe.

*In order to use it, a Sync Cord/N must be attached to the strobe.

NEW U/W Housing for Canon EOS REBEL XSi / EOS 450D

RDX-450D



Features a 0.5x pick-up viewfinder that makes it easy to see the whole field of view. An optional exchangeable viewfinder can be selected as well.

New lineup of ports includes the RDX Standard Port (for most standard zoom lenses), the RDX Port Base L (for joint use with NX-series ports) and the RDX Port Base S (for joint use with compact macro ports). Using the appropriate port base, you can use any type of existing NX ports, expanding the range of lenses that can be used.



New type of easily operated shutter lever, excellent for quick snapshots and to avoid motion blur. The shutter lever can be operated in two ways – pushing from the top or pulling from the front – and offers a smooth halfway press for adjusting the autofocus so you need not worry about any missed chances.

Large buckle structure (with lock function). Makes it easier to open and close the back cover than existing (metal) locking latches.

By attaching a Sea Arm VII or similar set to the tripod socket at the bottom of the housing, up to two external strobes can be attached and used.

When using the optional Grip-Stay L, you can hold the camera firmly with both hands just as you can with conventional housings.



Strong and durable build, with a depth rating of up to 60 m / 200 ft.



SEA&SEA's new MDX housing series are machined out of solid block aluminum and designed for ultimate precision, ergonomics and performance.

U/W Housing for Nikon D300

MDX-D300

MDX-D300 Housing (Black) (Housing only) [06134](#) *Port is sold separately.

[Accessories] Housing body cap, camera quick shoe, hex wrench, CR2032 lithium battery, attachment tool O-ring Set [62138](#)



Uses a lightweight and durable aluminum body that can withstand even the most severe shooting environments

The aluminum material used in the MDX series housings realizes a body that is both lightweight and strong. Because we envisioned photographers' harsh usage environments, the body was successfully brought to an even higher level of perfection through the implementation of anodized aluminum processing. The all-new high-rigidity, high-durability, high-precision MDX series demonstrates the highest levels of performance under a variety of shooting conditions.



Manual adjustment is possible without releasing the grips

Designed for easy operation so you can comfortably reach the main command dial and sub-command dial with your fingers, while keeping your hands on the grips. Delicate operations are possible even while you are looking through the viewfinder. The larger diameter of frequently-used dials allows you to change the shutter speed or aperture value with a light touch while supporting the framing. This frees you, the photographer, to concentrate only on the perfect chance for a great picture.



Every detail of the housing is precision CNC machined. Ergonomically designed for ease of use.

Manufactured from solid block aluminum alloy with all edges carefully polished for safety.

The housing is protected by a highly corrosion resistant anodized (black) coating. The coating protects the housing from environmental corrosion and abrasions.

Comes standard with two kinds of type-N connectors: one 2-pin wired connector (for manual) and one 5-pin wired connector (for dedicated TTL).

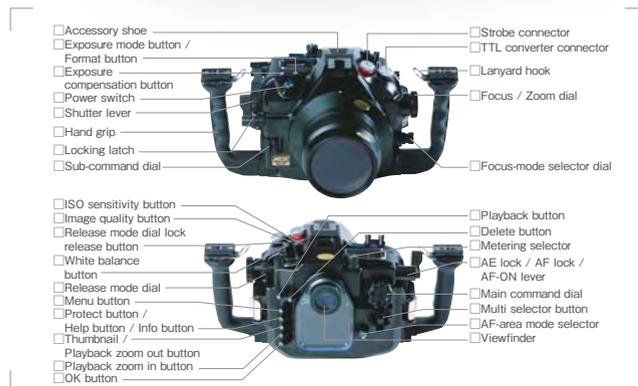
Equipped with a 0.66x pick-up viewfinder standard. Interchangeable 0.5x/0.8x viewfinders (optional) are also available.

The quick shoe makes the camera easy to install and remove from the housing.

A port lock mechanism secures the port from accidental loosening.

A built-in leak sensor immediately alerts you to any water leakage.

Strong and durable build, with a depth rating of up to 60 m / 200 ft.



TTL converter connector employed as standard

The included type-N 5-pin wired connector accepts the optional YS converter/N. The converter works with the YS-Series strobes to provide automatic TTL flash adjustment.

*The converter requires the Sync Cord/N for connecting to a strobe.

*The MDX-D300 housing comes from the factory with these type-N connectors: one 2-pin wired connector and one 5-pin wired connector.

*To use two SEA&SEA YS-Series strobes with the factory-equipped type-N connectors, you must use the Dual Sync Cord/N.

Replacement of the strobe sync connector (5-pin wired → 2-pin wired) [89045](#)

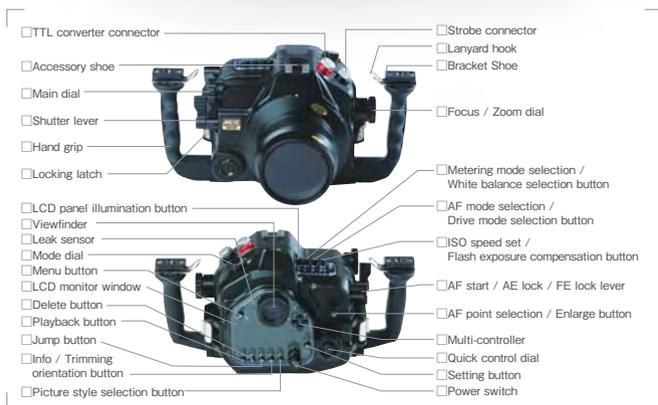
Customizing the housing offers additional functions. You can replace the 5-pin wired TTL converter connector on the top of the housing with a 2-pin wired strobe connector for an additional cost. This modification provides two 2-pin wired strobe connectors so you can connect two SEA&SEA YS-Series strobes.

*This modification does not support automatic TTL flash adjustment.
*It requires the Sync Cord/N.

Luxurious, edgy new design. The MDX, a masterpiece of extraordinary stability, really shows off the full capabilities of the EOS 40D.

MDX-40D Housing (Black) (Housing only) [06133](#) *Port is sold separately.

[Accessories] Housing body cap, camera quick shoe, hex wrench, CR2032 lithium battery, attachment tool O-ring Set [62137](#)



Uses a lightweight and durable aluminum body that can withstand even the most severe shooting environments

The aluminum material used in the MDX series housings realizes a body that is both lightweight and strong. Because we envisioned photographers' harsh usage environments, the body was successfully brought to an even higher level of perfection through the implementation of anodized aluminum processing. The all-new high-rigidity, high-durability, high-precision MDX series demonstrates the highest levels of performance under a variety of shooting conditions.



Manual adjustment is possible without releasing the grips

Designed for easy operation so you can comfortably reach the main dial and quick control dial with your fingers, while keeping your hands on the grips. Delicate operations are possible even while you are looking through the viewfinder. The larger diameter of frequently-used dials allows you to change the shutter speed or aperture value with a light touch while supporting the framing. This frees you, the photographer, to concentrate only on the perfect chance for a great picture.



TTL converter connector employed as standard

The included 6-pin wired connector accepts the optional YS converter/C. The converter works with the YS-Series strobes to provide automatic TTL flash adjustment.

*The converter requires the Sync Cord/N for connecting to a strobe.

*The MDX-40D housing comes from the factory with these bulkhead connectors: one type-N (2-pin wired) connector and one 6-pin (6-pin wired) connector.

*To use two SEA&SEA YS-Series strobes with the factory-equipped bulkhead connectors, you must use the Dual Sync Cord/N.

U/W Housing for Canon EOS 40D

MDX-40D

Every detail of the housing is precision CNC machined. Ergonomically designed for ease of use.

Manufactured from solid block aluminum alloy with all edges carefully polished for safety.

The housing is protected by a highly corrosion resistant anodized (black) coating. The coating protects the housing from environmental corrosion and abrasions.

Comes standard with two bulkhead connectors: one type-N connector (2-pin wired for manual) and one 6-pin wired connector (for dedicated TTL).

Equipped with a 0.66x pick-up viewfinder standard. Interchangeable 0.5x/0.8x viewfinders (optional) are also available.

Compatible with the Shutter-activated Focus Light (optional, factory modification is required).

The quick shoe makes the camera easy to install and remove from the housing.

A port lock mechanism secures the port from accidental loosening.

A built-in leak sensor immediately alerts you to any water leakage.

Strong and durable build, with a depth rating of up to 60 m / 200 ft.

Replacement of the strobe sync connector (6-pin wired → 2-pin wired) [89046](#)

Customizing the housing offers additional functions. You can replace the 6-pin wired TTL converter connector on the top of the housing with a 2-pin wired strobe connector for an additional cost. This modification provides two 2-pin wired strobe connectors so you can connect two SEA&SEA YS-Series strobes.

*This modification does not support automatic TTL flash adjustment. It requires the Sync Cord/N.

Use Nikon's flagship D3 freely even underwater. An exceptional item that is sure to become the standard for pro digital SLR housings.

MDX-PRO D3 Housing (Black) (Housing only) [06136](#) *Port is sold separately.

[Accessories] Housing body cap, hex wrench, CR2032 lithium battery, attachment tool O-ring Set [62136](#)

U/W Housing for Nikon D3

MDX-PRO D3



Uses a lightweight and durable aluminum body that can withstand even the most severe shooting environments

The aluminum material used in the MDX series housings realizes a body that is both lightweight and strong. Because we envisioned photographers' harsh usage environments, the body was successfully brought to an even higher level of perfection through the implementation of anodized aluminum processing. The all-new high-rigidity, high-durability, high-precision MDX series demonstrates the highest levels of performance under a variety of shooting conditions.



*The image shows the rear case.

Manual adjustment is possible without releasing the grips

Designed for easy operation so you can comfortably reach the main command dial and sub-command dial with your fingers, while keeping your hands on the grips. Delicate operations are possible even while you are looking through the viewfinder. The larger diameter of frequently-used dials allows you to change the shutter speed or aperture value with a light touch while supporting the framing. This frees you, the photographer, to concentrate only on the perfect chance for a great picture.



Every detail of the housing is precision CNC machined. Ergonomically designed for ease of use.

Manufactured from solid block aluminum alloy with all edges carefully polished for safety.

The housing is protected by a highly corrosion resistant anodized (black) coating. The coating protects the housing from environmental corrosion and abrasions.

Comes standard with two kinds of type-N connectors: one 2-pin wired connector (for manual) and one 5-pin wired connector (for dedicated TTL).

Equipped with a 0.66x pick-up viewfinder standard. Interchangeable 0.5x/0.8x viewfinders (optional) are also available.

A port lock mechanism secures the port from accidental loosening.

A built-in leak sensor immediately alerts you to any water leakage.

Strong and durable build, with a depth rating of up to 60 m / 200 ft.



TTL converter connector employed as standard

The included type-N 5-pin wired connector accepts the optional YS converter/N. The converter works with the YS-Series strobes to provide automatic TTL flash adjustment.

*The converter requires the Sync Cord/N for connecting to a strobe.

*The MDX-PRO D3 housing comes from the factory with these type-N connectors: one 2-pin wired connector and one 5-pin wired connector.

*To use two SEA&SEA YS-Series strobes with the factory-equipped type-N connectors, you must use the Dual Sync Cord/N.

Replacement of the strobe sync connector (5-pin wired → 2-pin wired) [89052](#)

Customizing the housing offers additional functions. You can replace the 5-pin wired TTL converter connector on the top of the housing with a 2-pin wired strobe connector for an additional cost. This modification provides two 2-pin wired strobe connectors so you can connect two SEA&SEA YS-Series strobes.

*This modification does not support automatic TTL flash adjustment. *It requires the Sync Cord/N.

This digital SLR housing is the result of our pursuit performance and high reliability.

MDX-PRO MarkIII Housing (Black) (Housing only) [06135](#) *Port is sold separately.

[Accessories] Housing body cap, hex wrench, CR2032 lithium battery, attachment tool O-ring Set [62136](#)

U/W Housing for Canon EOS-1D MarkIII / EOS-1Ds MarkIII

MDX-PRO MarkIII



Uses a lightweight and durable aluminum body that can withstand even the most severe shooting environments

The aluminum material used in the MDX series housings realizes a body that is both lightweight and strong. Because we envisioned photographers' harsh usage environments, the body was successfully brought to an even higher level of perfection through the implementation of anodized aluminum processing. The all-new high-rigidity, high-durability, high-precision MDX series demonstrates the highest levels of performance under a variety of shooting conditions.



Manual adjustment is possible without releasing the grips

Designed for easy operation so you can comfortably reach the main dial and quick control dial with your fingers, while keeping your hands on the grips. Delicate operations are possible even while you are looking through the viewfinder. The larger diameter of frequently-used dials allows you to change the shutter speed or aperture value with a light touch while supporting the framing. This frees you, the photographer, to concentrate only on the perfect chance for a great picture.



TTL converter connector employed as standard

The included 6-pin wired connector accepts the optional YS converter/C. The converter works with the YS-Series strobes to provide automatic TTL flash adjustment.

*The converter requires the Sync Cord/N for connecting to a strobe.

*The MDX-PRO MarkIII housing comes from the factory with these bulkhead connectors: one type-N (2-pin wired) connector and one 6-pin (6-pin wired) connector.

*To use two SEA&SEA YS-Series strobes with the factory-equipped bulkhead connectors, you must use the Dual Sync Cord/N.

Controls almost all of the Canon EOS-1D/1Ds Mark III's essential functions underwater.

Every detail of the housing is precision CNC machined. Ergonomically designed for ease of use.

Manufactured from solid block aluminum alloy with all edges carefully polished for safety.

The housing is protected by a highly corrosion resistant anodized (black) coating. The coating protects the housing from environmental corrosion and abrasions.

Comes standard with two bulkhead connectors: one type-N connector (2-pin wired for manual) and one 6-pin wired connector (for dedicated TTL).

Equipped with a 0.66x pick-up viewfinder standard. Interchangeable 0.5x/0.8x viewfinders (optional) are also available.

Compatible with the Shutter-activated Focus Light (optional, factory modification is required).

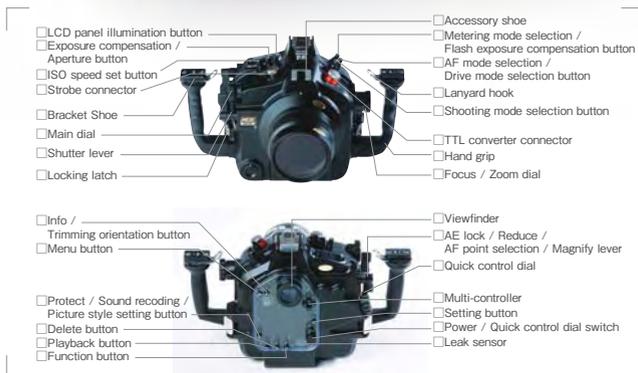
A built-in leak sensor immediately alerts you to any water leakage.

Strong and durable build, with a depth rating of up to 60 m / 200 ft.

Replacement of the strobe sync connector (6-pin wired → 2-pin wired) [89047](#)

Customizing the housing offers additional functions. You can replace the 6-pin wired TTL converter connector on the top of the housing with a 2-pin wired strobe connector for an additional cost. This modification provides two 2-pin wired strobe connectors so you can connect two SEA&SEA YS-Series strobes.

*This modification does not support automatic TTL flash adjustment.
*It requires the Sync Cord/N.



Compact underwater strobe for easy TTL photography using a digital camera.



Strobe for Digital NEW YS-17

YS-17 (Gold) 03109

[Accessories] Fixing bolt, diffuser, slave sensor cap
When the YS-17 strobe is used with a compact digital camera in a housing, use the Fiber-optic cable.

O-ring Set 62142



Professional style underwater lighting that is easy to use even for beginners

The YS-17's slim body – 90×110×140mm (W×H×D) – makes it easy to use underwater lighting more casually. Its light weight – 477g (including batteries) – makes it the lightest, most compact strobe in the YS strobe lineup. The YS-17's system uses a unique TTL function so anyone can easily enjoy TTL photography. Even if the distance to the subject changes, the YS-17 will automatically adjust the light level so you can easily get the correct exposure. You can also switch between TTL and manual mode so you do not miss any opportunities for a great picture even in those situations, like dark places, where the TTL function does not work very well.

Diffuser for YS-17 (Standard accessory)

28108

Diffuser



The YS-17 Universal Lighting Package

03529

This reasonable lighting package allows you to attach the YS-17 to commercially available waterproof cases by any manufacturer.
[Package content] YS-17, Grip-Stay S, Fiber-optic cable (L-type), Strobe mask set



The YS-27DX strobe is a compact and affordable manual strobe for most digital cameras in the market.

Strobe for Digital YS-27DX

YS-27DX (Blue) 03107

[Accessories] Fixing bolt, diffuser *When the YS-27DX strobe is used with a compact digital camera in a housing, use the Fiber-optic cable.

O-ring Set 10580



Powerful manual controls from wide-angle to macro photography

The YS-27DX strobe is designed for multipurpose underwater photography. This strobe has beam angle of 105°x 84° and a guide number of up to 20 (ISO 100 / m) / 66 (ISO 100 / feet), providing spread and power for subjects that range from wide-angle macro. The light level control dial of the YS-27DX has nine different light level control, which increments from a minimum power of GN 1.7 to a maximum power of GN 20 (1EV step). The light level control dial makes you take ideal pictures, precisely adjustable to get just the right amount of light for the subject at hand. The YS-27DX offers a pre-flash cancel mode (*1) that ensures the strobe won't fire prematurely when used with digital cameras that emit a small pre-flash burst before the main flash. This strobe is compatible with most digital cameras that have a pre-flash.

*1 Some digital cameras adjust flash levels after a first flash and then capture an image with a second flash. This first flash is called the pre-flash. The strobe's pre-flash cancel function ignores the pre-flash and synchronizes the strobe with the second flash.

*The YS-27DX is not compatible with digital cameras that emit two or more pre-flashes.



Diffuser for YS-27DX (Standard accessory)

28106



It corresponds to the 5-pin connectors of the Nikon type.



By using Dual Sync Cord/N, it is possible to activate two-strobe lighting system.



Uses a fiber optic cable for connection between digital camera and DX strobe.

Functions as a TTL slave strobe without a sync cord.

Effective Cordless TTL (TTL Slave) function with Digital cameras.

Functions as a slave strobe. For manual photography only. TTL automatic control not available.

With Target light illuminating photography only. TTL automatic control not available.

Further improves the accuracy of the DS-TTL's excellent performance. This is a new type of strobe building and improving on the basic functionality of the YS-110.



Strobe for Digital NEW YS-110α

YS-110α (Black) 03111

[Accessories] Fixing bolt, diffuser
* When the YS-110α strobe is used with a compact digital camera in a housing, use the Fiber-optic cable.

O-ring Set 10580



Ultimate creative effects with subtle light balance

The YS-110α introduces numerous new exciting functions, opening a whole new digital generation. For example, by connecting it to digital cameras with pre-flash function using a fiber-optic cable, the YS-110α can be used in the fully automatic DS-TTL adjustment mode (Digital Slave TTL). Enjoy complete creative control – when you want absolute control over fine light adjustments, you can use a main strobe in DS-TTL mode and a secondary strobe in manual mode or you can set up an advanced lighting system using two strobes in DS-TTL mode. The DS-TTL adjustment function is also available using the light level control dial for fine control of the light amount when taking pictures in DS-TTL mode. You can also choose from 13 levels of manual controls when you do not want to leave the light adjustment up to the camera. The flat, round, 105° beam angle (with diffuser), achieved by the balanced positioning of the 3 flash tubes, and the power of a Guide Number 22 are examples of the excellent performance of the strobe that is sure to satisfy even the most demanding professionals.

Diffuser for YS-110 (Standard accessory)

28104



Our new YS flagship model for professionals is fast and powerful with broad coverage: guide number 32, beam angle 105.



Strobe for Digital YS-250PRO

YS-250PRO (Black) 03526

[Accessories] Exclusive Ni-MH battery, exclusive battery charger (compatible with 110/240V), fixing bolt, diffuser, slave sensor cap

* When the YS-250PRO strobe is used with a compact digital camera in a housing, use the Fiber-optic cable.
* When the YS-250PRO strobe is used with an SLR camera in a housing, use a sync cord.

O-ring Set 62127



Amazing power to help you capture any subject you aim at

The YS-250PRO is designed for demanding professionals, packed with revolutionary new features to meet the challenges of digital photography. A large circular arc tube emits a powerful flash at guide number 32 (its value on land, ISO 100/m) when power is set to FULL. It provides incremental manual flash power adjustment in 12 steps for graduations of light. The YS-250PRO is lightning fast: it recycles in 1.8 seconds. Its high-capacity Ni-MH battery, designed exclusively for the strobe, stores enough power when fully charged for 200 full flashes. A high-luminosity white LED target light in the center of the strobe shows precisely where the strobe is pointed, and a ready lamp and a TTL confirmation lamp on each side of the strobe indicate when the strobe is charged and when it has been controlled by the camera's TTL. An audible signal sounds when the lamps light so you can concentrate on your subject in the viewfinder.

Battery for YS-250PRO (Standard accessory)

54102

Battery Charger for YS-250PRO (Standard accessory)

57103

Diffuser for YS-250PRO (Standard accessory)

28105



Test firing Confirming the strobe firing manually.

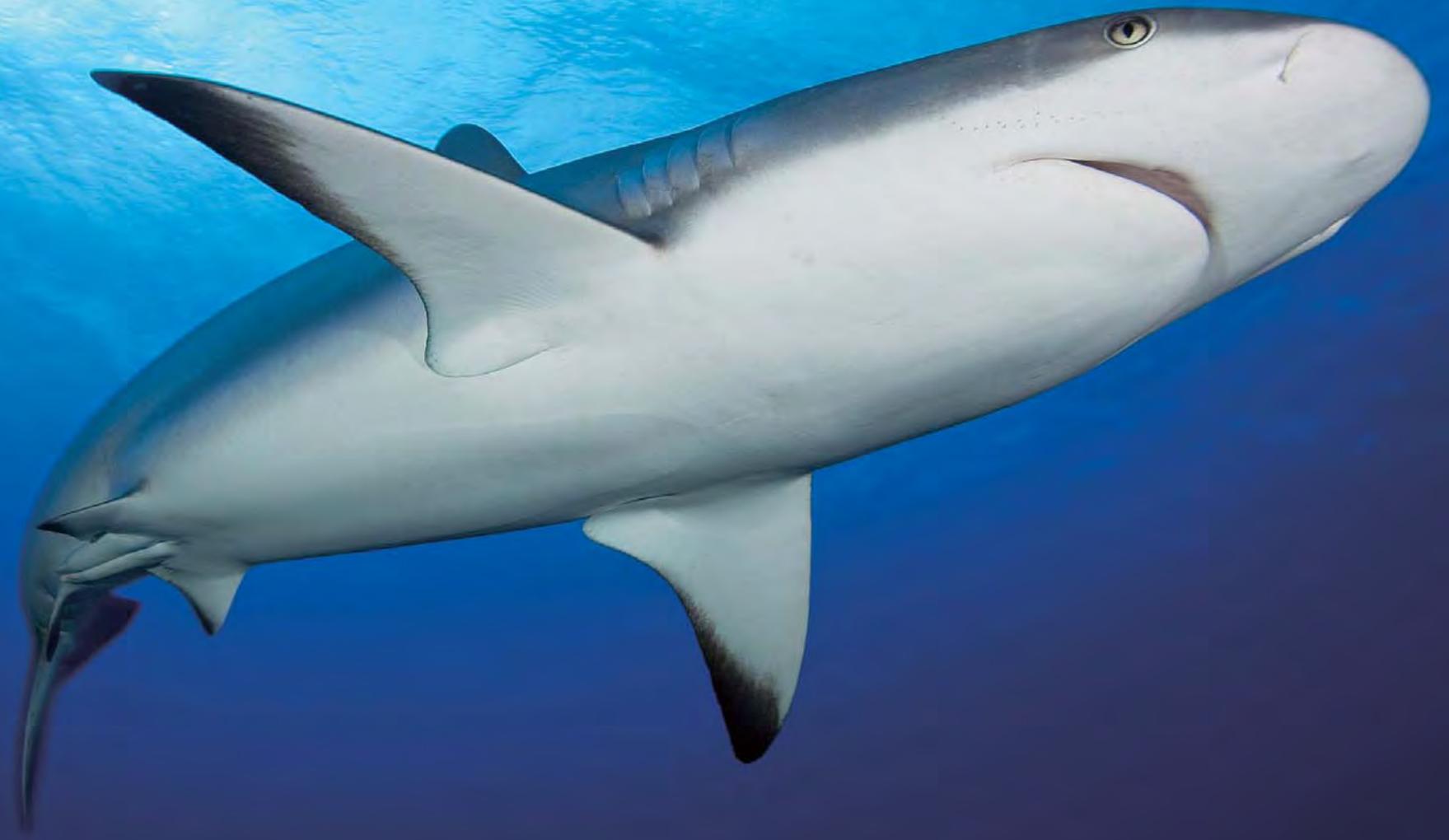
Manual Control With manual flash exposure control adjustment.

Sync Cord TTL TTL photography is possible with sync cord. *YS converter is required for Digital SLR cameras.

TTL Lamp Confirming the TTL flash output.

Beep Audible tone indicates flash readiness and TTL confirmation.

Caution for Ni-MH battery
When Ni-MH batteries are used, please follow these instructions. Failure to do so could result in battery leakage or/and battery explosion *Insert the batteries with the polarity shown in the battery compartment. *Remove batteries immediately after use.



Enjoy the world of high-definition and high-tech video with this lightweight and compact video housing.

VX-S1 Housing (Black) (Housing only) [\[07117\]](#) *With monitoring mirror

[Accessories] 0.6x Wide-angle conversion lens, lens hood, step-up ring, ballast weight, clincher, lithium batteries CR-2 and CR-2032 O-ring Set [\[62131\]](#)



Mirror flipping function so left and right are not displayed reversed

The large folding external mirror shows you the camcorder's side LCD while taping to give you a clear view of your subject and the camcorder's data display. The camcorder offers an image flipping function that flips the LCD image horizontally so the image you view in the mirror appears in the correct left-to-right orientation. The mirror's large hood is rigid to protect it from external shock.



Adopts the Infrared Remote Control Grip

The remote control grip communicates with the camcorder via infrared. It offers REC, PHOTO, and ZOOM controls all placed conveniently under the thumb. You can use them while holding the grip and concentrating on a subject.



Wide-Angle Conversion Lens (Standard accessory)

0.6x wide-angle conversion lens for capturing dynamic wide angle images (can be used on land).



*The lens works with the accessory step-up ring.

Following functions are operable underwater; Power ON/OFF and mode switching with mode dial, and remote operation (REC, ZOOM, PHOTO) using remote control grip.

The infrared control grip switches easily between video and still-picture capture.

A large folding mirror reflects the camcorder's side LCD screen back to the user for easy subject framing without using a dedicated external monitor.

The housings are designed for multiple camcorder models, with an interchangeable camera base for each model, so a single housing may be used for several different camcorder models.

A leak sensor alerts you immediately to any accidental moisture in the housing.

A high performance underwater microphone captures underwater sounds to accompany your video.

An over-pressure relief valve ensures that any excess air pressure in the housing releases safely.

Lock knob makes opening and closing the housing easy and comfortable.

Reliable 60m / 200ft depth rating pressure-proof design.



NEW Camera Base for HDR-SR11/SR12 [\[45108\]](#)



*Camera bases for the Sony Handycams. Select the base that is compatible with your camera.

Camera Base for HDR-UX7/UX5 [\[45105\]](#)

Camera Base for HDR-HC7/HC9 [\[45106\]](#)

Camera Base for HDR-SR7/SR8 [\[45107\]](#)

Camera Base for DCR-DVD505 [\[45103\]](#)

Camera Base for HDR-HC3 [\[45102\]](#)

VX-G1 Left-Hand Grip [\[22101\]](#)

The left hand grip for the VX-G1 balances right and left grips to provide easier and more natural control of the housing.



*The Left Grip Adapter is required to attach to the VX-S1 housing.

Left Grip Adapter [\[22105\]](#)

An adapter required to attach the left hand grip for VX-G1 to the VX-S1 housing.



Video Color Filter for VX-G1 [\[28103\]](#)

Filters out blue light, helps balance colors underwater to capture true-color images. This video color filter for VX-G1 works as well with the VX-S1 housing.



Macro Lens for VX-G1 [\[52112\]](#)

Mounts onto the front glass with protector of the housing. Converts camcorder lens into a super macro lens for enhanced subject magnification. This Macro lens for VX-G1 works as well with the VX-S1 housing.



*Vignetting may appear in the four corners of the image. Slightly zoom in to telephoto to eliminate vignetting.

Video Lanyard [\[45101\]](#)

The lanyard is used to conveniently carry the housing on land or during entry into water. This lanyard uses no metal material for noise reduction.



Example of setting

Compact Digital Camera Set

DX-2G System Example

System sample with YS-27DX strobe (top lighting) for macro photography.



- DX-2G Camera and Housing Set
- YS-27DX
- Fiber-Optic Cable (L-type)
- Mini Shoe Arm

System sample with YS-110 α strobe for macro photography.



- DX-2G Camera and Housing Set
- YS-110 α
- Fiber-Optic Cable (L-type)
- Grip-Stay S

System sample with two YS-110 α strobes and conversion lens for wide-angle photography.



- DX-2G Camera and Housing Set
- Wide-Angle Conversion Lens for DX-1G
- YS-110 α x 2
- Fiber-Optic Cable (L-type) x 2
- Sea Arm VII Set
- Ball Base
- Sea Arm VII Basic Set

DX-1200HD System Example

System sample with YS-17 strobe (top lighting) for macro photography.



- DX-1200HD Camera and Housing Set
- YS-17
- Fiber-Optic Cable (L-type)
- Mini Shoe Arm

System sample with LX-33 video light for macro photography.



- DX-1200HD Camera and Housing Set
- LX-33
- Sea Arm VII Set

System sample with YS-110 α strobe and conversion lens for wide-angle photography.



- DX-1200HD Camera and Housing Set
- Wide-Angle Conversion Lens for DX-860G
- YS-110 α
- Fiber-Optic Cable (L-type)
- Grip-Stay S

RDX Series

RDX-D60 System Example

System sample with YS-110 α strobe (top lighting) for macro photography.



- RDX-D60 Housing
- RDX Standard Port
- YS-110 α
- Fiber-Optic Cable (L-type)
- Hot Shoe Arm

*When you shoot close-up photos, part of the image may not be illuminated due to the shadow of the port.

System sample with YS-110 α strobe for macro photography.



- RDX-D60 Housing
- RDX Standard Port
- YS-110 α
- Fiber-Optic Cable (L-type)
- Sea Arm VII Set

System sample with two YS-110 α strobes and YS converter for wide-angle photography.



- RDX-D60 Housing
- YS Converter/N
- RDX Port Base L
- NX Compact Dome Port
- YS-110 α x 2
- 5-pin Sync Cord/N x 2
- Grip-Stay L
- Sea Arm VII Basic Set x 2

RDX-450D System Example

System sample with YS-110 α strobe (top lighting) for macro photography.



- RDX-450D Housing
- RDX Standard Port
- YS-110 α
- Fiber-Optic Cable (L-type)
- Grip-Stay L
- Hot Shoe Arm

*When you shoot close-up photos, part of the image may not be illuminated due to the shadow of the port.

System sample with two YS-110 α strobes for macro photography.



- RDX-450D Housing
- RDX Standard Port
- YS-110 α x 2
- Fiber-Optic Cable (L-type) x 2
- Sea Arm VII Set
- Ball Base
- Sea Arm VII Basic Set

System sample with two YS-110 α strobes for wide-angle photography.



- RDX-450D Housing
- RDX Port Base L
- Optical Dome Port
- YS-110 α x 2
- Fiber-Optic Cable (L-type) x 2
- Grip-Stay L
- Sea Arm VII Basic Set x 2

MDX Series

MDX-D300 System Example

Standard system sample with YS-250PRO strobe.



- MDX-D300 Housing
- NX Custom Flat Port
- YS-250PRO
- 5-pin Sync Cord/N
- Sea Arm VII Basic Set

Standard system sample with two YS-110α strobes and YS converter.



- MDX-D300 Housing
- YS Converter/N
- NX Compact Macro Port Base
- Compact Macro Port S (35)
- YS-110α x 2
- 5-pin Sync Cord/N x 2
- Sea Arm VII Basic Set x 2

System sample with two YS-250PRO strobes and YS converter for wide-angle photography.



- MDX-D300 Housing
- YS Converter/N
- NX Compact Dome Port
- YS-250PRO x 2
- 5-pin Sync Cord/N x 2
- Sea Arm VII Basic Set x 2

MDX-40D System Example

Standard system sample with YS-110α strobe.



- MDX-40D Housing
- NX Standard Flat Port
- YS-110α
- 5-pin Sync Cord/N
- Sea Arm VII Basic Set

Standard system sample with two YS-110α strobes and YS converter.



- MDX-40D Housing
- YS Converter/C
- DX Macro Port Base
- DX Macro Port 50
- YS-110α x 2
- 5-pin Sync Cord/N x 2
- Sea Arm VII Basic Set x 2

System sample with two YS-250PRO strobes and YS converter for wide-angle photography.



- MDX-40D Housing
- YS Converter/C
- Optical Dome Port
- YS-250PRO x 2
- 5-pin Sync Cord/N x 2
- Sea Arm VII Basic Set x 2

MDX-PRO D3 System Example

System sample with YS-110α strobe for macro photography.



- MDX-PRO D3 Housing
- NX Compact Macro Port Base
- Compact Macro Port S (35)
- YS-110α
- 5-pin Sync Cord/N
- Sea Arm VII Basic Set

Standard system sample with two YS-250PRO strobes.



- MDX-PRO D3 Housing
- NX Zoom Port
- YS-250PRO x 2
- 5-pin Dual Sync Cord/N
- Sea Arm VII Basic Set x 2

System sample with two YS-250PRO strobes and YS converter for macro photography.



- MDX-PRO D3 Housing
- YS Converter/N
- NX Compact Macro Port Base
- Compact Macro Port M (67)
- YS-250PRO x 2
- 5-pin Sync Cord/N x 2
- Sea Arm VII Basic Set x 2

MDX-PRO MarkIII System Example

System sample with YS-250PRO + YS-27DX strobes for Standard photography.



- MDX-PRO MarkIII Housing
- NX Compact Macro Port Base
- Compact Wide Port L
- YS-250PRO
- YS-27DX (Slave)
- 5-pin Sync Cord/N
- Sea Arm VII Basic Set x 2

System sample with two YS-110α strobes and YS converter for wide-angle photography.



- MDX-PRO MarkIII Housing
- YS Converter/C
- NX Compact Dome Port
- YS-110α x 2
- 5-pin Sync Cord/N x 2
- Sea Arm VII Basic Set x 2

System sample with two YS-250PRO strobes and YS converter for macro photography.



- MDX-PRO MarkIII Housing
- YS Converter/C
- Optical Dome Port
- YS-250PRO x 2
- 5-pin Sync Cord/N x 2
- Sea Arm VII Basic Set x 2

Video

VX-S1 Housing System Example

System sample with LX-33 video light for macro photography.



- VX-S1 Housing
- LX-33
- Sea Arm VII Basic Set

Compact Digital Camera Set

RDX Series

MDX Series

Strobe

Video

Example of setting

Accessories

System Chart

Spec

Accessories for Compact Digital Camera Set

Sea Arm & Stay

The perfect companion arm set for compact digital camera housings. This arm set is designed to be very mobile, compact, and light.

*Compatibility depends on the model of the waterproof case.

Sea Arm Light Single Set

20503

[Construction] Glass fiber fortified nylon
[The Sea Arm Light Single Set includes]

- ① 2 compact light arms: 130mm / 5.1inch x 2
- ② Compact light joint: 50x45mm / 2.0x1.8inch
- ③ Compact light multi stay: 135x65x27mm / 5.3x2.6x1.1inch
- ④ Light stay adaptor: 76x36x36mm / 3.0x1.4x1.4inch
- ⑤ Compact light knob: 45x16mm / 1.8x0.6inch

*Total weight of the Sea Arm Light Single Set: 330g / 11.6oz.



Sea Arm Light Arm Set

24101

Multi Stay Set & Bracket Shoe

Multi Stay Set

21100

A stay is used to assemble arms and strobes with a camera or housing. It is an essential component in your underwater photography system. The SEA&SEA Multi Stay is a complete set of parts designed to be custom-configured to accommodate your specific system.

[Includes] ① Multi Stay Base ② Arm Adapter x 2



Bracket Shoe

20100

Attaches Sea Arm VII or flexible light arm to grip or stay (screws included).



Grip Stay

Grip-Stay S NEW

22107

The tray and arm hold your camera and housing and a compact underwater strobe or a compact underwater video light. A fiber-optic cable can be laced into the arm (grip) for easy operation.

[Dimensions (WxHxD)] 216x184x72.5mm / 8.6x7.4x2.9inch
[Weight] Approx. 300g / 10.5oz
[Construction] Plastic, stainless steel, brass and rubber



Arm & Stay

DX Arm

21140

A flexible arm suitable for mini strobes or small underwater light. Attaches to DX stay and multistay set.



DX Stay

21130

A lightweight stay that attaches SEA&SEA strobes and lights to digital cameras. Compatible with most digital cameras. Constructed of lightweight corrosion-resistant resin compound.

[Included] Bracket Shoe



Fiber Optic Cable

Fiber-Optic Cable (L-type)

50107

This fiber-optic cable resists bending and has improved light-conducting efficiency.



Strobe Mask Set

50109

Stick the Velcro tape to the underwater housing covering the camera's built-in flash. Connect the Fiber-optic cable (L-type).

*The Velcro tape to be cut off in accordance with the shape of the housing.
*Compatibility depends on the model of the housing.



Close-UP Lens

Close-UP Lens 125 NEW

52119

*The appropriate Close-UP Lens Ring is required to attach to the DX-2G / DX-1G / DX-1200HD housings. (Magnification can be multiplied by stacking them.)



Ballast Weight

Ballast Weight

22102

This weight can be used to adjust the buoyancy when the housing is used without accessories.

*This cannot be used together with an optional stay.
*This cannot be attached to DX-2G / DX-1G housings. This can be attached to DX-1200HD housing.



Desiccant

Desiccant Pack (silica gel)

*5 packs in a hermetically sealed package

62108

Keep your digital camera dry in humid conditions: a silica gel pack inside your housing absorbs moisture and prevents condensation.



Accessories for Digital SLR Camera Housing

Sea Arm Set

This multiple-type arm stay set has been updated to allow greater tightening force. Plastic resin construction prevents electric corrosion and makes it more durable. The new ball joint design allows firmer tightening and smoother loosening, and tighter grip at each joint makes arm position more secure.

*Accepts various housings for compact digital camera such as DX-2G / DX-1200HD.

Sea Arm VII Set

[22104]

[Construction] Plastic resin reinforced with glass fiber
[Length/Weight]

- ① Camera base: 40x70x135mm / 126g (1.6x2.8x5.4inch / 4.4oz)
- ② Double Ball S + Grip S: 191mm / 120g (7.6inch / 4.2oz)
- ③ Double Ball M + Grip M: 231mm / 150g (9.2inch / 5.3oz)
- ④ Head SS: 116mm / 50g (4.6inch / 1.8oz)
- ⑤ Head S: 186mm / 70g (7.4inch / 2.5oz)
- ⑥ Ball Base: 80mm / 51g (3.2inch / 1.8oz)
- ⑦ Two Ball Joint set: 70mm / 101g (2.8inch / 3.5oz)
- ⑧ Slide Fixed Direct Arm: 61mm / 100g (2.4inch / 3.5oz)

Sea Arm VII Basic Set

[22106]

Plain and simple arm set for SLR camera / video housings.

[Specifications]

- ② Double Ball S + Grip S
- ③ Double Ball M + Grip M
- ④ Head SS
- ⑤ Head S
- ⑦ Two Ball Joint set:
- ⑧ Slide Fixed Direct Arm



Shutter-Activated Focus Light

Shutter-Activated Focus Light

[46060]

Improves autofocus performance in low-light situations and night diving. Essential for macro photography. No modification required for models equipped with a corresponding connector.



[Power] 2.1W / 6V

[Power source] CR123A x 2

[Battery life] 3.5 consecutive hours

[Depth rating] 60m / 200ft

[Dimensions (cord excluded)] 59x37x143mm / 2.3x1.5x5.6inch

[Weight (battery excluded)] Approx. 230g / 8oz

[Accessories] Diffuser

*Requires the Mini Shoe Arm or Hot Shoe Arm (optional) to attach the Shutter-activated Focus Light to a housing.

Flexible Light Arm

Flexible Light Arm

[29070]

This arm attaches to a Sea Arm bracket and enables limitless angles of illumination. Extension arm available for adjustment of length.



Flexible Light Arm 4-Piece Kit

[29080]

4-section extension. Mounting tool optional.



Multi Strobe Ring

Multi Strobe Ring φ100mm

[41200]

This ring has 7 accessory shoes and is designed for use exclusively with an NX compact macro port base. Allows the attachment of a small strobe.



New Housing Lanyard

New Housing Lanyard

[56061]

Attaches to the hand grips. A safe and convenient way to carry your housing. It can be attached to any SEA&SEA housing model.



Shoe Arms

Hot Shoe Arm

[29501]

This shoe arm attaches to a housing port or an accessory shoe on the multi strobe ring. Accepts small strobes, shutter-activated focus light.



Mini Shoe Arm

[29511]

This mini shoe arm attaches to a housing port or an accessory shoe on the multi strobe ring. Accepts small strobes, shutter-activated focus light.



Hot Shoe Arm III

[22103]

An accessory shoe arm with swivel capability of 360°.



Pick up Finders

Optical Viewfinder 0.5x

NEW

[46108]

Reduces vignetting in the viewfinder's image. Recommended for wide-angle photography or other situations when it is essential to check the overall composition of the picture. Depending on the situation, the viewfinder can be replaced with a standard pick-up viewfinder.

*The reflected image appears in the four corners of the viewfinder depending on the camera model.



Optical Viewfinder 0.8x

[46104]

We recommend this viewfinder for near-sighted users and for photographers who want to make sure the focus is clear in the center of the image during macro photography. You can interchange this viewfinder with the standard pick-up viewfinder to best suit your needs.

*The reflected image appears in the four corners of the viewfinder.



Grip Stay

Grip-Stay L

NEW

[22108]

Grip and base stay with adjustable horizontal width and angle. The Sea Arm VII or a new housing lanyard can be attached to the grip.



Dome Ports

Optical Dome Port

30104

This AR multi-coated glass dome port is ideal for wide-angle photography with a digital SLR camera. It comes with a port case and a dome port cover.

- Greatly reduces peripheral aberration (distortion) so images are clear from corner to corner.
- Efficient light transmission sharpens images.
- Made of glass so it sheds water droplets, excellent for clear over/under shots (half above water, half below).

[Dimensions (DIAxD)] 181x78mm / 7.2x3.1inch
[Weight] Approx. 950g / 33.2oz
[Construction] Corrosion-resistant aluminum alloy (anodized, anti-reflection coating on the inner surface)
- Dome : Optical glass BK7 (AR multi-coated)
[Compatible models] NX and DX housings for SLR cameras except NX-100PRO, NX-5PRO, DX-D100 and DX-S2Pro

*Consult a SEA&SEA authorized service center for more compatibility information.



NX Fisheye Dome Port

56401

[Dimensions (DIAxD)] 242x104mm / 9.7x4.2inch
[Weight] Approx. 1,000g / 35oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating, antireflection coating)
- Dome: Acrylic
- Shade: ABS resin



NX Compact Dome Port

56601

[Dimensions (DIAxD)] 174x79.5mm / 7x3.2inch
[Weight] Approx. 410g / 14.4oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating, antireflection coating)
- Dome: Acrylic
- Shade: ABS resin



CX Compact Dome Port

46100

[Dimensions (DIAxD)] 174x87mm / 7x3.5inch
[Weight] Approx. 360g / 12.6oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating, antireflection coating)
- Dome: Acrylic
- Shade: ABS resin



Zoom Port

NX Zoom Port

51101

[Dimensions (DIAxD)] 147x118mm / 5.9x4.7inch
[Weight] Approx. 940g / 32.9oz
[Construction] ABS resin + Tempered glass



Port Bases

RDX Port Base S **NEW**

30108

[Dimensions (DIAxD)] 102x15mm / 4.1x0.6inch
[Weight] Approx. 90g / 3.2oz
[Construction] Corrosion-resistant aluminum alloy (anodized)



RDX Port Base L **NEW**

30109

[Dimensions (DIAxD)] 132x55mm / 5.3x2.2inch
[Weight] Approx. 300g / 10.5oz
[Construction] Corrosion-resistant aluminum alloy (anodized)



DX Macro Port Base

30105

[Dimensions (DIAxD)] 132x42.5mm / 5.3x1.7inch
[Weight] Approx. 250g / 8.8oz
[Construction] Corrosion-resistant aluminum alloy (anodized)



NX Compact Macro Port Base

56201

[Dimensions (DIAxD)] 132x66.5mm / 5.3x2.7inch
[Weight] Approx. 290g / 10.2oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating)



Wide Port

Compact Wide Port L

30103

[Dimensions (DIAxD)] 154.5x57.8mm / 6.2x2.3inch
[Weight] Approx. 680g / 23.8oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating) + Tempered glass



Macro Ports

DX Macro Port 50

30106

[Dimensions (DIAxD)] 117x81mm / 4.7x3.2inch
[Weight] Approx. 370g / 13oz
[Construction] Corrosion-resistant aluminum alloy (anodized) + Tempered glass (multi-coated)



Compact Macro Port S (35)

56211

[Dimensions (DIAxD)] 102.5x51mm / 4.1x2inch
[Weight] Approx. 227g / 7.9oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating) + Tempered glass



Compact Macro Port M (67)

56221

[Dimensions (DIAxD)] 102.5x83mm / 4.1x3.3inch
[Weight] Approx. 278g / 9.7oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating) + Tempered glass



Compact Macro Port 52

56241

[Dimensions (DIAxD)] 102.5x68mm / 4.1x2.7inch
[Weight] Approx. 259g / 9.1oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating) + Tempered glass



Compact Macro Port 79

56251

[Dimensions (DIAxD)] 102.5x95mm / 4.1x3.8inch
[Weight] Approx. 298g / 10.4oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating) + Tempered glass



Compact Macro Port 111

56261

[Dimensions (DIAxD)] 102.5x127mm / 4.1x5.1inch
[Weight] Approx. 342g / 12oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating) + Tempered glass



Standard Ports

RDX Standard Port **NEW**

30107

[Dimensions (DIAxD)] 140x90mm / 5.6x3.6inch
[Weight] Approx. 500g / 17.5oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating) + Acrylic



NX Standard Flat Port

56101

[Dimensions (DIAxD)] 132x98mm / 5.3x3.9inch
[Weight] Approx. 600g / 21oz
[Construction] ABS resin + Tempered glass



Custom Flat Port

NX Custom Flat Port

56231

[Dimensions (DIAxD)] 132x98mm / 5.3x3.9inch
[Weight] Approx. 680g / 23.8oz
[Construction] ABS resin + Tempered glass



Extension Rings

SX Extension Ring

50261

[Dimensions (DIAxD)] 135.5x35.5mm / 5.4x1.4inch
[Weight] Approx. 277g / 9.7oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating)



Extension Ring 22

56270

[Dimensions (DIAxD)] 103x38mm / 4.1x1.5inch
[Weight] Approx. 120g / 4.2oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating)



Extension Ring 40

56111

[Dimensions (DIAxD)] 135x56.5mm / 5.4x2.3inch
[Weight] Approx. 345g / 12.1oz
[Construction] Corrosion-resistant aluminum alloy (alumite coating)



Port Covers & Body Caps

Fits securely over the port mount or face of the port and protect them from dust, debris or scratches.

Front Port Cover <S>

51220

- Compact Macro Ports



Front Port Cover <M>

51230

- NX Custom Flat Port
- NX Standard Flat Port



Front Port Cover <L>

51240

- NX Zoom Port



Rear Port Cover <S>

51250

- Compact Macro Ports



Rear Port Cover <L>

51260

- All NX-series ports
(except Compact Macro Ports)



Housing Body Cap <L>

51280

- NX-series housings
- DX-series housings
- MDX-series housings



Optical Dome Port Cover

46102

- Optical Dome Port



Wide Port Cover

46101

- Compact Wide Port L
- RDX Standard Port



NX Dome Port Cover

51211

- NX Fisheye Dome Port



Compact Dome Port Cover

46020

- NX Compact Dome Port



Port Case

Port Case

66103

Compatible with the Optical Dome Port. PE foam in the package absorbs external shock.

[Dimensions (WxHxD)] 190x95x190mm / 7.6x3.8x7.6inch
[Construction] Nylon



YS Converters

YS Converter/N

50117

NEW

This converter can be used to attach an external strobe to Nikon digital SLR camera housings and allows for TTL adjustment.

[Compatible housings]
MDX-PRO D3, MDX-D300,
RDX-D60



YS Converter/C

50118

NEW

This converter can be used to attach an external strobe to Canon digital SLR camera housings and allows for TTL adjustment.

[Compatible housings]
MDX-PRO MarkIII, MDX-40D,
RDX-450D



O-ring Set

62140

This new type of converter lets you use simultaneously two different types of strobes with different discharge characteristics and flash tubes, simply by turning the strobe selector dial. You can also switch between TTL mode and manual mode*1 depending on the shooting situation. Moreover, you can check the images taken with TTL mode on the LCD monitor of the camera and use the TTL adjustment dial to easily make fine adjustments to the level of light emitted.

*1: Switching to manual on the converter means activating the manual function on the connected YS-series strobe (depending on the strobe model).

*If the battery of the YS converter is completely depleted, you can set the OFF / Manual / TTL adjustment dial to M (Manual) to continue taking pictures in manual mode.

*Requires the Sync Cord/N to connect a strobe.

*Compatible only with the SEA&SEA housings and the YS-Series strobes.

[Construction] Main body: polycarbonate, Fixing knob: ABS resin, Mounting plate: corrosion-resistant aluminum alloy (alumite coating)

[Controls] OFF / Manual / TTL adjustment dial (from +1 to -1 in 1/3 increments), Strobe selector dial (x 2)

[Battery] CR2 lithium battery (included)

[Strobe-side connector] x 2 (for Sync cord/N)

[Depth rating] 60m / 200ft

[Dimensions (WxHxD)]

68x90x103mm / 2.7x3.6x4.1inch

[Weight]

Approx. 350g / 12.3oz (including CR2 battery)

[Compatible strobe] YS-110α, YS-250PRO

Strobe Sync Cords

5-pin Sync Cord/N

17100



5-pin Dual Sync Cord/N

03470



Fiber-Optic Cable (L-type)

50107

This fiber-optic cable resists bending and has improved light-conducting efficiency.



Use this compact high-performance video light anywhere you need a bright, steady light: with video cameras, digital cameras, or as a personal dive light.



U/W Video Light

LX-33

LX-33 (Blue) [09105](#)

[Accessories] Color temperature enhancer for LX-33, charger for LX-33, fixing bolt

O-ring Set [62130](#)

Fine lighting adjustment so you can take images as you envision them

The LX-33 is designed exclusively for underwater use. The light comes with a bright 33-watt bulb and a light-intensity controller for continuous adjustment from full brightness to a low glow. Its delicate lighting adjustment matches subjects both far and near. A set of fully charged batteries in the light provides up to 100 minutes of continuous lighting. An LED lamp in the light flashes red when the battery is low and needs recharging. The LED lamp also displays battery charging process in two steps. Because the light uses lithium-ion batteries, you don't need to fully discharge the batteries because they're not susceptible to the memory effect.

A lightweight and compact 33W underwater light; excellent for underwater video lighting, as a modeling light for still photography, or as a personal dive light.

A light-control dial adjusts light intensity to suit the subject at hand.

Provides up to 100 minutes of continuous lighting when fully charged.

Attaches to a housing using an optional Sea Arm and Flexible Light Arm.

LX Grip [30500](#)



Spare Bulb (33W) for LX-33 [48104](#)



Battery Charger for LX-33 (Standard accessory) [57104](#)



Color Temperature Enhancer for LX-33 (Standard accessory) [48105](#)



Soft Case & Camera Pouch

SEA&SEA Original Camera Bag **NEW**

[00223](#)

Soft case for storing the DX-2G camera and housing set along with a strobe, an arm and other accessories. Includes protective polyethylene foam for shock absorption.

[Dimensions (WxHxD)] 340x260x110mm / 13.6x10.4x4.4inch
[Material] Nylon



SEA&SEA Original Camera Pouch **NEW**

[00230](#)

Convenient soft case for storing the camera's body and accessories.

[Dimensions (WxHxD)] 135x80x60mm / 5.4x3.2x2.4inch
[Material] Nylon



Maintenance Goods

O-ring Remover

[01920](#)

A tool to safely remove O-rings for cleaning and greasing without damaging the O-ring or O-ring channel.



Silicone Grease

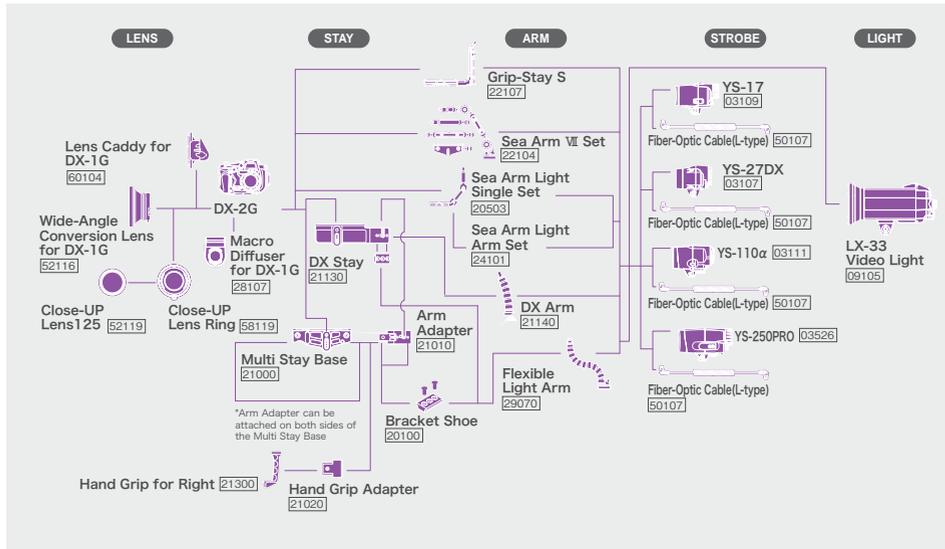
[01900](#)

SEA&SEA's own brand of lubricant to keep O-rings supple.

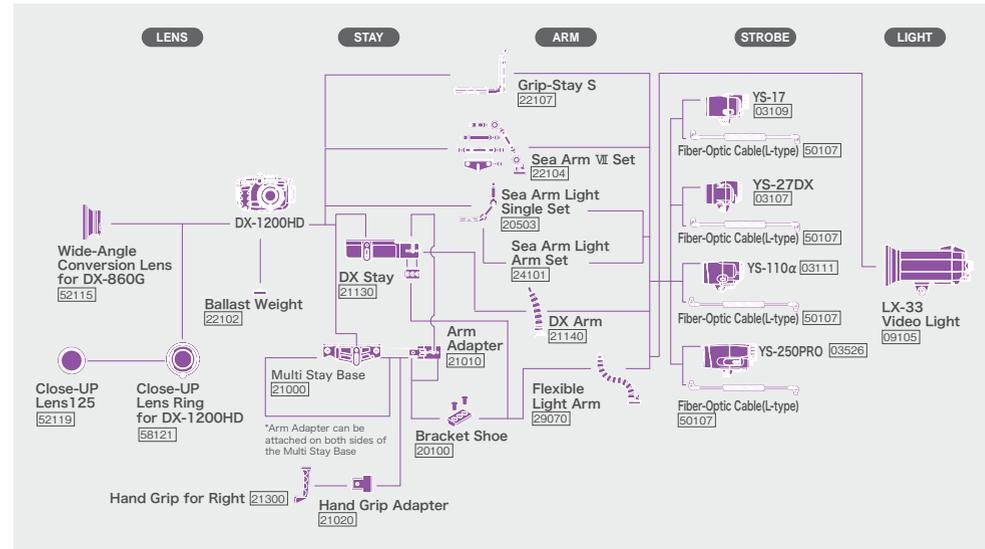


System Chart

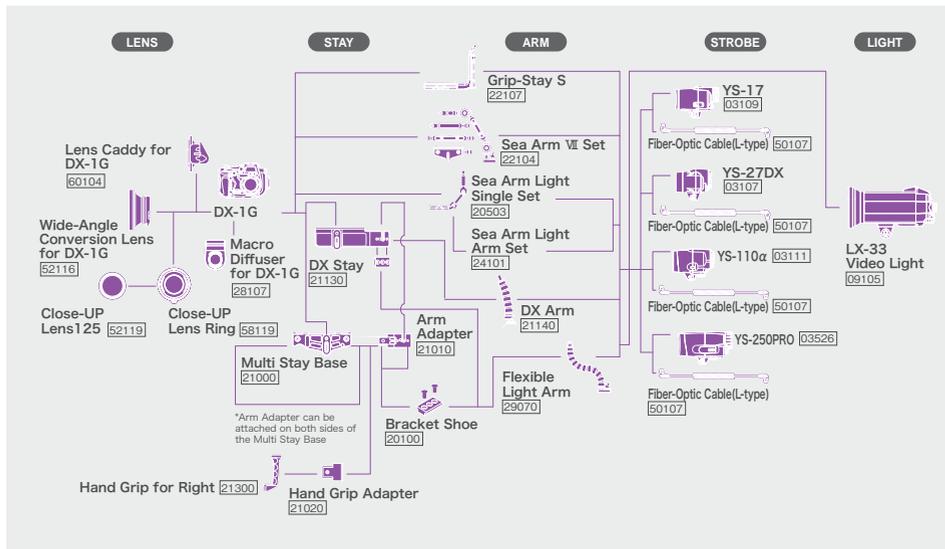
• System Chart for DX-2G



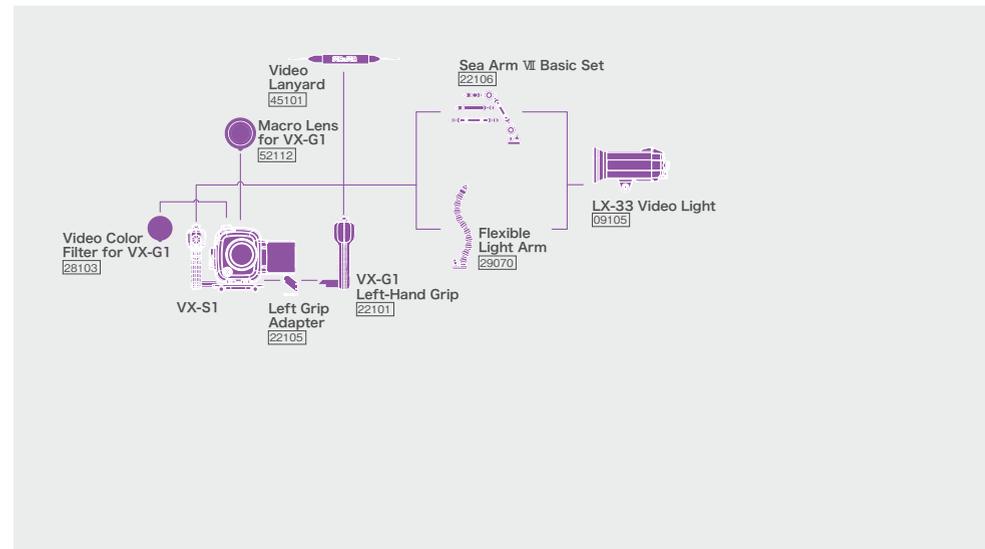
• System Chart for DX-1200HD



• System Chart for DX-1G

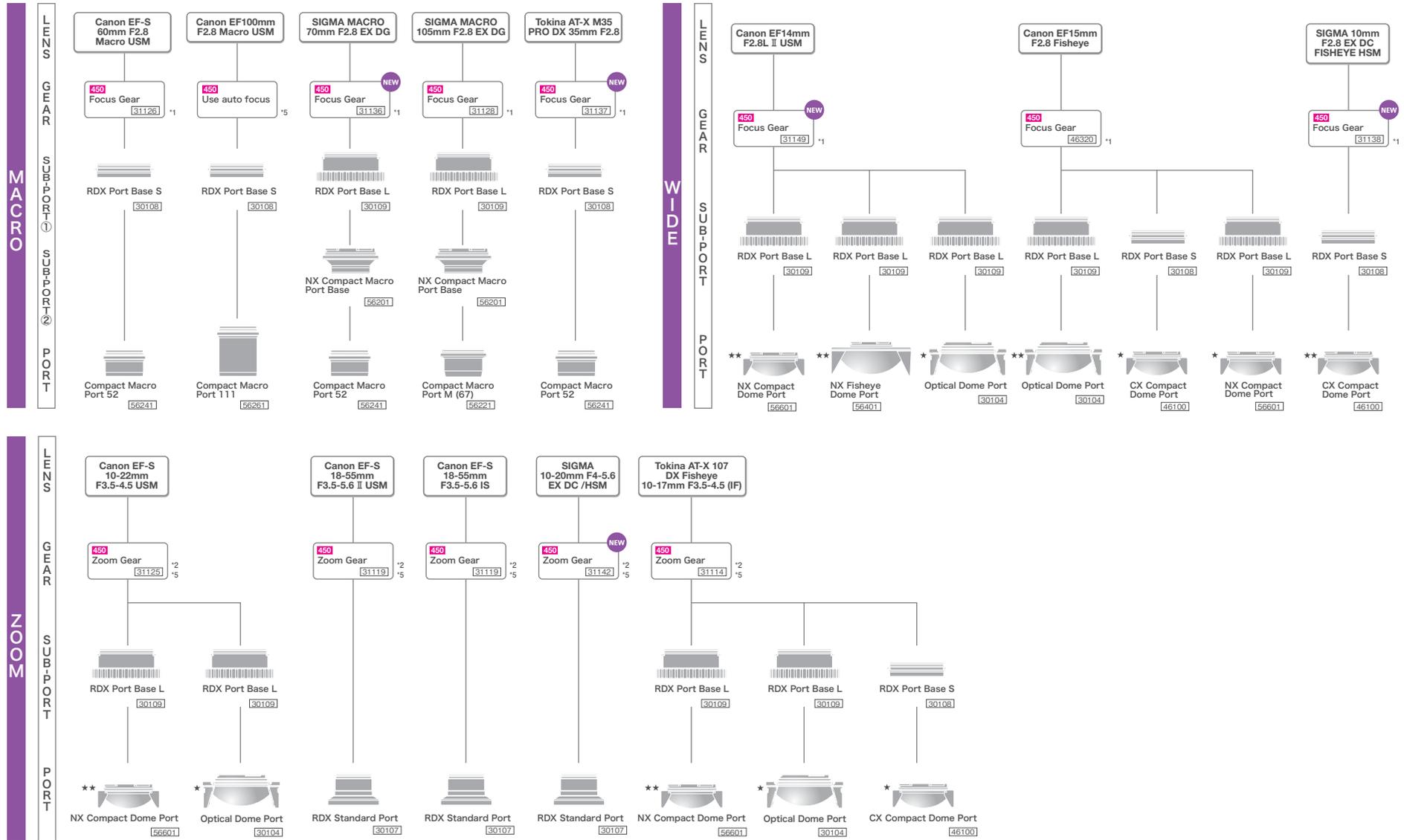


• System Chart for VX-S1



System Chart for RDX Housing (for Canon)

RDX-450D



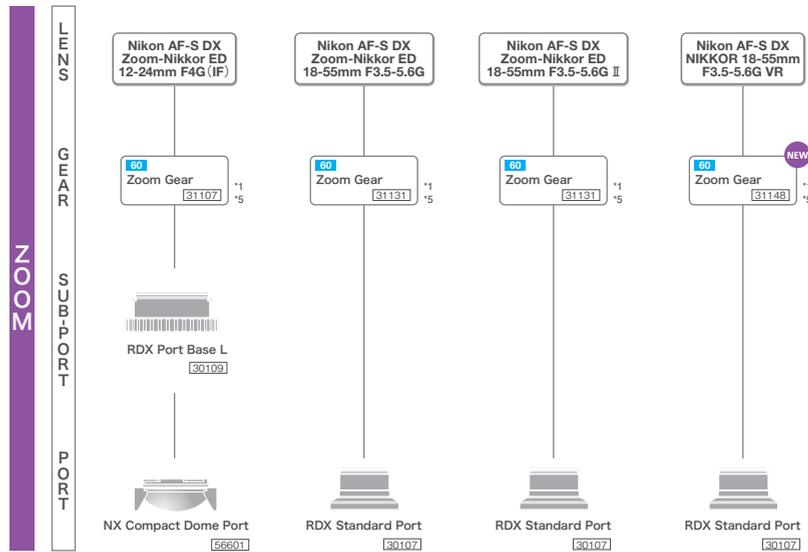
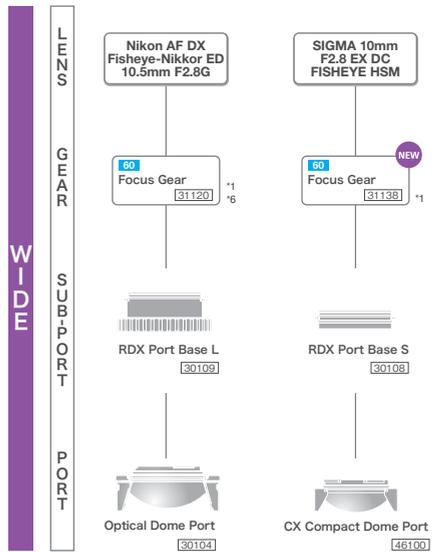
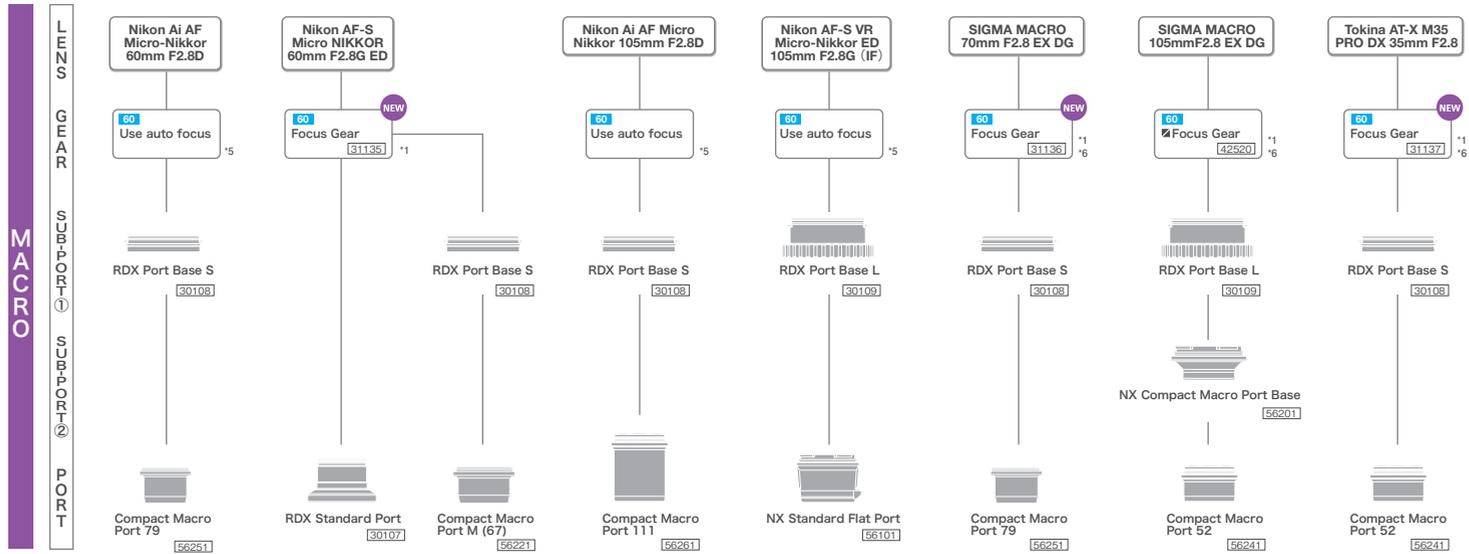
Housings with the following marks are compatible

450 RDX-450D

★★ : No apparent image aberration ★ : Image aberration is sometimes apparent
 *1.Focus is adjustable with the focus knob on housing.(main-body) *2.Zoom is controllable with the focus knob on the housing.(main-body)
 *3.Focus is adjustable with the focus knob on the port. *4.Zoom is adjustable with the zoom knob on the port. *5.Manual focus cannot be used.
 *6.Auto focus cannot be used.

System Chart for RDX Housing (for Nikon)

RDX-D60



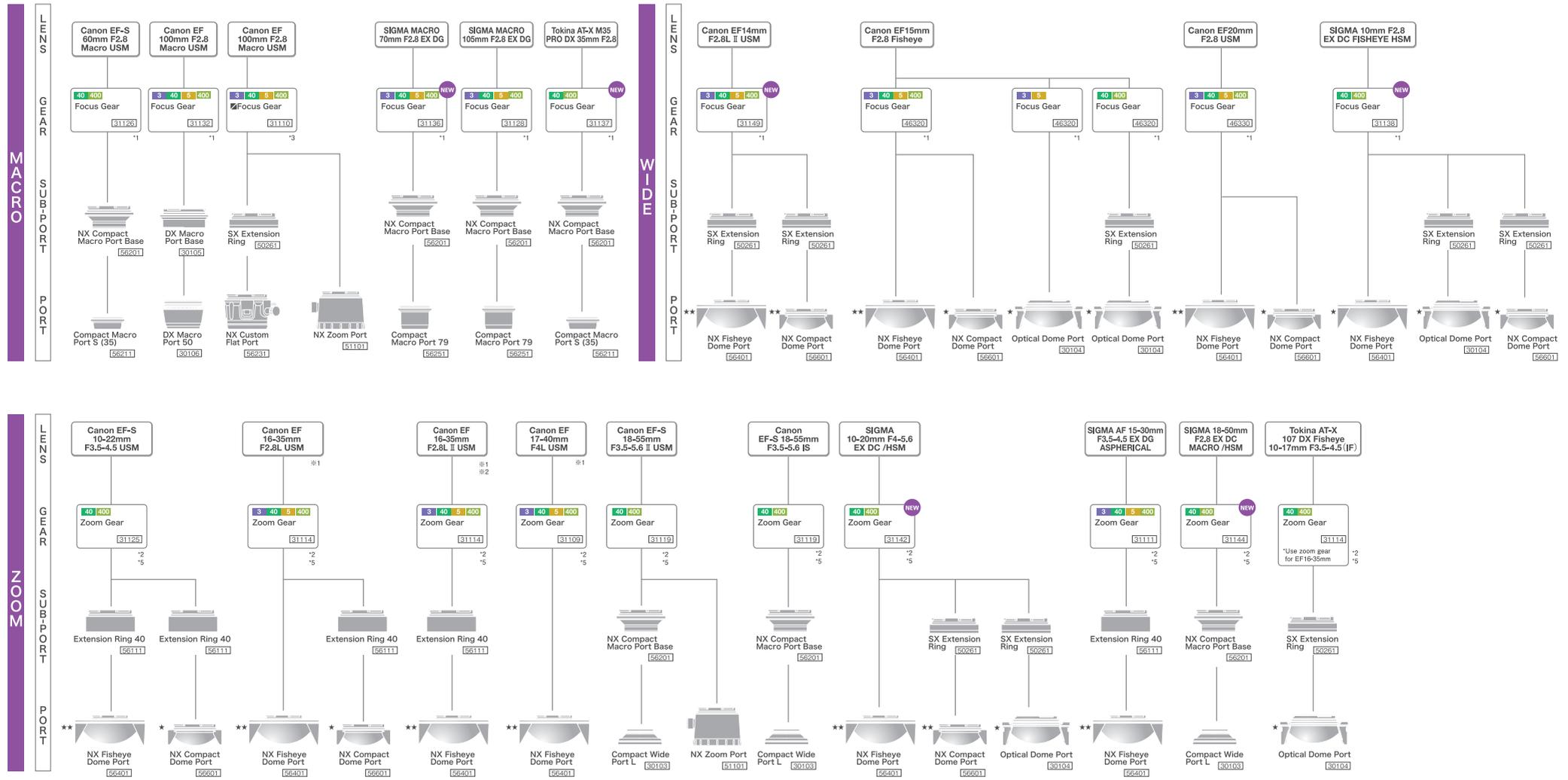
Housings with the following marks are compatible

60 RDX-D60

★★ : No apparent image aberration ★ : Image aberration is sometimes apparent
 *1.Focus is adjustable with the focus knob on housing.(main-body) *2.Zoom is controllable with the focus knob on the housing.(main-body)
 *3.Focus is adjustable with the focus knob on the port. *4.Zoom is adjustable with the zoom knob on the port. *5:Manual focus cannot be used.
 *6:Auto focus cannot be used.

System Chart for MDX Housings (for Canon)

MDX-PRO MarkIII, MDX-40D, DX-5D, DX-400D



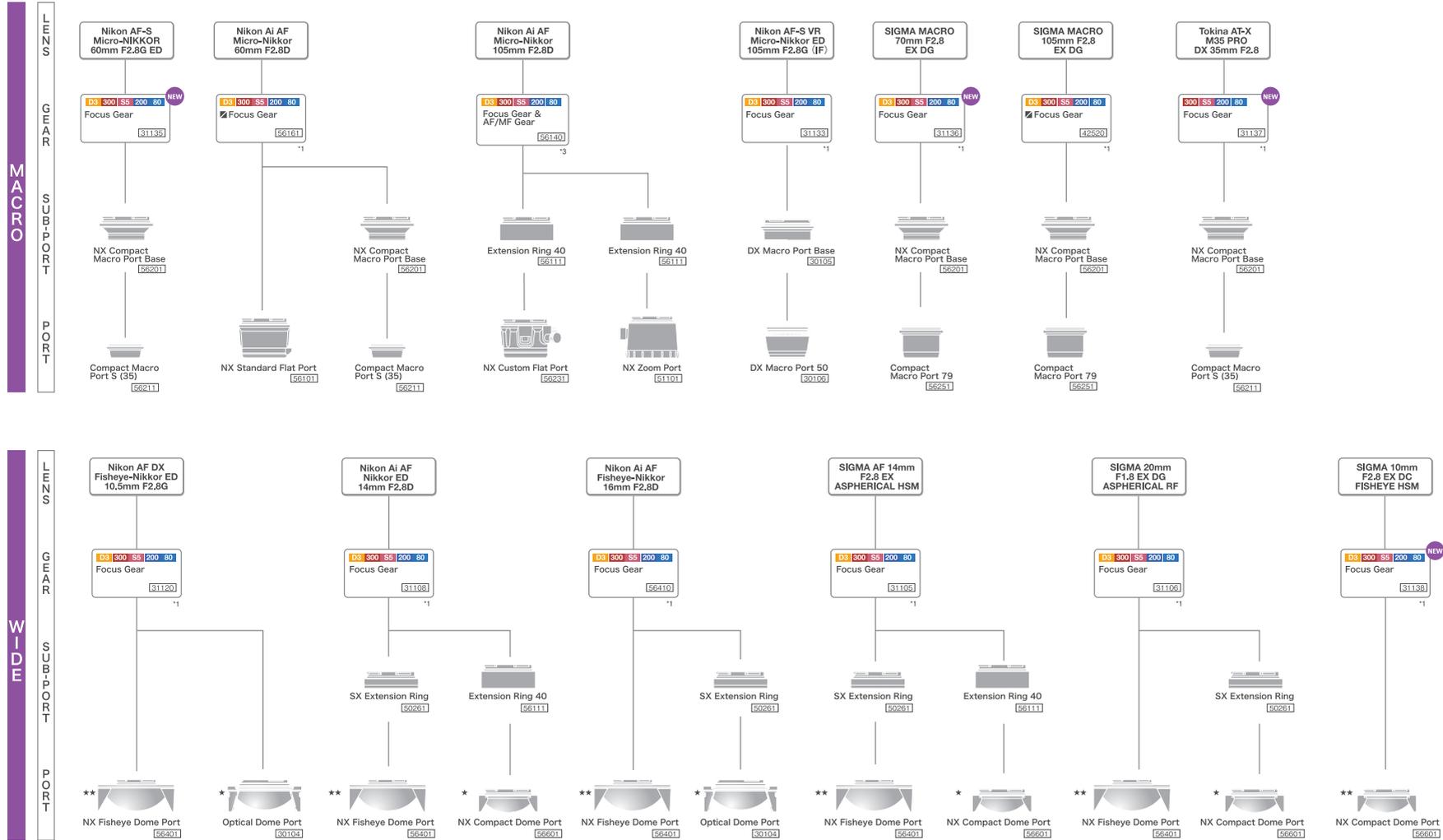
Housings with the following marks are compatible

3 MDX-PRO MarkIII 40 MDX-40D 5 DX-5D 400 DX-400D

★★ : No apparent image aberration ★ : Image aberration is sometimes apparent
 *1: Focus is adjustable with the focus knob on housing.(main-body) *2: Zoom is controllable with the focus knob on the housing.(main-body)
 *3: Focus is adjustable with the focus knob on the port. *4: Zoom is adjustable with the zoom knob on the port. *5: Manual focus cannot be used.
 Notes
 *The lens may be reflected in the image depending on your shooting condition.
 *Setting of the aperture value more than F8 is recommended.

System Chart for MDX Housings (for Nikon/FUJI)

MDX-PRO D3, MDX-D300, DX-S5Pro, DX-D200, DX-D80



Housings with the following marks are compatible

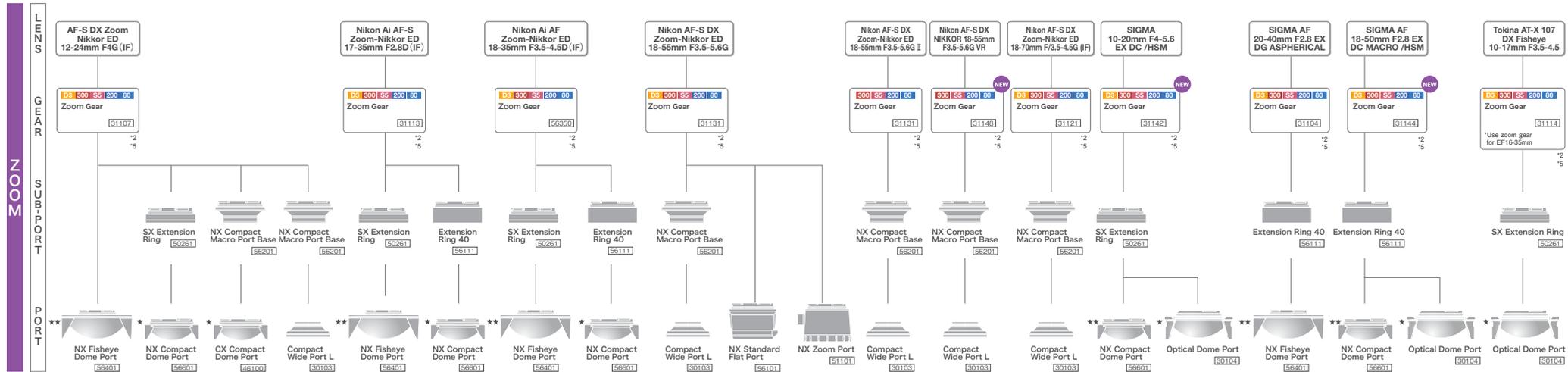
D3 MDX-PRO D3 **300** MDX-D300 **S5** DX-S5Pro **200** DX-D200 **80** DX-D80

★★ : No apparent image aberration ★ : Image aberration is sometimes apparent

*1.Focus is adjustable with the focus knob on housing.(main-body) *2.Zoom is controllable with the focus knob on the housing.(main-body)
 *3.Focus is adjustable with the focus knob on the port. *4.Zoom is adjustable with the zoom knob on the port. *5.Manual focus cannot be used.

System Chart for MDX Housings (for Nikon/FUJI)

MDX-PRO D3, MDX-D300, DX-S5Pro, DX-D200, DX-D80



Housings with the following marks are compatible

D3 MDX-PRO D3 **300** MDX-D300 **S5** DX-S5Pro **200** DX-D200 **80** DX-D80

★★ : No apparent image aberration ★ : Image aberration is sometimes apparent
 *1:Focus is adjustable with the focus knob on housing.(main-body) *2:Zoom is controllable with the focus knob on the housing.(main-body)
 *3:Focus is adjustable with the focus knob on the port. *4:Zoom is adjustable with the zoom knob on the port. *5:Manual focus cannot be used.

SLR Port Selection with System Chart

SEA&SEA offers a broad range of ports in order to accommodate the various lenses available. Macro (close-up range), Zoom (adjustable range), and Wide-Angle (fixed wide range) lenses require differing ports and accessories. The focus ranges (Macro, Zoom, Wide-Angle) you select will require specific ports to fit on your housing. Certain ports may be compatible with more than one lens. Please note that use of the wrong port or wrong combination of ports for a lens may cause vignetting and/or damage to the lens or port(s).

■Housing out of the box

As shown, the camera lens is not protected since no port is mounted on the housing. The housing will not function properly and is watertight unless an appropriate port(s) is mounted correctly. The specific camera lens will require a port or combination of ports to be selected.



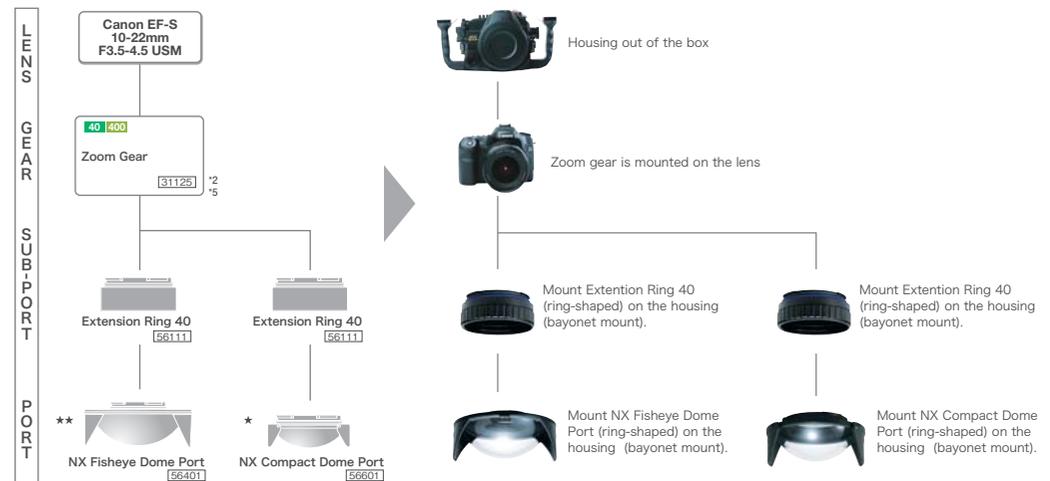
Sample: MDX-40D housing, Canon EF-S 10-22mm F3.5-4.5USM Lens with Zoom Gear

■How to use system chart (example)

As an example, selecting ports for the Canon EF-S 10-22mm F3.5-4.5USM lens using the SEA&SEA system chart. In this example, the following zoom gear must be used. When the zoom gear is mounted on the lens, only auto focus (photography) is possible. In the case of this lens, three port choices are available. 1) Combination of NX Fisheye Dome Port and Extension Ring 40, 2) Combination of NX Compact Dome Port and Extension Ring 40. Select one port choice in accordance with your shooting style or other lens combinations.



Sample: Zoom gear mounted on Canon EF-S 10-22mm F3.5-4.5USM lens



Item	2G
	
Image sensor	Effective 12.1 megapixels (total 12.4 megapixels), 1/1.7-inch primary-color CCD
Lens	Focal length: f=5.1 to 15.3mm (35mm film equivalent focal length 24 to 72mm. With Step Zoom set, the following fixed focal lengths possible: 24mm, 28mm, 35mm, 50mm, 72mm) F-aperture: F2.5 (W) to F4.4 (T) Lens construction: 11 elements in 7 groups
Motion blur reduction	CCD shift method image stabilizer
Zoom	Optical zoom: 3.0x (35mm film equivalent focal length 24 to 72mm) Digital zoom: 4.0x, up to 12 times (288mm equivalent)
Shooting distance (from the front of the lens)	Normal shooting: Approx. 30cm to infinity (W & T) Macro shooting: Approx. 1.0cm to infinity (W), approx. 4.0cm to infinity (T), approx. 1.0cm to infinity (zoom macro)
Shutter speed	<Still image> 180, 120, 60, 30, 15, 8, 4, 2, 1 ~ 1/2000 sec. <Movie> 1/30 ~ 1/2000 sec.
Number of recorded Pixels	<Still image> [4:3] 4000x3000, 3264x2448, 2592x1944, 2048x1536, 1280x960, 640x480 [3:2] 3984x2956 [1:1] 2992x2992 <Text> 4000x3000, 2048x1536 <Movie> 640x480, 320x240
Picture quality mode	F (Fine) / N (Normal) / RAW (DNG file format)
ISO sensitivity (standard output sensitivity)	AUTO / AUTO-HI / ISO64 / ISO100 / ISO200 / ISO400 / ISO800 / ISO1600
Flash	<Mode> Auto (during low light and when subject is backlit) / Red-eye flash / Flash On / Flash synchro / Manual flash (Full, 1/1.4, 1/2, 1/2.8, 1/4, 1/5.6, 1/8, 1/11, 1/16, 1/22, 1/32) / Flash Off <Range> Approx. 20cm to 5.0m (wide-angle), approx. 15cm to 3.0m (telephoto) (ISO AUTO / ISO 400, from the front of the lens) <Compensation> ±2.0 EV (1/3 EV steps)
Focus mode	Multi AF (CCD method) / Spot AF (CCD method) / Manual Focus / Snap / Infinity (with focus lock and AF aux. light)
Exposure metering mode	Multi light metering (256 segments) / Center-weighted light metering / Spot metering (TTL-CCD metering, AE lock available)
Exposure mode	Program AE / Aperture priority AE / Manual exposure
Exposure compensation	Manual exposure compensation (+2.0 to -2.0 EV in 1/3 EV steps) Auto bracket function (-0.5 EV, ±0, +0.5 EV / -0.3 EV, ±0, +0.3 EV)
White balance mode	Auto / Outdoors / Cloudy / Incandescent lamp / Fluorescent lamp / Manual settings / Detail, White balance bracket function
Recording media	SD memory card, SDHC memory card (up to 16 GB), Internal Memory (approx. 54 MB)
Storage capacity/time *1 (with 1GB recording media)	<Still image> RAW (12M): 43, F4000(12M): 207, N4000(12M): 359, RAW3:2 (10M): 49, F3:2 (10M): 234, N3:2 (10M): 405, RAW1:1 (10M): 57, F1:1 (9M): 276, N1:1 (9M): 479, N2364 (8M): 534, N2592 (5M): 839, N2048 (3M): 1313, N1280 (1M): 2323, N640 (VGA): 8632 <Movie> 640x480 (15 frames/sec.): 24 min. 2 sec., 640x480 (30 frames/sec.): 11 min. 59 sec., 320x240 (15 frames/sec.): 46 min. 19 sec., 320x240 (30 frames/sec.): 24 min. 2 sec.
Recording format	<Still image> JPEG (Exif ver2.21), RAW (DNG) <Movie> AVI (Open DML Motion JPEG format compliant)
Shooting mode	Auto shooting mode / Program shift mode / Aperture priority mode / Manual exposure mode / Scene mode (Movie / Portrait / SEA&SEA / Landscape / Nightscape / Zoom macro / Skew correct mode / Text mode) / My settings mode
Other major shooting functions	Cont / S-Cont / M-Cont, Self-timer (operation time: approx. 10 sec. / 2 sec.), Interval shooting (shooting interval: 5 sec. to 3 hr., in increments of 5 sec.), Color bracket, B&W (TE), Noise reduction, Histogram, Grid guide, Electronic level, Hot shoe
Other major playback functions	Auto rotate, Grid view, Enlarged view (maximum 16 times), Resize
LCD monitor	2.7" Transparent amorphous silicon TFT LCD, approx. 460,000 dots
Interface	USB2.0 (High-Speed USB) Mini-B, Mass storage, Audio output 1.0Vp-p (75Ω) / Video OUT
Video signal format	NTSC / PAL
Dimensions (WxHxD)	111.6x58.0x25.0 mm / 4.5x2.3x1.0inch (excluding projecting parts)
Weight	Approx. 208g / 7.3oz (excluding battery, SD memory card, and strap)
Power Source	Rechargeable Battery (DB60) x 1, AAA Alkaline Battery x 2, AAA Oxlyde Battery x 2, AC Adaptor (AC-4c Optional) 3.8V
Shooting capacity	Based on CIPA Standard DB60 usage: approx. 350 pictures, AAA alkaline battery usage: approx. 30 pictures
Operating temperature	0°C to 40°C

*1 The estimated number of pictures that can be recorded or the estimated recording time.

Item	1200HD
	
Image sensor	Effective 12.19 megapixels (total 12.43 megapixels), 1/1.72-inch primary-color CCD
Lens	Focal length (W): 7.3mm, (T): 21.9mm (35mm film equivalent: 35 to 102mm) F-aperture F2.5 (W) to F5.1 (T) Digital zoom 5x
LCD monitor	3.0" Color TFT LCD
Focus type	Auto focus with optical 3.0x zoom Shooting distance: 10cm to 60cm (Macro mode), 60cm to infinity (W), 50cm to infinity (T)
Shutter type	Mechanical shutter and Electrical shutter
Shutter speed	Normal: 2 ~ 1/2000 sec. Night mode: 8 ~ 1/2000 sec.
Exposure control	Programmed AE Compensation: ±2EV (0.5EV steps) ISO sensitivity: AUTO, 100, 200, 400, 800, 1600, 3200
Flash	Mode Auto / Auto & Red-eye reduction / Slow sync. / Fill-in flash / Flash Off Range 0.25 ~ 3.2m (W) / 0.5 ~ 1.8m (T)
White balance	Auto / Daylight / Cloudy / Fluorescent / Tungsten / Sunset / Custom
Still image shooting	Mode Single image, Continuous shooting Image size [14M]: 4344 × 3258 pixels [12M]: 4000 × 3000 pixels [8M]: 3264 × 2448 pixels, [3M]: 2048 × 1536 pixels, [1M]: 1280 × 960 pixels
Red-eye removal	Supported
Face detection	Supported
Image stabilization	Supported
Effect	Normal / B&W / Sepia / Negative
Sharpness	Soft / Normal / Vivid
Metering	TTL-CCD metering: Multi / Spot
Movie shooting	HD Video: 1280x720, TV: 640 × 480, Web: 320 × 240 Frame rate 30 fps (frames/sec.) Zoom Optical zoom up to 3.0x
Photo frame	9 options
Self-timer	10 sec. / 2 sec. / Double (with LED indication)
Voice recording	Recording time: depends on storage capacity Voice memo in still image: max. 10 sec.
Storage	Media Internal memory: Approx. 16MB flash memory External memory: SD / MMC / SDHC (up to 8GB)
File format (still image)	JPEG (DCF), EXIF 2.2, DPOF 1.1, PictBridge 1.0
File format (movie clip)	MOV (MPEG-4 SP)
File format (voice recording)	WAV
Playback function	Still image (Single / Thumbnails / Slide show), Movie clip, Audio clip (Voice recording)
Editing	Trimming / Rotation / Resizing
Interface	USB 2.0, Video-out (NTSC / PAL)
Power source	Exclusive Li-ion battery
Dimensions (WxHxD)	95.4x54.9x23.9mm / 3.8x2.2x1.0inch
Weight	Approx. 136g / 4.8oz

Item	1G
	
Image sensor	Effective 10.01 million pixels (total 10.30 million pixels), 1/1.75-inch primary-color CCD
Lens	Focal length: f=5.1-15.3mm (35mm camera equivalent, 24-72mm) Aperture (F value): F2.5 (wide) - F4.4 (tele) Lens construction: 11 elements in 7 groups Number of aperture blades: 7
Vibration correction function	CCD shift method
Zoom	Optical: 3x (35mm camera equivalent 24-72mm) Digital: 4x (Maximum 12x when combined with optical)
Shooting distance	Approx. 30cm / 12inch - infinity from lens tip (wide and tele)
Macro shooting distance	Approx. 1cm / 0.4inch - infinity from lens tip (wide), approx. 4cm / 1.6inch - infinity from lens tip (tele) Approx. 1cm / 0.4inch - infinity from lens tip (zoom macro mode)
Shutter speed	(Still image) 180, 120, 60, 30, 15, 8, 4, 2, 1 - 1/2000sec (Movie) 1/30 - 1/2000sec
Pixels	(Still image) 3648 × 2736, 3648 × 2432, 2736 × 2736, 3264 × 2448, 2592 × 1944, 2048 × 1536, 1280 × 960, 640 × 480 (Text) 3648 × 2736, 2048 × 1536 (Movie) 640 × 480, 320 × 240
Picture mode	F (Fine) / N (Normal) / RAW
ISO sensitivity (standard output sensitivity)	AUTO, AUTO-HI, ISO80, ISO100, ISO200, ISO400, ISO800, ISO1600
Flash	AUTO, Red-eye reduction, On, Slow synchro, Soft flash, Off Flash range: Approx. 0.2m / 8inch - 5.0m / 200inch (wide), 0.15m / 6inch - 3.0m / 120inch (tele)
Focus	Multi AF, Spot AF, Manual focus, Snap (fixed focus), Infinity
Exposure adjustment	TTL-CCD metering method (AE lock possible): Multi light metering (256 segments), Center-weighted light metering, Spot metering
Exposure compensation	Manual exposure compensation +2.0EV - 2.0 (1/3EV steps) Auto bracket function (-0.3EV, ±0, +0.3EV / -0.5EV, ±0, +0.5EV)
White balance	Auto, Outdoor, Cloudy, Incandescent, Fluorescent, Manual, White balance bracket
Memory type	SD memory card (32,64,128,256,512MB,1GB,2GB), SDHC memory card (4GB), Multi-media card, Internal memory (26MB)
Storage capacity(No. of pictures) (Internal 26MB memory)	(Still image)3648×2736 (Raw: 1, F: 6, N: 11), 3648×2432 (Raw: 1, F: 7, N: 13),2736×2736 (F: 8), 3264×2448 (N: 14), 2592×1944 (N: 22), 2048×1536 (N: 35),1280×960 (N: 62), 640×480 (N: 276)
Storage capacity (time) (Internal 26MB memory)	(Movie)640×480: 30frames/sec. (12sec.), 15frames/sec. (24sec.) 320×240: 30frames/sec. (39sec.), 15frames/sec. (1min.16sec.)
Storage data capacity(Sizes are approximate)	(Still image)3648×2736 (RAW: 14.4MB/screen, F: 3.61MB/screen, N: 2.07MB/screen),3648×2432 (RAW: 12.8MB/screen, F: 3.21MB/screen, N: 1.85MB/screen),2736×2736 (F: 2.71MB/screen), 3264×2448 (N: 1.67MB/screen), 2592×1944 (N: 1.06MB/screen),2048×1536 (N: 672KB/screen), 1280×960 (N: 356KB/screen), 640×480 (N: 83KB/screen)
Recording modes	Still image modes (Still, CONT, S-CONT, M-CONT) / Program shift / Aperture priority / Manual exposure mode / Scene modes (Portrait / SEA&SEA / Landscape / Nightscape / Skew correction / Text / Zoom macro / High sensitivity) / Movie mode / My setting 1 & 2
Recording format	(Still image) JPEG (Exif ver.2.21), RAW (DNG) (Movie) AVI (Open DML Motion JPEG format compliant) (Sound) WAV (Exif ver.2.21 μ law)
LCD monitor display	2.5-inch transparent amorphous silicon TFT LCD (approx. 230,000 pixels)
Self timer	Operation time: approx. 10sec. / approx. 2sec.
Interval timer	Shooting interval: 5sec. - 3 hours (5sec. steps)
PC interface	USB2.0 Hi-Speed (mini-B cable), choice of original or Mass storage driver
AV interface	Audio OUT / Video OUT
Video signal format	NTSC / PAL
Dimensions (WxHxD)	111.6x58.0x25.0mm / 4.4x2.3x1inch (excluding projecting parts)
Weight	Approx. 220g / 7.7oz (excluding batteries, SD memory card and strap)
Battery	Rechargeable battery (DB-60) x 1, optional AC adaptor (AC4c), AAA battery (alkaline / oxyride / Ni-MH) x 2
Shooting capacity	Conforms to CIPA standard Using the DB-60, approx. 340 pictures (Using AAA alkaline batteries: approx 30 pictures)
Operating temperature	0°C - 40°C

Item	DX-2G	DX-1200HD	DX-1G
			
Construction	Polycarbonate	Polycarbonate	Polycarbonate
Depth rating	55m / 180ft	45m / 150ft	55m / 180ft
Dimensions (WxHxD)	158x109x109mm / 6.3x4.4x4.4inch	144.7x97.5x85.1mm / 5.8x3.9x3.4inch	158x109x109mm / 6.3x4.4x4.4inch
Weight	Approx. 510g / 17.9oz (including hand strap)	Approx. 350g / 12.3oz (excluding hand strap)	Approx. 510g / 17.9oz (not including hand strap)
Underwater weight	Approx. -110g / -3.9oz	Approx.	Approx. -110g / -3.9oz

Item	VX-S1
	
Construction	Front/Rear case, Mirror cover, Mirror base: polycarbonate Mirror: acrylic mirror (aluminum evaporation) Grip: corrosion-resistant die-cast aluminum alloy
Depth rating	60m / 200ft
Dimensions (WxHxD)	320x187x225mm / 12.6x7.4x8.9inch (VX-S1 with the mirror open)
Weight	Approx. 3,300g / 116oz

Item	RDX-D60	RDX-450D	MDX-D300	MDX-D40	MDX-PRO D3	MDX-PRO Mark III
						
Construction	Polycarbonate	Polycarbonate	Body: corrosion-resistant aluminum alloy (machined) / anodized body Grip: corrosion-resistant die-cast aluminum alloy	Body: corrosion-resistant aluminum alloy (machined) / anodized body Grip: corrosion-resistant die-cast aluminum alloy	Body: corrosion-resistant aluminum alloy (machined) / anodized body Grip: corrosion-resistant die-cast aluminum alloy	Body: corrosion-resistant aluminum alloy (machined) / anodized body Grip: corrosion-resistant die-cast aluminum alloy
Depth rating	60m / 200ft	60m / 200ft	60m / 200ft	60m / 200ft	60m / 200ft	60m / 200ft
Dimensions (WxHxD)	200x190x139.5mm / 8x7.6x5.6inch	200x190x139.5mm / 8x7.6x5.6inch	330x163x136mm / 13.2x6.5x5.4inch	317x168x137mm / 12.7x6.7x5.5inch	355x220x151mm / 14.2x8.8x6inch	335x220x147mm / 13.4x8.8x5.9inch
Weight	Approx. 2,500g / 87.5oz (Housing only)	Approx. 2,500g / 87.5oz (Housing only)	Approx. 2,500g / 87.5oz (Housing only)	Approx. 2,700g / 94.5oz (Housing only)	Approx. 3,150g / 110.3oz (Housing only)	Approx. 3,150g / 110.3oz (Housing only)

A: Alkaline, O: Oxide, Ni-MH: Nickel-Metal-Hydride

Item	YS-17	YS-27DX	YS-110 α	YS-250PRO
				
Guide Number (ISO 100/m)(land)	14	20	22	32
Beam Angle	70° x 53°	105° x 84°	105° x 105° (with diffuser)	105° x 105° (with diffuser)
Batteries 4 x AA	2xAA ■ A: 3V ■ O: 3V ■ Ni-MH: 2.4V	■ A: 6V ■ O: 6V ■ Ni-MH: 4.8V	4xAA ■ A: 6V ■ O: 6V ■ Ni-MH: 4.8V	Battery for YS-250PRO
Number of Flashes*1	■ A: 200 ■ O: 230 ■ Ni-MH: 400	■ A: 350 ■ O: 420 ■ Ni-MH: 490	■ A: 160 ■ O: 320 ■ Ni-MH: 320	200
Recycle time (full)*2	■ A: 3 sec. ■ O: 3 sec. ■ Ni-MH: 3 sec.	■ A: 2.5 ■ O: 2 ■ Ni-MH: 2	■ A: 2.8 sec. ■ O: 2.8 sec. ■ Ni-MH: 1.8 sec.	1.8
Color temperature	5600K	5500K	5400K	5,600K
Color temperature w/diffuser	5100K	5200K	5100K	5,200K
Depth rating	60m / 200ft	60m / 200ft	60m / 200ft	60m / 200ft
Dimensions(WxHxD)	90x110x140mm / 3.6x4.4x5.6inch	87x122x135mm / 3.4x4.8x5.3inch	88x115x150mm / 3.5x4.6x6inch	107x130x223mm / 4.3x5.2x9inch
Weight	700g / 16.7oz	540g / 19oz	700g / 24.5oz	1,780g / 62.3oz
Underwater weight	-10g / -0.4oz	-40g / -1.4oz	-10g / -0.4oz	-80g / -2.8oz
Others	<input type="checkbox"/> Exposure control: TTL, Light level switch (GN): 7/14 (2 steps) *3 <input type="checkbox"/> Slave TTL function <input type="checkbox"/> Sync cord: Fiber-optic cable (L-type) <input type="checkbox"/> Over-pressure relief valve	<input type="checkbox"/> Exposure control: Light-level control from GN 1.7 to GN 20 (in 9 increments) with a manual controller <input type="checkbox"/> Pre-flash control: Equipped with pre-flash cancel mode (ignores one pre-flash) <input type="checkbox"/> Slave function <input type="checkbox"/> Sync cord: Fiber-optic cable (L-type) for compact digital cameras <input type="checkbox"/> Over-pressure relief valve	<input type="checkbox"/> Exposure control: DS-TTL, TTL, Light level control dial (GN): 1.4 / 2 / 2.5 / 2.8 / 3.5 / 4 / 4.5 / 5.6 / 6.7 / 8 / 11 / 16 / 22 (13 steps) <input type="checkbox"/> Pre-flash control: Equipped with pre-flash cancel mode <input type="checkbox"/> DS-TTL function <input type="checkbox"/> Auto power OFF function <input type="checkbox"/> Sync cord: Sync cord/N, Fiber-optic cable (L-type) <input type="checkbox"/> Over-pressure relief valve <input type="checkbox"/> LED target light	<input type="checkbox"/> Exposure control: TTL, Manual(Light-level control) GN 0.7/1.1/1.4/2/2.8/4/5.6/8/11/16/22/32 (12 steps) <input type="checkbox"/> Pre-flash control: Equipped with pre-flash cancel mode (cancels up to two pre-flashes) <input type="checkbox"/> Slave function <input type="checkbox"/> Sync cord: Detachable sync cord for film & digital SLR cameras, Fiber-optic cable (L-type) for compact digital cameras <input type="checkbox"/> Over-pressure relief valve <input type="checkbox"/> LED target light <input type="checkbox"/> Test flash function <input type="checkbox"/> TTL confirmation lamp <input type="checkbox"/> TTL / READY confirmation audible signal

*1 Number of flashes and recycle time depends on the battery brand, temperature and frequency of use. *2 Number of flashes and recycle time of Ni-MH batteries were tested by 2700mAh batteries. *3 The Guide Number 14 in manual mode is limited only to cameras with built-in flashes without pre-flash function.



SEA&SEA SUNPAK®

SEA&SEA SUNPAK Co., Ltd.

3-2-20 Saiwai-cho, Kawaguchi-shi, Saitama 332-0016, Japan
TEL. +81-48-256-2251 / FAX. +81-48-256-2276

www.seaandsea.jp

- Specifications and external design of products and product features in this catalog may change without notice to improve products.
 - There may be slight differences between actual products and product images in this catalog.
 - The LCD images pictured in this catalog are simulated.
 - The contents in this catalog are current as of November 2008.
 - Company names and products are all trademarks of their respective companies.
 - The use of the photographs, illustrations, and part or all of the text in this catalog without written prior consent is prohibited.
- 2009©SEA&SEA All Rights reserved.

Distributor / Dealer