



The 35mm SLR Photo

SourceBook

Section 2

Underwater Cameras

Nikonos	196-199
Sealife.....	200
Sea & Sea	201-203
Ikelite	204-211
Ewa Marine	212-213

NIKON

NIKONOS V

UNDERWATER

196

35mm Underwater Camera

You'll marvel at the thrill of capturing the underwater world on film with a Nikonos V. The easy answer to quality underwater photography, your first experience with the Nikonos V will show you how easy it is to take great exposures automatically with TTL flash exposure. Pictures come out crisp and colorful, thanks to the optically superb variety of interchangeable lenses that you will want for creative imaging. Oversized, highly visible controls are simple to operate. Right from your very first photo dive, you'll get incredible photographic results and enjoy diving even more. The venerable Nikonos V is the most complete interchangeable lens underwater camera system in the world. With the ability to dive down to 160' and five lenses from fisheye to telephoto, your photos will only be limited by your opportunities and creativity.

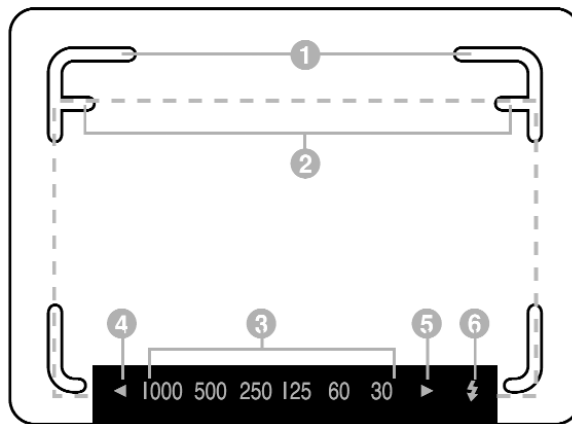


FEATURES

- ◆ A 35mm underwater camera that doesn't require special housing, the easy-to-use Nikonos V features a rugged but compact die-cast body with all joints sealed by O-ring gaskets. This allows it to operate and withstand the pressure at 50 meters (160')
- ◆ Designed for ease of use you can choose Aperture Priority automatic exposure which lets you set the desired aperture while the camera selects the corresponding shutter speed. There is also a Manual mode for complete control.
- ◆ ISO options from 25 to 1600 and shutter speeds ranging from 1/30 to 1/1000 of a second including "M90" for mechanical backup shutter release of 1/90 second, and "B" for bulb.
- ◆ Automatic TTL flash control capability enables error-free underwater flash photography with the optional Nikon SB-104 and SB-105 Speedlights
- ◆ Synchro-sunlight or exposure compensation possible with SB-104 and SB-105 for creating original exposures
- ◆ Complete system includes the SB-104 and SB-105 TTL Speedlight, in addition to optical underwater viewfinders, underwater frame finders, close-up outfits and Nikkor underwater/land-use lenses; these Speedlights also enable TTL multi-flash capability with other Speedlights via Double Flash Bracket and Double Sync Cord.

The Nikonos V's Brain

The Nikonos V uses micro-electronics technology for accurate data analysis and computation as well as for precise operation execution—all aimed at realizing correct exposure. Easy-to-operate aperture priority auto exposure metering, manual exposure metering, performance-proven TTL center-weighted metering, highly advanced automatic TTL underwater flash metering, and quartz-timed accurate shutter speed control on manual.



- 1) Film frame mark
- 2) Parallax compensation mark
- 3) Shutter speed scale
- 4) Over exposure warning mark
- 5) Underexposure/camera shake warning mark
- 6) Flash ready-light mark

1) Denotes the area of coverage with a 35mm lens underwater. Picture coverage is 85% (at infinity) of the actual area, so note that the actual exposed area will be broader than the area covered by this frame. When shooting to within 0.8m of the subject, parallax might cause the subject to fall out of the film area actually shot; to avoid this, you should position the subject image under the 2) mark and within the broken red line.



www.bhphotovideo.com

NIKON

NIKONOS LENSES

UNDERWATER

197

15mm f/2.8N UW-Nikkor IC Lens (NI1528UW)

When the action is fast-moving and your subject is large - such as dolphins - or you want to capture the total feeling of the coral reef, there's the 15mm (underwater use only) lens. It provides incredibly sharp images down to 12", with a 94° angle of view. Optional DF-11 Optical Viewfinder is exclusively designed for use with this lensIMP. 1449.95 /USA 2069.95

20mm f/2.8 UW-Nikkor IC Lens (NI2028UW)

For wide-angle subjects that are difficult to approach, the 20mm (underwater use only) provides a 78° wide view with a larger image magnification capability for dramatic appeal. Great for up-close shooting to 1.3'. Underwater corrected for optimum sharpness. Optional DF-12 Optical Viewfinder helps confirm exact picture coverageIMP. 719.95 /USA 889.95

28mm f/3.5 UW-Nikkor IC Lens (NI2835UW)

The ideal tool for taking close-ups of fish, schools of fish, or other divers. The 28mm (underwater use only) offers a 59° angle of view and focuses as close as 2'. The DF-12 optional Optical Viewfinder can be used with the supplied mounting mask for confirming exact coverage with this lens. Catch a whole school of fish in one shotIMP. 339.95 /USA 449.95

35mm f/2.5 W-Nikkor IC Lens (NI3525UW)

General-purpose amphibious lens. Camera's viewfinder matches lens field of view. Great for all active water sports. Picture angle of 43° at 30' underwater (62° on land). Recommended lens for use with extension tubes for underwater macro photography. 1:4.5 reproduction ratio with close-up outfitIMP. 179.95 /USA 239.95

80mm f/4.0 W-Nikkor IC Lens (NI804UW)

Amphibious telephoto lens that's perfect for close-ups with the Nikonos Close-Up Outfit (1:2 life-size reproduction. Picture angle 22° at 45' underwater (30° on land). Optional DF-10 Optical Viewfinder used for on-land photographyIMP. 339.95 /USA 449.95

UW Close-Up Outfit (NICUKC)

Creative, close focusing tools for intimate portraits of coral reef creatures. Consists of a close-up attachment lens mounted in front of a 28mm, 35mm, or 80mm lens. Three field frames match the area covered by these lenses. A camera-mounted frame support bracket helps determine precise camera-to-subject distance. Variable underwater magnification ratio - 1:6 (28mm), 1:4 (35mm) and 1:2.2 (80mm). Includes a compartment caseUSA 299.95

USA= Imported & Warrantied by Nikon USA

IMP. = Imported & Warrantied by B&H (not qualified for Nikon USA rebates and warranties)



15mm
f/2.8N



20mm
f/2.8



35mm f/2.5



80mm f/4.0

	15mm f/2.8N	20mm f/2.8	28mm f/3.5	35mm f/2.5	80mm f/4.0
Filter Size	86mm	67mm	58mm	58mm	58mm
f/stop Range	2.8-22	2.8-22	3.5-22	2.5-22	4-22
Minimum Focusing Distance	1'	1.3'	2'	2.6'	3.3'
Angle of View	94°	78°	59°	43°	23°
Groups/Elements	9/12	7/9	5/6	5/7	5/5
Length	3.6"	2.9"	1.7"	1.5"	2.6"
Maximum Diameter	3.7"	2.7"	2.4"	2.4"	2.4"
Weight	2.3 oz.	12 oz.	6 oz.	6 oz.	10 oz.

ORDER & INFO. (212) 502-6340 • FAX: (212) 239-7770 (800) 947-7008
1-800-290-6750 • www.bhphotovideo.com



NIKON

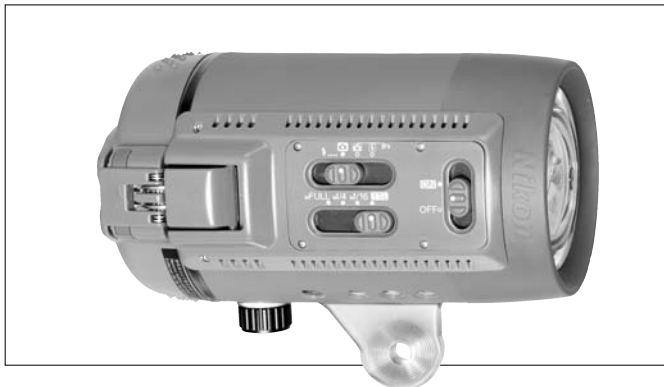
NIKONOS SPEEDLIGHTS

UNDERWATER

198

Perhaps the most amazing experience on a coral reef is witnessing its extraordinary colors. But beneath the waves, colors lose their brilliance and everything takes on a bluish tint. Restore these dramatic hues by using a Nikonos SB-104 or SB-105 Speedlight. Automatic through-the-lens (TTL) flash control enables you to paint the underwater setting with light, rendering a palette of unimaginable colors. The camera's TTL sensor precisely monitors the amount of light reflected off the subject for optimum flash exposure, so there's no need for guesswork or complicated calculations. Manual flash exposure is always available for situations in which photographers want to control the exposure.

SB-104 UW TTL Speedlight



A high-performance flash unit designed to complement the Nikonos V. Underwater guide number 53 at ISO 100 with 100° flash coverage. Fast recycling time of only 3 seconds. Versatile flash controls: choose TTL Auto or manual flash output control (full, 1/4 or 1/16 power.) Powered by optional SN-104 Nicad Battery Pack.

- ◆ Automatic TTL flash control provides optimum flash exposure
- ◆ Powerful Guide Number of 53 (feet at ISO 100)
- ◆ Wide flash coverage, covers picture angle of a 15mm underwater lens
- ◆ Take it to the extreme. Rugged design allows the SB-104 to withstand pressure at 320 feet
- ◆ Wireless slave flash capability lets you use a second SB-104 for added dimension and power that is so critical during close up photography
- ◆ Measures 8.7 x 4.9" and weighs 70 oz (18 oz. underwater) without batteries
- ◆ Full range of accessories provide total flash control
- ◆ Optional (required) SN-104 Nicad Pack provides up to 120 full power flashes with quick recycle time of 3 seconds at full power. SH-104 Nicad Charger can charge two SN-104 packs at one time. Quick charges each battery in two hours. Runs on 110v/220v 50Hz/60Hz AC.

SB-104 UW TTL Speedlight Set (NISB104)

Includes a SK-104A Standard Arm, SK-104B Standard Bracket, UW Sync Cord, O-Ring Set and a 1-Year Warranty**1199.95**

SB-104 UW TTL Speedlight - Flash Head Only (NISB104H)

Includes a 1-Year Warranty**999.95**

SB-105 UW TTL Speedlight



An affordable underwater flash for the Nikonos V, the SB-105 is a medium powered TTL unit with 70° coverage. It features automatic TTL flash control for perfect exposures, has 3 manual settings (full, 1/4 or 1/16 power), recycles quickly, and gives approx. 120 firings per set of batteries. Supplied with battery holder, flash adapter, O-ring set, UW Sync cord, mounting bracket set. Requires 4 AA batteries.

- ◆ Automatic TTL flash control provides optimum flash exposure
- ◆ Guide Number is 33 in (feet at ISO 100) underwater
- ◆ Rugged design allows the SB-105 to withstand the pressure at 320'
- ◆ When used with the supplied SW-103 Wide Flash Adapter, it covers the picture angle of a 15mm lens.
- ◆ Wireless slave flash capability lets you use a second SB-105 for added dimension and power that is so critical during close up photography
- ◆ Full range of accessories including sync cords and brackets provide total flash control
- ◆ Measures 3.9 x 5.1 x 7.1" and weighs 61 oz. (5.3 oz. underwater) without batteries

SB-105 UW TTL Speedlight Set (NISB105)

Includes an MS-105 AA Battery Holder, Arm, Bracket, Joint, UW Sync Cord, Cord Fastening Hanger, Wide Flash Adapter SW-103, O-Ring Set, Exposure Calculation Chart and 1-Year Warranty**CALL**

SB-105 UW TTL Speedlight - Flash Head Only (NISB105H)

Includes an SW-103 wide adapter**CALL**



EQUIPMENT LEASING AVAILABLE

NIKON

NIKONOS ACCESSORIES

SK-104 Mounting Bracket Set (NISK104):
Connect an SB-104 Speedlight to a Nikonos camera. Consists of an SK-104A Flash Arm and an SK-104B Flash Bracket**209.95**



SK-104A Flash Arm (NISK104A):
Holds a Nikonos SB-104 Speedlight. Use with a Flash Bracket SK-104B or a Double Flash Bracket SK104W**132.95**

SK-104B Flash Bracket (NISK104B):
For Nikonos SB-104 and SB-105. Use with Flash Arm SK-104A/SK-104C**99.95**

SK-104W Double Flash Bracket (NISK104W):
For SB-104 and SB-105. It allows two flash units to be used simultaneously. Use with SK-104A or SK-104C Flash Arms**224.95**

SK-104C Flash Arm (NISK104C):
Used to attach an SB-104 Speedlight to an SK-104B Flash Bracket or SK-104W Double Flash Bracket**119.95**

SK-104E Extension Arm (NISK104E):
For Nikonos SB-104. This 10" extension arm improves flexibility and increases reach. Use with Flash Arm SK-104A**199.95**

Supporting Arm for SB-105 (NISASB105):
A replacement arm that is used to hold a Nikonos SB-105**119.95**

Mounting Bracket for SB-105 (NIBSB105):
The Supporting Arm for the Nikonos SB-105 attaches to this bracket**34.95**

Arm Joint for SB-105 (NIAJSB105):
Used to attach a Nikonos SB-105 to a Nikonos arm**74.95**

Double Flash Bracket (NIBDSB105):
Allows two SB-105 flash units to be used simultaneously. Requires Nikonos Supporting Arms**149.95**

10" Extension Arm (NIEASB105):
For the SB-105. Improves flexibility and increases reach**99.95**

SC-SB105 Single UW TTL Sync Cord (NISCBS105): Connects a Nikonos SB series strobe to a Nikonos camera **79.95**



SC-100



SC-102

SC-100 Double TTL Sync Cord (NISC100):
For SB-104 and SB-105. It allows two flash units to be used simultaneously**149.95**

SC-101 TTL Sync Cord (NISC101):
Single UW openwater sync cord connects to SB-104/105 (requires SC-103 Cord)**124.95**

SC-101 TTL Sync Cord Set (NISC101S):
Allows SB-104 and SB-105 Speedlights to be charged underwater, TTL only underwater. Use with Nikonos V and Connecting Cord SC-103 (included)**258.50**

SC-102 Double TTL Sync Cord (NISC102):
For SB-104 and SB-105. Allows two flash units to be used and charged simultaneously, TTL only underwater. Use with Nikonos V and Connecting Cord SC-103**169.95**



TTL Cord

SC-103 Connecting Cord (NISC103):
For SB-104 and SB-105. Allows two flash units to be charged underwater. For Nikonos V and SC-101 or SC-102 sync cords**146.95**

Nikonos SC-102/103 Set (NISC102S):
Includes SC-102 Double TTL Sync Cord and SC-103 Connecting Cord**299.95**

TTL Cord (NISCNUWSB103):
For Nikonos V (for use above water only). Allows conventional flash units to be used in TTL setting. For all flash units with ISO-flash mount**CALL**

Nicad Battery Pack for SB-104 (NISN104):
Fully charges in 2 hours with the SH-104 charger**129.95**

SH-104 Nicad Battery Charger for SN-104 Battery Pack (NISH104)269.95

Aquatica Flash Mount Adapter for Nikonos SB-104 (AQFMANSB104):
Used to attach a Nikonos SB-104 to an Aquatica TLC lower arm section**33.50**

Aquatica Flash Mount Adapter for Nikonos SB-105 (AQFMANSB102):
Used to attach an SB-105 to Aquatica TLC arm system **37.95**

Aquatica Ball Head Flash Mount Adapter for Nikonos SB-105 (AQFMABNSB102):
Attaches a Nikon SB105 to an Aquatica TLC arm system**44.95**

UNDERWATER

199

VIEWFINDERS

DF-10 Non-UW Viewfinder (NIDF10): A non underwater viewfinder is used on a Nikonos camera when using the 80mm lens on land. Setting the distance on the viewfinder will compensate for parallax**IMP. 89.95 /USA 99.95**

DF-11 UW Viewfinder (NIDF11): The DF-11 underwater viewfinder is used on a Nikonos camera when using the 15mm wide angle lens**IMP. 279.95 /USA 299.95**

DF-12 UW Viewfinder (NIDF12):
The DF-12 underwater viewfinder is used on a Nikonos camera when using the 20mm f/2.8 UW and 28mm f/3.5 UW wide angle lenses**IMP. 179.95 /USA 199.95**

USA= Imported & Warrantied by Nikon USA
IMP. = Imported & Warrantied by B&H
(not qualified for Nikon USA rebates and warranties)



**ORDER & INFO. (212) 502-6340 • FAX: (212) 239-7770 (800) 947-7008
1-800-290-6750 • www.bhphotovideo.com**



SEALIFE

REEFMASTER CAMERAS

UNDERWATER

200



SL515 Reefmaster RC (SERMRC)

Operational up to 164', all the SL515 requires are two AA batteries and regular 35mm film. It features a wide angle lens, big sports viewfinder, large shutter lever (for easy use with gloves), automatic winding and a multi-coated 35mm f/3.5 optical glass lens with auto-focusing. The special "coral flash" compensates for the blue effect on closer objects but leaves the aqua blue color of the water untouched.

The unbreakable rubber housing protects from bumps and drops and provides a non-slip grip beneath the surface. The compact 35mm inner camera can be removed for use on land129.95



SL545 SportDiver II (SESD2)

The most affordable underwater camera rated to 100' depth. Made of unbreakable Lexan, it features easy to use, one-button operation, and a large top-mounted sports finder. Compact and lightweight, it can be used while diving, snorkeling or for watersports. The inner camera has a built-in flash, slides out of the deep dive shell for land use, and fits into a shirt pocket.

Opening and closing of the Sealife Camera is easy and safe. All parts are replaceable, interchangeable, and upgradeable99.00

REEFMASTER CAMERA KITS

SL511 Reefmaster RC Underwater Camera Kit (SERMMK)

Developed by divers for divers, this kit features the ReefMaster RC camera which takes beautiful underwater and land pictures. It has a one step "Push Here" shutter lever for easy operation, an unbreakable rubber housing that locks out water and provides a non-slip grip beneath the water. A built-in a color corrected "coral flash" compensates for the blue effect on closer objects but leaves the aqua color of the seascape untouched. Operational up to 164', the ReefMaster RC camera requires are two AA batteries and regular 35mm film. The kit includes a water-tight carrying case, "Moisture Muncher" anti-fog desiccant, "Great Pictures Made Easy" booklet, a Macro 3x Close-up Lens and Underwater Filter which fits easily onto the camera's lens for close-up photos within 2 to 4' underwater. The lens is multi-coated to reduce excessive intensity and will improve pictures in low visibility water without the use of an additional strobe. The water-tight, shockproof case carry case includes a foam insert for accessories189.95



SL560 Pro Dive Camera Kit (SERMP)

The SL560 Kit includes everything a diver needs to document underwater adventures. Operational up to 164', the 35mm Reefmaster RC camera features a wide angle lens, big sports viewfinder, large shutter lever, automatic winding and a color correcting flash. The kit includes a large External Flash unit for brighter pictures with more vivid colors, a Macro 3x Close-up Lens and Underwater Filter, a Care Kit, a deluxe carrying case, and a "Great Pictures Made Easy" booklet. The lens slips onto the camera for close-up photos within 2 to 4' underwater and 10" on land. The multi-coated lens enhances red and yellow color and reduces excessive blue color while providing exceptional clarity. The lens coating also reduces the possible over exposure of the ReefMaster cameras' built-in flash at close distances. The External Flash unit is positioned 12" from the camera's lens, and a deflector covers the camera's built-in flash, to reduce annoying backscatter.....339.95



REEFMASTER ACCESSORIES

SL960 External Underwater Flash (SESL960)

An easy-to-use underwater strobe light that enhances picture quality and brings out the natural color of the underwater world. It has a distance range from 2 to 8', and a rubberized flexible arm for easy aiming and a sure grip. Mounts easily to all SeaLife cameras...179.95



Macro Set (SEMCRM)

This set includes a 16x and 8x macro lens and the macro "wand". The wand is an extendable guide to keep the correct distance from the camera to the object. The lenses easily snap on and off, and are changeable underwater.....89.95

Macro 3X Close-Up Lens and UW Filter (SEM3XRM)

The lens weighs only 2 ounces and slips onto the camera for close-up photos within 2 to 4' underwater and 10" on land. It enhances red and yellow colors and reduces excessive blue in the photographs.34.95



ONE HOUR FREE PARKING
AT 349 W. 34th STREET (with purchase of \$100 or more)

SEA & SEA

MX-5II

All Weather Camera

A stylish ready-to-shoot camera for the casual shooter, the MX-5II is a compact amphibious camera engineered to make taking pictures fun and easy. It's rugged, reliable and built for the rigors of outdoor life. Take it diving, snowboarding, snorkeling and rafting. It has a built-in focus-free 28mm optical lens that captures sharp pictures both on land and underwater. It's hassle-free with auto film load, advance and rewind plus a built-in flash that fires automatically when extra light is needed for a good exposure. Ultra-light and ultra easy to use, add the optional accessory close-up lens and strobe and you have a versatile system that takes great snapshots wherever your adventurous spirit takes you.



UNDERWATER

201

FEATURES

- ◆ Taking pictures is as easy as 1-2-3. You don't have to set aperture, distance or shutter speed. Built-in "smart" flash fires when you need more light for a proper exposure, won't when you don't.
- ◆ Sportsfinder helps properly frame your subject. Doubles as a lens protector when folded down for storage.
- ◆ Back door is O-ring sealed, protecting battery compartment and film chamber.
- ◆ Strobe ready light is located next to the viewfinder, visible even while composing your next shot.
- ◆ Power On/Off switch also functions as a lock for the Sportsfinder when not in use.
- ◆ Wide-angle 28mm f/9 glass lens captures sharp underwater images. Exterior mount accepts the optional close-up lens.
- ◆ The LCD panel displays low battery warning, frame counter, film load confirmation, and flash indicator.



YS-20A Automatic Strobe (SEYS20A)

Designed exclusively for use with the MX-5II, the YS-20A strobe is lightweight, cordless and fully automatic. Connector shoe mounts the strobe to the camera without cords or cables—no chance of leakage. State-of-the-art infra-red optical triggering synchronizes the strobe with the camera shutter. Built-in sensor controls strobe output. The YS-20A will deliver the right light for crisp pictures with brilliant color. Included deflector pivots into position over the built-in flash. Uses 2 AA alkaline (150 flashes) or nicad (75 flashes) batteries with a recycle time of 6 seconds. It measures 3.9 x 3.3 x 6.3" (LxWxH) and weighs 0.75 lbs. (land, excluding batteries). Guide

number is 40 (on land) and depth rating is 150'215.00

Close-Up Lens for MX-5II (SECULMX5)

The Close-up Lens screws onto the front of the built-in lens and instantly reduces your minimum focusing subject-to-camera limit from 27" to 14". Now you can take full-frame pictures of cuttlefish, anemones, eels, and other small critters. Built-in diffuser minimizes backscatter. Parallax correction guide helps frame your picture perfectly. It can be attached or detached underwater, so you have the freedom of using both close-up and wide angle lenses on the same dive. Focusing distance is 20", depth rating is 150'44.95



MX-5 II Camera (SEM52BL)

With two AA batteries, O-ring set, case and hand strap. Blue color164.95

MX-5 II Camera (SEM52SYK)

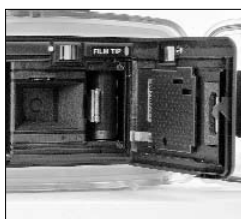
Same as above in Yellow color164.95

MX-5 II Camera Kit (SEM52SBLK)

Includes a YS 20A Flash, two 1.5-volt "AA" alkaline batteries, O-ring set, case, hand strap and a 1-Year warranty. Blue color389.00

MX-5 II Camera Kit (SEM52SYK)

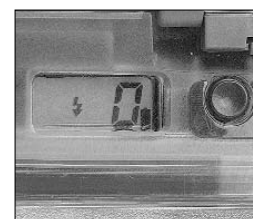
Same as above in Yellow color389.00



Back door is O-ring sealed, protecting battery compartment and film chamber.



Power ON/OFF switch also functions as a lock for the Sportsfinder when not in use.



The LCD panel displays low battery warning, frame counter, film load confirmation, and flash indicator

ORDER & INFO. (212) 502-6340 • FAX: (212) 239-7770 (800) 947-7008
1-800-290-6750 • www.bhphotovideo.com



SEA & SEA

MOTOR MARINE III

UNDERWATER

202

The new generation of Motor Marine is more rugged and offers more controls than ever before. This sophisticated amphibious camera has a built-in 20mm lens. It is designed to meet the needs of the amateur and experienced underwater photographers. With features like two point focus for fast reliable focusing and a target light for accurate framing, the Motor Marine III is a perfect choice for the beginning photographer.

Advanced features like strobe bracketing control and push-button shutter speed control provide creative freedom for the experienced photographer. All the controls of the Motor Marine III are on the top or back of the camera making them easier to read and operate.

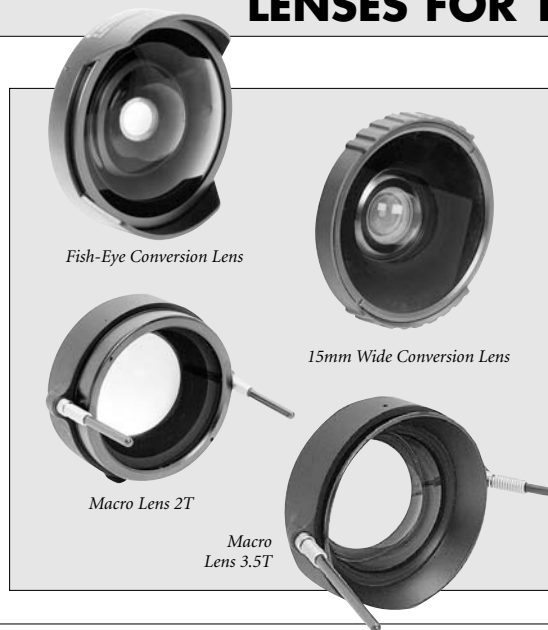
The size and ease of use makes this camera ideal for activities that call for ultimate protection from the elements.



- ◆ LCD illumination is available for use in dark water or during night diving. It turns on for 10 seconds when the shutter release button is half-pressed and turns off when the button is fully pressed.
- ◆ By turning the Strobe Bracketing Dial (-1, -2/3, -1/3, 0, +1/3, +2/3, +1), you can manually adjust the value of EV compensation
- ◆ A target light turns on for 5 seconds when the shutter release button is half-pressed and automatically turns off when the button is fully pressed. The target light can be disabled when not needed.
- ◆ Ergonomically designed aperture dial permits operation while holding the camera. Six aperture levels (F3.8, F5.6, F8, F11, F16 and F22) are selectable.
- ◆ 2-point focusing allows you to choose either infinity or 0.6m (close) focusing. Depth of field (f5.6) at point (infinity) "∞" is 0.7m~∞. Depth of field (f5.6) at point (close) 0.6m is 0.4m~1m.
- ◆ Industry-standard 5-pin N-type strobe connector accepts most of the Sea & Sea strobe models. Dual-strobe photography is possible with an optional adapter.
- ◆ Pressing the Shutter Speed/AE Button for 2 seconds automatically turns on the Aperture Priority mode. If your choice of aperture is beyond the range of the film, the camera will give a warning and an aperture correction can be made up or down as needed.
- ◆ The camera automatically shuts off power when not used for 30-seconds after being turned on. Power can be turned on again by half-pressing the shutter release or turning the power switch off and on.

Motor Marine III (SEMM3)\$899.00

LENSES FOR THE MOTOR MARINE III



Fish-Eye Conversion Lens (SEFLMM3)

This fish-eye lens has a 12.5mm focal distance and a focal distance magnification of 0.6x. It has a depth rating of 600', and a simple bayonet mount which is exchangeable under water. The minimum focusing distance is 15cm (at f22). It has a 150° underwater coverage angle with peripheral distortion correction\$989.95

15mm Wide Conversion Lens (SE15MM3)

Featuring a simple bayonet mounting that makes it changeable in water, this lens has a minimum focusing distance of 8.7" (at f22), and a 101° underwater coverage angle with peripheral distortion correction\$374.95

Macro Lens 2T (SEML2TMM3)

An underwater macro lens with a picture area of 74 x 50mm. Framer bars conveniently detach for easy transportation. Simple bayonet mounting, changeable in the water\$233.95

Macro Lens 3.5T (SEML3.5TMM3)

Same as above with a picture area of 130 x 88mm\$189.95



www.bhphotovideo.com

SEA & SEA

MOTOR MARINE III

Multi Viewfinder for MMIII (SEVFMM3)

Designed for MMIII, this viewfinder is required when you use a wide conversion lens. The 15mm/20mm scale and center position are clearly visible through a diving mask. Coverage ratio is 85%. Dimensions are 2.5 x 2.3 x 2.4", and it weighs 4.4 oz. on land**208.95**



Fish-Eye Viewfinder (SEFWMM3)

Constructed from corrosion-resistant aluminum, this viewfinder has a coverage ratio of 85% and a depth rating of 200'. Dimensions are 3.1 x 2.7 x 3.5". It weighs 14.8 oz. on land, 7.9 oz. underwater**194.95**



MB-60 Camera Case

This O-Ring sealed hard shell case together with the custom fitted foam protect and organize the Motor Marine III and accessories securely. Outer dimensions are 20.7 x 15.8 x 8". It's inner dimensions are 18.2 x 13.5 x 7.2"**Call**



Lens Caddy for MMIII (SELCMM3)

Attaches to the optional Sea Arm VI by means of a velcro strap, and can carry one conversion lens for Motor Marine III**62.95**

MM III STROBES & ACCESSORIES

YS-30 II TTL Duo (SEYS302)

A compact TTL strobe with over-pressure relief valve for safety. Small size makes it ideal in confined environments like caves or macro photography where the strobe must be close to the subject. Mounts on multi-strobe rings for multi-strobe photography**347.50**

YS-60 TTL-N Strobe (SEYS60BN)

Mid-size strobe brings out natural colors underwater. Offers TTL exposure control and manual mode. Built-in prism diffuser delivers even coverage for wide angle, close-up and macro photography**469.95**

YS-90 TTL Duo Strobe (SEYS90)

A powerful strobe with a 105° angle of coverage. It offers TTL exposure control and manual mode**418.50**

YS-120TTL Duo Strobe (SEYS120G)

Incorporates duo circuitry, 105° angle of coverage and a short recycle time. Compact size makes it perfect for travel**679.95**

YS-350TTL Pro Strobe (SEYS350BN)

Professional quality underwater flash. Offers TTL exposure control and manual mode. It has a target light in the center of the circular flash tube which makes it easy to aim the light**999.95**

Dual 5-Pin Sync Cord N (SESCDNQ)

Used to connect two strobes with the MMIII. Will not work with the YS-60**154.50**

5-Pin Sync Cord N (SESCNYS120)

Used to connect one strobe to the MMIII. Will not work with the YS-60**93.50**

Sea Arm VI Set (SESA6S)

Constructed of fiberglass-reinforced resin, the Sea Arm VI is a lightweight, yet strong arm. With the included components, you can create a custom arm setup for your lighting needs. It is suitable for all strobes**187.95**



	YS-30 II TTL	YS-60 TTL-N	YS-90 TTL DUO	YS-120 TTL DUO	YS-350TTL
Guide Number	20	22	22	22	32
Beam Angle	80° x 55°	105° x 95°	105° x 95°	105° x 105°	105° x 105°
Flashes/Ni-MH battery	350	260	260	320	120
Recycle Time/Ni-MH battery	2 seconds	3 seconds	3 seconds	2 seconds	4 seconds
Exposure Control	FULL	FULL, 1/2	FULL, 1/2	FULL, 1/2	FULL, 1/2, 1/4
Color Temperature	5900° K	5400° K	5400° K	5100° K	5500° K
Depth Rating	200'	200'	200'	200'	200'
Flash Modes	TTL/Manual	TTL/Manual	TTL, Auto 1 (Normal), Auto 2 (Pre-flash)	TTL/Manual	TTL/Manual
Power Source	2 AA batteries	4 AA batteries	4 AA batteries	8 AA batteries	Exclusive Ni-Cd battery
Dimensions	3.8 x 2.8 x 5.2"	4.4 x 3.5 x 6.4"	3.5 x 4.5 x 6.9"	4 x 4 x 7.3"	5.9 x 5.7 x 7.6"
Weight, land	1.1 lbs.	1.7 lbs.	1.6 lbs.	2.9 lbs.	4.4 lbs.

ORDER & INFO. (212) 502-6340 • FAX: (212) 239-7770 (800) 947-7008
1-800-290-6750 • www.bhphotovideo.com



IKELITE

SLR-AF • SLR-MD

UNDERWATER

204

Underwater Housings for SLR Cameras

Ikelite's SLR cases have evolved into a classic providing dependable performance for over 25 years. They are probably the safest enclosure money can buy, and provide optical capabilities equal to anything. An assortment of interchangeable lens ports allow use of most macro, wide angle, and zoom lenses. They are also a part of a full system of TTL strobes, mounting systems, and accessories. The Ikelite SLR-AF and SLR-MD housings are "Clearly Superior" and allow visual assurance that the system is safe with a clear view of the camera information and control functions. The housings are injection molded of clear polycarbonate for its superior strength and corrosion-free properties, and operate safely to 200' working depth.

The housings are sized and weighted for near neutral buoyancy and superb handling underwater. Camera installation is quick and simple. The dependable controls are conveniently placed at your fingertips, and kept water tight with Ikelite pioneered Quad-Ring seal glands proven to be the most reliable method for sealing controls.



FEATURES

Easy-to-Use

- ◆ Ikelite housings are a joy to use. Their dependable, easy-to-operate controls are conveniently placed at your fingertips.
- ◆ Camera installation is quick and easy.
- ◆ Housings are sized and weighted for near neutral buoyancy offering stability and superb handling underwater.
- ◆ Ikelite housings operate safely to 200' and have proven to be the safest enclosures money can buy.

Easy-To-Use Controls

- ◆ Dependable, easy-to-operate controls are conveniently placed at your fingertips and kept water tight with Quad-Ring seal glands.
- ◆ Ikelite pioneered the quad-ring seal gland and it has proven to be the most reliable method for sealing camera controls in underwater housings.
- ◆ Ikelite's mechanical controls offer several advantages over electronic controls—the leading one being dependability.
- ◆ Thousands of Ikelite controls are in use with a performance record that approaches perfection. Mechanical controls allow the housing to feature more control functions resulting in a wider range of creative possibilities.

Instant Visual Inspection

- ◆ Ikelite housings are unique in that they allow visual inspection of camera, control functions, and all sealing surfaces - offering visual insurance your system is safe.
- ◆ Housings are injection molded polycarbonate for exceptionally strong and corrosion-resistant performance.

SLR-AF Housing

- Utilized for most SLR-AF cameras
- ◆ Compact-sized housing features clear polycarbonate body with black contoured back
- ◆ Measures 11 x 5.5 x 8" (LxWxH), the removable aluminum tray 14.5"
- ◆ Weighs 7.8 lbs. for near neutral buoyancy underwater

SLR-MD Housing

- Required for some larger SLR cameras
- ◆ MD housing is molded of clear polycarbonate
- ◆ Measures 10.5 x 6 x 8" (LxWxH), the removable aluminum tray 14.
- ◆ Weighs 10 lbs. for near neutral buoyancy underwater

Included with the Housings:

Super-Eye Magnifier:

Secures to the camera eyepiece and offers enhanced viewing while wearing a diving mask.

Aluminum Tray:

The removable aluminum tray features two mounts for Ikelite strobe arms

Release Handles:

Rubber hand grips features Ikelite's quick-release system for easy mounting and removal of accessories with the push of button.

TTL Strobe Connection:

External Ikelite TTL connector and internal TTL hot-shoe for the camera.

Interchangeable Port System:

Easily interchangeable ports accommodate most lenses. (No ports are included)



For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549

IKELITE

DOME PORTS

The Ikelite dome is injection molded specifically for underwater photography, and represents the finest optics in the industry. Molded by one of the world's leading optical lens manufacturers, the dome corrects for water refraction to maintain the same coverage angle underwater. The dome functions as an optical lens underwater to create an image of the subject that appears much closer than the actual subject. The camera lens focuses on this apparent image of the subject. Recommended for wide angle lenses from 17mm to 28mm, and short zoom lenses. Zoom lenses require a +4 diopter close-up lens. Wide angle lenses will focus at 12" and do not require the addition of any close-up lens when used in a dome port.

(Note: Maximum lens diameter is limited to 3.3". The diameter for attachment of zoom or focus clamps is limited to 2.8". Lens length is measured as the maximum extended length from attachment point on the camera body. Only zoom lenses with rotating barrel control for zoom can be used. Push-pull zoom control can not be operated. Manual focus zoom lenses are not recommended.)



Dome Port

Lens length less than 3" (IK5503)	139.95
Lens length less than 4" (IK5503.50)	139.95
Lens length less than 4.5" (IK5503.55)	139.95
Lens length less than 5" (IK5503.80)	139.95
Lens length less than 6" (IK5503.85)	124.95
For Nikon 20mm f/2.8D lens (IK5503.20)	157.95
For Nikon 28-105mm f/3.5-4.5D lens (IK5503.81)	159.95



Flat Ports

Due to refraction, flat ports reduce the angle-of-coverage of a lens and at the same time enlarge the image. This makes the flat port ideal when using standard, macro and telephoto lenses to shoot small objects.

Lens length less than 2.5" (IK5501)	84.95	Lens length less than 5.1" (IK5505.45)	106.50
Lens length less than 3.5" (IK5502)	84.95	Lens length less than 5.5" (IK5505.5)	106.50
Lens length less than 4.1" (IK5502.41)	106.50	Lens length less than 6.1" (IK5505.58)	106.50
Lens length less than 4.5" (IK5505)	106.50		

Flat Ports with Focus

For long lenses whose focus collar extends beyond the housing focus. Telephoto lenses longer than 135mm are not recommended.

Lens length less than 4.5" (IK5506)	139.95	Lens length less than 6.5" (IK5507)	139.95
Lens length less than 5.5" (IK5506.5)	139.95	Lens length less than 7.5" (IK5508)	139.95
For the Nikon 105mm Micro-Nikkor lens only (IK5508.05)	148.95		
For the Canon 100mm f2.8 EF USM Macro lens only (IK5508.45)	148.95		

UNDERWATER

205

Super-Wide Dome Port

For lenses with a length less than 2.5", and 110 to 170° angle of coverage. This port does not allow use of a port shade, and is not compatible with the SLR-MD housing due to vignetting (IK5503.15).....139.95



AUTO 35 HOUSING WITH 35mm CAMERA

Compact, lightweight and trouble-free, the Auto 35 system is a full frame motor drive 35mm camera that delivers high quality photographs up to 125' underwater—safely and automatically. A well designed rugged system, not just a colorful "point and shoot" camera, the maintenance-free housing includes a special internal lens for optimum photos underwater as close as 2' from the housing. The Auto 35 also features a built-in hand grip with lanyard, accessory shoes, and sportsfinder for easy framing.

- ◆ Motorized film advance and rewind
- ◆ Built-in flash with automatic flash on/off
- ◆ DX coding
- ◆ Fixed-focus 28mm wide angle glass lens
- ◆ Accepts ISO 100, 200 & 400 film
- ◆ Removable point & shoot camera for land use

Auto-35 Housing with 35mm Camera (IKA35)

Includes sports finder, wrist lanyard and a 1 year warranty.....129.95

Auto-35 Package (IKA35K)

Includes Substrobe A35 with mounting tray, hand grip, adjustable arm and flash deflector, Macro Kit with framer, travel bag, sports finder and wrist lanyard299.95

ORDER & INFO. (212) 502-6340 • FAX: (212) 239-7770 (800) 947-7008
1-800-290-6750 • www.bhphotovideo.com



IKELITE

SLR CASES FOR NIKON & CANON

UNDERWATER

206



TTL SLR-AF Case for Nikon N90, N90s, F90, F90s, F90x (IK6729.1)

The N90 has proven to be one of the most adaptable cameras to an underwater housing. The input dial (top right on body) is controlled by your thumb without removing your hand from the housing handle. A control knob can be turned to keep the focus lock button on the front of the camera body depressed. This is more convenient than operation of the MSC switch which also requires changing a focus switch on some lenses, and disengaging any manual focus gearing in a housing. The mode, drive, ISO, and flash-sync buttons on top left of camera body are operated by a single control which can be turned to keep any button depressed. Separate controls provide Ps, exposure compensation, and the LCD panel light. The auto focus/shutter release control also allows turning the camera on or off**639.95**

TTL SLR-MD Case for Nikon F100 (IK6710)

Controls are provided for auto focus/shutter release, on/off, mode, +/- exposure compensation, front input dial, rear input dial, bracket flash, CSM, AF on, AF Lock, AE Lock and zoom and aperture**807.50**

TTL SLR-AF Case for Nikon N80, F80 (IK6728.8)

This TTL SLR-AF Case has controls for on/off power switch, zoom, shutter release, exposure compensation +/- button, flash exposure compensation +/- button, main command (rear) dial, sub-command (front) dial, AE-L/AF-L button, auto exposure bracket button, flash sync button, and the exposure mode dial.....**629.95**

TTL SLR-AF Case for Nikon N8008, N8008s, F801, F801s (IK6728.1)

Controls are provided for auto focus/shutter release, auto focus lock, command dial, on/off, exposure compensation, mode, ISO, drive, ME, matrix meter, zoom and aperture.....**639.95**

TTL SLR-AF Case for Nikon N70, F70 (IK6727)

Controls for auto focus/shutter release, command dial, on/off, focus area, function button, vari-program, set button, zoom and aperture.....**639.95**

TTL SLR-AF Case for Nikon N65, F65 (IK6726.5)

Controls for shutter release, rear command dial, aperture and exposure compensation buttons, auto focus, on/off, BKT, mode, and zoom**598.50**

TTL SLR-AF Case for Nikon N60, N60-QD, F60 (IK6726.1)

Controls for shutter release, command dial, aperture and exposure compensation buttons, exposure mode dial, and zoom**639.95**

TTL MD-size Housing for Nikon N6006, F601 (IK6726)

Controls for auto focus/shutter release, command dial, exposure compensation, on/off, shift button, meter button, zoom and aperture**639.95**

TTL SLR-AF Case for Nikon N50, F50 (IK6725)

Controls for auto focus/shutter release, on/off, advanced/simple, mode buttons, shutter speed, exposure compensation, zoom and aperture.....**619.95**

TTL SLR-AF Case for Canon Cameras

TTL SLR-AF Case for EOS Elan 7, 7e, 30, 33 (IK6777.7): Controls for auto focus/shutter release, custom function button, function button, main dial, quick dial, command dial, and zoom.....**629.95**

TTL SLR-AF Case for EOS Elan II, IIe, 100II, 55, 50, 50e (IK6777): Controls for auto focus/shutter release, focus point, custom function AE lock buttons, function button, main dial, quick dial, command dial, meter mode, and zoom**639.95**

TTL SLR-AF Case for EOS Rebel G, Rebel G Date, X, XS, 500, 500N, and 500NQD (IK6773): Controls for auto focus/shutter release, input dial, command dial, exposure compensation, manual aperture button, and zoom.....**639.95**

TTL SLR-AF Case for EOS Rebel, 2, 2S, 1000, 1000F, 1000N, 1000FN (IK6772) Controls for auto focus/shutter release, input dial, command dial, exposure compensation, manual aperture button, and zoom**639.95**



For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549

IKELITE

SUBSTROBES

The underwater environment presents unique lighting challenges. Only a portion of the sun's rays penetrate the water. As they lose intensity with depth, the colors lose vibrancy and blend together. After reds fade, followed by oranges and yellows, photographic images are left with a blue-green cast. Illuminate the colors in your subjects with an Ikelite Substrobe so you can perceive and record the full beauty and spectrum of marine life.

Substrobe DS50



The DS-50 is compatible with all film cameras including the Nikonos. It features the best price, recycle time (3.5 seconds), and most flashes per set of batteries in its class. Offers both TTL and manual exposure. Operates TTL when connected with appropriate sync cord to applicable cameras or housing; or utilized with

Ikelite's wireless TTL Slave Sensor system.

The DS-50 provides ten power settings in half/stop increments when connected to the optional Manual Controller (see next page). This compact strobe provides 50 w/s of power with coverage for 28mm lenses. Add the included diffuser for wider coverage and softer lighting. Combine several to cover very wide angle lenses with minimal illumination of particles suspended in the water. Powered by 4 AA alkaline, NiMH or nicad batteries

Substrobe DS50 (IK4043): Orange299.95

Substrobe DS50 (IK4044): Gray335.95

Substrobe 50s (IK404.35)

The Substrobe 50s is a manual exposure, manual slave version of the DS50. Strobe specifications and basic features are the same, except the 50s fires only full power manual exposure triggered by a built-in slave sensor or via optional sync cord**Call**

Substrobe 100a (IK4046.1)

The versatile Substrobe 100a is a powerful medium-sized strobe with an adjustable coverage from 80° to 95°. A turn of the knob provides optimum coverage for a full range of lenses from 15mm to macro. The adjustable coverage eliminates the need for a diffuser that would reduce the light output by one f-stop.



The special soft-lite reflector and 4800° Kelvin color temperature enhance reds and oranges, and provide exceptional flesh tones. Built-in modeling light helps in aiming the strobe while illuminating subject's colors.

The electronics are completely sealed from the battery compartment. The strobe provides approximately 160 flashes from four "D" cell alkaline batteries. Full power recycle time is less than four seconds. Optional nicad pack with industrial grade 5.0 AH matched cells and 6-hour charger is also available.....**409.95**

Substrobe 200 (IK4062.1)



A high performance professional strobe that revolutionizes underwater photography. State-of-the-art electronics provide a blazing 200 w/s of power—recycling in an incredible 1.6 seconds. Mount the strobe on either side of the camera and the control panel and

ready light are always visible for quick confirmation and easy access. Both visual and audible ready signals convey flash readiness and confirm TTL operation. It offers four manual power modes.

The Substrobe 200 delivers an even ultra-wide 100° beam, wider than the Nikonos 15mm lens, eliminating the need for a wide angle diffuser that would reduce output by one f-stop. Ikelite's special soft-lite reflector produces softer, warmer, more natural colors. The built-in aiming light is more than just a target light; it is powerful enough to use as a night diving light.

Strobe electronics are sealed from the battery compartment, and the industrial grade nicad battery module is easily removed. No more guessing about when to recharge; an LED film gauge shows how many rolls of film can be exposed with the remaining battery power ...**729.95**

Substrobe DS-125 (IK4065)

The Substrobe DS-125 features special electronic circuitry for use with digital cameras, but is completely compatible with all film cameras including Nikonos cameras. It combines high intensity 110 w/s output and wide 100° coverage



angle with diffuser. A special coated soft-lite reflector produces more natural colors with rich reds, oranges and warmer flesh tones. It features TTL auto exposure plus four manual power settings (full, 1/2, 1/4, and 1/8 power).

The strobe's digital electronics are pre-flash compatible when used with the optional DS Sensor or EV-Controller with digital cameras. Easily interchangeable nicad battery recycles in one second, while a fuel gauge references remaining battery power. Offers both visual and audible ready signals. A built-in modeling light/diving light assists in aiming and to illuminate your subjects colors.

Equipped with Ikelite's unique Flip-Lock design to easily install and remove batteries. Spare nicad modules and 1.5-hour smart charger are optionally available.....**594.50**

**ORDER & INFO. (212) 502-6340 • FAX: (212) 239-7770 (800) 947-7008
1-800-290-6750 • www.bhphotovideo.com**



UNDERWATER

207

IKELITE

SUBSTROBE ACCESSORIES

UNDERWATER

208

EV Manual Exposure Controller (IK4100.6)

Provides 10 manual power settings in half-stop increments for the DS-50 and DS-125. It has a slave sensor allowing it to be triggered by another strobe; or attach any of the sync cords to the Controller bulkhead. The Controller attaches to the strobe and can be used with normal or pre-flash camera and strobe systems. A second strobe with a Manual Controller can be set to any desired power and will operate with the built-in slave sensor aimed at the subject or the primary strobe; or the Controller can be connected to a dual sync cord. A second strobe with the TTL Slave Sensor duplicates power levels it sees on the primary strobe.....127.50

TTL Digital Slave Sensor (IK4100.5)

A wireless TTL slave sensor, the DS Sensor provides wireless TTL slave operation within 1/10 of one f-stop precision. The sensor is turned on automatically by the strobe ready light. When attached to a DS series digital strobe, it can also be triggered by and used with any type of camera and strobe.....127.50

	50 / DS-50	100A	DS-125	200
Coverage Angle	70°	95°-80°	n/a	100°
Guide # ISO 100				
Surface (feet)	56'	52-60-	n/a	76'
Underwater (feet)	28'	28-30'	n/a	38'
Firing Modes				
TTL	✓	✓	n/a	✓
Manual	✓	✓	n/a	✓
1/2, 1/4, 1/8 Manual	—	1/2	n/a	1/2, 1/4, 1/8
Remote TTL Slave	optional	optional	n/a	optional
Color Temperature	5700° K	4800°K	n/a	4800°K
Power Source				
4 "AA" Alkaline	✓	✓	n/a	—
Ni-Cad	not-included	not-included	n/a	3
Flashes (full power)	200	160	n/a	160
Recycle Time	3.5 sec.	3.8 sec.	n/a	7.6 sec.
Audible Signal			n/a	3
Modeling Light	Optional Mini C-Lite	Built-in	n/a	Built-in

CORDS

Sync Cords for Ikelite TTL Housings

Ikelite Strobe:

Connects Ikelite TTL housing to Ikelite TTL Substrobe(s).

Sync Cord (IK4103.51): To connect single Ikelite TTL strobe.....94.95

Sync Cord (IK1405.24): Short 24" version of above63.95

Sync Cord (IK4103.52): To connect two Ikelite TTL strobes135.95

Nikonos Strobe:

Connects most Ikelite TTL housings to SB-102, SB-103, SB-104 and SB-105 strobe(s).

TTL Sync Cord (IK4115.31): Connects one Ikelite TTL SLR housing to one Nikonos strobe.....84.95

TTL Dual Sync Cord (IK4115.32): Connects one Ikelite TTL SLR housing to two Nikonos strobes135.95

TTL Dual Sync Cord (IK4115.35): Connects one Ikelite TTL SLR housing to one Nikonos strobe and one Ikelite TTL Substrobe....135.95

Inon and Sea & Sea Strobes:

These cords connect sync circuit only, providing only manual strobe operation. TTL is not possible with these strobes and cords.

Sync Cord (IK4118.1): To connect one strobe to Ikelite housing84.95

Sync Cord (IK4118.2): To connect two strobes to Ikelite housing..135.95

Cords for Cameras and Housings with Nikonos Socket

These cords connect to Nikonos IV, V, RS cameras and Aquatica, Nexus, Subal housings featuring the female Nikonos socket.

Ikelite Strobe:

Connects Nikonos system to Ikelite TTL Substrobe(s)

TTL Sync Cord (IK4104.6): Connects single Ikelite strobe79.95

TTL Sync Cord (IK4104.51): Short 18" version of above71.95

TTL Dual Sync Cord (IK4104.62): Connects two Ikelite strobes135.95

Nikonos Strobe:

Connects Nikonos system to Nikonos SB-102, SB-103, SB-104 and SB-105 strobe(s)

TTL Sync Cord (IK4115.1): Connects single Nikonos SB-strobe.....84.95

TTL Dual Sync Cord (IK4115.2): Connects 2 Nikonos SB-strobes....135.95

Dual Ikelite and Nikonos Strobe:

Connect Nikonos system to Ikelite TTL Substrobe and Nikonos SB-102, SB-103, SB-104 and SB-105 strobe

TTL Dual Sync Cord (IK4115.36): Connects one Ikelite and one Nikonos TTL strobe135.95



For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549

CABLES & CORDS

Non-TTL Sync Cord (IK4104): Connects Ikelite non-TTL housing to single Ikelite Substrobe**79.95**

Non-TTL T-Connector (IK4109): Connects an Ikelite non-TTL housing to two Ikelite non-TTL sync cords**63.95**

Non-TTL T-Connector (IK4112): Connect an Ikelite non-TTL housing to two Nikonos sync cords**CALL**

TTL Dual Sync Cord (IK4115.36): Connects a Nikonos camera to one Ikelite substrobe and one Nikonos strobe.....**135.95**

TTL Dual Sync Cord (IK4104.25)

Connects an Ikelite non-TTL housing and a Nikonos camera to a Ikelite a TTL substrobe.....**135.95**

TTL Dual Sync Cord (IK4103.25)

Connects an Ikelite TTL housing and a Nikonos camera to one TTL Substrobe.....**109.00**

PC Sync Cord (IK4104.1)

Connect PC plug (surface use) to an Ikelite Substrobe**67.50**

Extension Cords

Extend the original cord length. Extension cords install between any Ikelite SubStrobe, "T" Connector, Remote Sensor or Ikelite sync cord; and between Ikelite TTL SLR housing and TTL sync cord.

Extension Cord (IK4102.03): 3' long**53.95**

Extension Cord (IK4102.15): 15' long**53.95**

Connector Protector

Protects Ikelite TTL and Nikonos male connectors. Provided with appropriate cords.

Protector (IK0301): Accepts two Ikelite connectors**6.95**

Protector (IK0301.1): Accepts one Ikelite and one Nikonos connector**6.95**

Protector (IK0301.12): Accepts one Ikelite connector.....**Call**

SA-100 Arms & Components

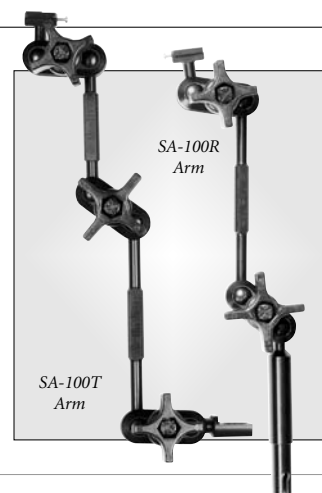
The DS50 and DS125 Substrobes don't require the tremendous holding power of Ikelite's larger 1.25" diameter ball arms. The SA-100 1" diameter ball system operates very nicely underwater and interchanges with ULCS and TLC arm components.

SA-100R Arm (IK4086.61)

Mounts to Ikelite Release Handle and allows easy strobe placement from macro to wide angle without changing the aim of the sensor. The complete system removes with push of the handle button. Arms extended length is 14". For the DS50 and DS125**139.95**

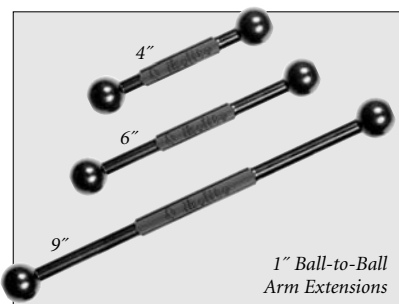
SA-100T Arm (IK4086.14)

The SA-100T Arm mounts to Ikelite handles and trays with wing-nuts. It incorporates a 4" and a 6" arm for optimal flexibility for all types of photography from macro to wide angle. Arms extended length is 16". Exclusively for the DS50 and DS125**179.95**



Release Handle Extender (IK9571.3)

1" Ball with extended length stem snaps into Release Handle. Allows attaching a Slave Sensor or Manual Controller so its position does not change when aiming the strobe.....**24.95**



1" Ball-to-Ball Arm Extension (IK0466.42)

4" arm**26.95**

1" Ball-to-Ball Arm Extension (IK0466.62)

6" arm**26.95**

1" Ball-to-Ball Arm Extension (IK0466.92)

9" arm**35.95**

1" Ball Clamp (IK9571.2)

Clamps two 1" balls together.....**37.95**

1" Ball Clamp with Stud (IK09571.23)

Clamp is available with Mounting Stud for attaching TTL Sensor or Manual Controller if not using Release Handle Extended**41.50**

1" Ball with Mount (IK9577.71)

For camera tray or handle**19.95**

1" Ball with DS50 and DS125 Mount (IK9571.4)

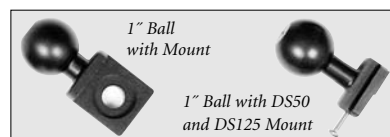
Mounts to the underside of strobe.....**24.95**

1" Ball with DS100a and SS200 Mount (IK9577.43)

Mounts to the underside of strobe.....**24.95**

Ball-to-Ball Arm Adapter (IK0466.51)

Arm is available with 1" ball on one end and 1.25" diameter ball on the other end. This 6" arm allows combining different systems**27.95**



IKELITE

SA-125 ARMS & COMPONENTS

UNDERWATER

210

SA-125 Quick Grip Arm

Articulating ball-socket arm with quick release handle. Removable at the push of a button, the contoured rubber grip offers easy one hand control in hand holding the strobe. Ikelite design provides vastly greater holding power than other systems. Adaptable to other brand camera housings with optional Universal Mount or TLC Mount.

Quick Grip I (IK4082): 15" quick release handle, ball clamp, and tray mount especially suitable for wide angle photography with heavy strobes**101.95**

Quick Grip II (IK4083): 9" quick release handle, 6" arm extension, two ball clamps, and tray mount**151.95**

SA-125 Macro Grip Arm

Articulating ball-socket macro arm. The Macro Grip Arm combines two short 4" arm sections with a series of three ball clamps for the ultimate in maneuverability. Features special ball mount at the base of the strobe to position it wherever desired for creative macro photography.

Macro Grip Arm (IK4085.14): For Substrobe 50, DS50, DS125**175.95**

Macro Grip Arm (IK4085.24): For Substrobe Ai, 100A, 200**179.95**



SA-125 Ball Arm Components

Featuring interchangeable 1.25" ball components to build or add to the Ikelite ball arm system.

Quick Release Handle

The Quick Grip handle allows easy removal by pushing a button with the heel of your hand. Attaching is just as easy, and the aiming adjustment will not have been changed. The comfortable rubber handle has been molded around the tubing. The handle allows you to "feel" strobe aim when hand holding the strobe. Two mounting types are available:

QR Handle with Strobe Mount: Allows direct attachment of all Ikelite strobes, and provides vertical aiming of the strobe. Rotational aiming is accomplished by the ball at the base of the handle. This style may be preferred so the strobe is aligned with the direction of the handle.

QR Handle with 1.25" Ball: Allows use of the optional ball mounts at the strobe head with Ball Clamp F. This style may add aiming versatility for macro photography.

QR Handle with Strobe Mount

7" QR Handle (IK9578.07)	37.95
9" QR Handle (IK9578.09)	37.95
15" QR Handle (IK9578.15)	37.95

QR Handle with 1.25" Ball

7" QR Handle (IK9581.07)	37.95
9" QR Handle (IK9581.09)	37.95
15" QR Handle (IK9581.15)	37.95

Handle Mount Ball

Accommodates both the QR with a strobe mount or a 1.25" ball. It is also available with 1" diameter ball.

1.25" Handle Ball with Stem (IK9577.3): Snaps into release handle	19.95
1.25" Handle Ball with Stem (IK9577.33): Same as above with an extended stem	28.50
1" Handle Ball with Stem (IK9571.3): Snaps into release handle	24.95



For Any Inquiries Regarding Your Order, Call Our Customer Service:
(800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549

IKELITE

SA-125 COMPONENTS

UNDERWATER

211

Strobe Arm Extensions

4" Arm Extension (IK9579.04).....	24.95
6" Arm Extension (IK9579.06).....	24.95
12" Arm Extension (IK9579.12).....	24.95

Ball-to-Ball Arm Extension

4" Arm Extension (IK9580.04).....	28.50
6" Arm Extension (IK9580.06).....	28.50
12" Arm Extension (IK9580.12).....	28.50

Ball Clamps

Ball Clamp (IK9577.2)	
Clamps two 1.25" balls together.....	37.95

Ball Clamp with Stud (IK9577.23)	
Clamps two 1.25" balls together. It has a mounting stud for [S] Lite Mount, TTL Sensors or a Manual Controller.....	47.50

Ball Clamp with Stud (IK9571.23)	
Clamps two 1" balls together. It has a mounting stud for [S] Lite Mount, TTL Sensors or a Manual Controller.....	47.50

Ball with Ikelite Tray Mount

1.25" Ball Mount (IK9577.1)	
For Ikelite camera tray or handle.....	19.95

1" Ball Mount (IK9577.71)	
For TLC and Ultralite clamps.....	19.95

Ball with Universal Mount

1.25" Ball with Universal Shoe Mount (IK9577.5): Attaches to a "T" shaped shoe found on many other housings.....	19.95
--	-------

TLC Tray Mount

1.25" Ball with Dove-Tail Mount for TLC Tray (9577.7).....	24.95
--	-------

Nikonos Shoe Mount

1.25" Ball with Nikonos Foot Mount for Nikonos IV/V Cameras (IK9577.6).....	28.50
---	-------

Substrobe 50, DS50, DS125 Mount

1.25" Ball with Substrobe Mount (IK9577.41): Mounts to the underside of the substrobes.....	19.95
---	-------

Substrobe Ai, 100A, 200 Mount

1.25" Ball for Ikelite Substrobes (IK9577.42)	
Mounts to underside of substrobes.....	24.95

1" Ball for Ikelite Substrobes (IK9577.43)	
Also works with Aquatica TLC and the Ultralite arm system.....	24.95

Nikonos Mount

1.25" Ball for Nikonos Strobes (IK9577.45)	
Attach a Nikonos SB103 or 105 strobe to an Ikelite 1.25" diameter arm system.....	24.95

Lite Bracket

Lite Bracket for
Mini-C Lite

(IK4073) Mounts the Mini C-Lite as an aiming light, with or without the Substrobe 50.....4.95



Tube Mount

Lite Meter Clamp (IK9575.2)

Used to attach the Ikelite digital exposure meter to the 3/4" diameter tubing of the Ikelite arm system.....19.95

Strobe Arm II & Arm Accessories



Strobe Arm II (IK4076)

Double sectioned articulating arm system is especially convenient for macro photography. The 12" upper and 6" lower arms pivot, swivel, extend and retract in their respective flexible joints.....53.95

Strobe Arm Is (IK4075.1)

Specifically configured for the new SLR Release Handle System. It attaches to the top of either handle or to either end of the Top Mount Assembly. The Strobe Arm Is is comprised of a Tube Mount (9575.1) and a 12" Tube Strobe Arm.....59.50

Second Arm Section with Joint (IK4076.2)
Replacement for Strobe Arm Is.....22.50

6" Tube Strobe Arm (IK9582.06).....	19.95
-------------------------------------	-------

9" Tube Strobe Arm (IK9582.09).....	19.95
-------------------------------------	-------

15" Tube Strobe Arm (IK9582.15).....	19.95
--------------------------------------	-------

18" Tube Strobe Arm (IK9582.18).....	CALL
--------------------------------------	------

Arm Adapter N (IK4072): Attaches Nikonos SB103 or 105 strobe head to an Ikelite arm.....CALL

Mount Adapter N (IK0301.85): Mount complete Nikonos SB103 or 105 strobe arm to Ikelite tray.....26.95

Clamp Mount (IK9580): Mounts on the tube of an SA-125 arm, or either Strobe Arm to secure a DS Sensor, EV-Controller or Remote TTL Slave Sensor.....24.95

Meter Mount (IK9575.2): Combined with the Clamp Mount, the Meter Mount will secure the Exposure Meter to the tube of SA-125 arms or either Strobe Arm....19.95

Tubular Mount with Stem (IK9575.4): Mounts an Exposure Meter or SA-125 Arm on a Release handle.....28.50

Strobe Arm Mount (IK9575.1): Mounts the tube from the Strobe Arm II to an Ikelite Release Handle.....47.50

Lite Clamp (IK4074.1): Mounts on the tube of an SA-125 ARM, Strobe Arm II or Strobe Arm Is to secure the Mini-C Lite as a modeling or night diving light.....28.50

Lite Mount (IK4074): A light Mount and a Tray Mount that secures to Ikelite handles with wing nuts.....33.50

EWA MARINE

UNDERWATER HOUSINGS

UNDERWATER

212

Ultimate Protection for 35mm Cameras



With an Ewa-Marine camera housing you can take just about any 35mm camera underwater, either manual or autofocus—often with zoom lens, flash and autofocus lens—to capture truly world class photos. Lightweight, yet very robust for long and dependable service life, the housings let you shoot at depths of 30, 60 or even 150' (depending on the model), plus allow you to take your camera into the most hostile environments (humidity, seawater, spray, sand, dust) without having to fear for the safety of your camera and lens. The special sheeting used for the housings is molded and welded by an elaborate process. They are fitted with a front port made of neutral, high quality optical glass. These and a number of other features (depending on the model) let you shoot pictures that will be the envy of your friends.

Ewa-Marine SLR cameras housings are flexible, allowing easy control of the camera, while an adapter system holds the camera's lens securely to the front optical glass port. "Finger ports" allows you to access your camera's most important controls, such as program modes, shutter release mechanism, and tele/wide buttons.

FEATURES

- ◆ Unlike hard housings which are sealed with sensitive O-rings that require careful maintenance and can leak without warning, Ewa Marine's housings require no such rings and their waterproofness is virtually independent of depth.
- ◆ The housings are ultra-sonic welded, UV resistant and feature their own carry strap. All underwater housings are sealed via a triple stainless steel, non-corrosive screw closing rail.
- ◆ Perfect for snorkeling, shallow diving, sandy, dusty, humidity or foul weather conditions. The housings will give your camera the best possible protection while being fully operable.
- ◆ They have a pair of non-corrosive and sea-water resistant clamping rails which fit together for perfect sealing. They tighten by means of two or three screw knobs.
- ◆ EWA Marine flexible housing are extremely easy to maintain. There are no "O"-rings to maintain as found in hard housing that may contain as many as 12-18 rings (a hard housing is only as good as its "O"-ring seals). These rings must be constantly inspected, greased, and many times - replaced. EWA Marine housings only require a quick rinse in fresh water, towel dry, keep then away from sharp objects, and do not allow them to bake in the sun.
- ◆ Although they have a practical operating depth of 30', these flexible housing can be successfully taken to hundreds of feet with absolutely no damage to the housing. The depth limitation is due to the design of the actual camera. For example, water pressure exerted on a flexible housing causes the housing to compress, which affects various protruding camera controls such as a shutter button, on/off switch, or zoom button. Those designed with greater protruding controls will be even more adversely affected with "sticking" control buttons in less depths of water. Depth operation is dependent upon the construction of the camera and not the housing.
- ◆ Many of the housings weigh less than two pounds as compared to housings weighing in at 10-20 lbs. They also serve as durable protection in rain and snow conditions. Housings fold for easy storage in a camera bag.

Camera Dry Munchers (EWCD5)

No more lost photos — stop condensation before it starts. Reusable, the "Munchers" fit most Ewa housings perfectly. Built-in color indicators let you know at a glance their condition. (Pink for saturated, Blue for okay). They can be recharged up to 5 times. Set of 514.50



35mm Point & Shoot Camera Housings

U-AM Compact Camera Housing (EWUAM): For cameras with fixed or short zoom lens. Fits lens diameters (less than 2"). The housing measures 3.5 x 6 x 2.75" (HxLxD) 84.95	U-AMZ Compact Point & Shoot Camera Housing (EWUAMZ): For cameras with zoom lens. Fits cameras with zoom lens up to 5" long, 2" wide. Measures 3.5 x 6 x 5" (HxLxD) 84.95
U-MM Mini Compact Camera Housing (EWUMM): Large rectangular lens port fits a large variety of cameras as lens placement is not critical. Measures 3.5 x 5 x 3.3" (HxLxD) 89.95	



For Any Inquiries Regarding Your Order, Call Our Customer Service:
 (800) 221-5743 • (212) 239-7765 • FAX: (800) 947-2215 • (212) 239-7549

EWA MARINE

UNDERWATER HOUSINGS

UNDERWATER

213

Photo Camera Rain Capes

Sport capes are for popular digital and 35mm cameras, and offer complete protection against rain, snow, moisture and dust. (They are not for underwater use). Ideal for use on boats and on the beach. Most feature oversized optical glass ports for clear, brilliant photography.

C-AF Hurricane Photo Cape (EWC9)

Optical glass port 80mm with 49-62mm adapter ring included. Holds lens up 8" long**89.95**

C-AFX Hurricane Photo Cape (with flash) (EWCAFX)

Same as the C-AF, however its larger rectangular shape allows use with top mounted flash.....**153.95**

C-AF100 Hurricane Photo Cape (EWCAF100)

For SLR cameras with up to 8" lens with 77mm adapter.....**159.95**

C-500 Pro Hurricane Hood (EWC500)

Designed for use with most 500mm/600mm lenses. Velcro lens opening fits various diameters and lengths up to 16" long**159.95**



Housings For Autofocus SLR Cameras

UA (EWUA): For SLR cameras with or without a built-in flash**249.95**

U-AX (EWUAX): For SLR cameras with a top mounted flash and long zoom lens.....**259.95**

U-AXP (EWUAXP): For SLR cameras with a top mounted flash**299.95**

U-AXP100 (EWUAXP100):

A special version of the U-AXP which allows the use of lenses with a 77mm or 82mm filter diameter and internal focus.....**369.95**

U-AZ (EWUAZ):

For SLR cameras with a long zoom lens....**259.95**

Model	Length	Width	Height	Position of Viewfinder	Front Port Diameter	Weight	Works to a Depth of
UA	4¼" - 6¾"	6¾"	5½"	2⅛"	72mm max. filter thread	.85 lbs.	60'
U-AX	4¾" - 6¾"	6¾"	9½"	2⅛"	72mm max. filter thread	.95 lbs.	60'
U-AXP	4¾" - 6¾"	7½"	10¼"	2⅛"	72mm max. filter thread	1.5 lbs.	150'
U-AXP100	4¾" - 6¾"	7½"	10¼"	3¼"	77/82mm filter thread	1.55 lbs.	150'
U-AZ	6¾" - 9"	6¾"	5½"		72mm max. filter thread	0.9 lbs.	60'

Housings For Manual SLR Cameras

Model	Length	Width	Height	Weight	Works to Depth of
UF	6.2"	5"	4.3"	14.8 oz.	33'
U-FX	4.6"	8.6"	5.1"	14.8 oz.	33'
U-FXP	8.8"	6"	4.7"	14.8 oz.	33'
U-FGM	10"	9.8"	4.7"	14.8 oz.	33'

UF (EWUF): For manual SLR cameras with a lens, with or without a motor drive.....**189.95**

U-FX (EWUFX): For manual SLR cameras with a lens and shoe-mounted flash**204.95**

U-FXP (EWUFXP): For manual SLR cameras with a lens and a 6" tall side-mounted flash**209.95**

U-FGM (EWFGM): For manual SLR cameras with a lens and a 9.8" tall side-mounted flash**234.95**

ORDER & INFO. (212) 502-6340 • FAX: (212) 239-7770 (800) 947-7008
1-800-290-6750 • www.bhphotovideo.com

