S-TTL STROBE & ARM

Underwater Strobe & Arm Catalog

INON S

MADE IN JA

INON

220 LUMEN 30°

INON
Z-330
Ultra Wide
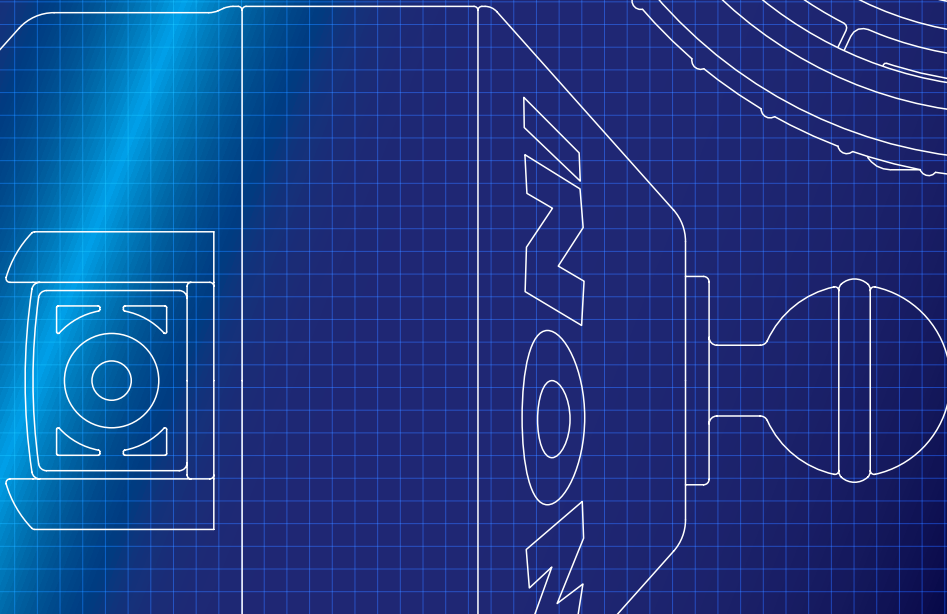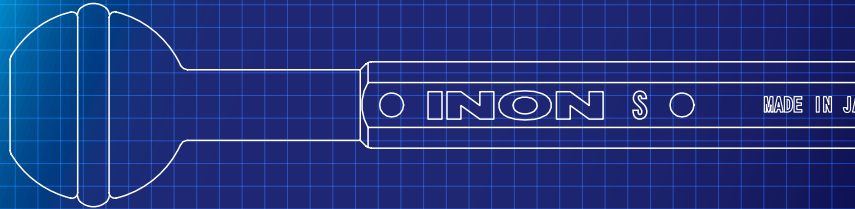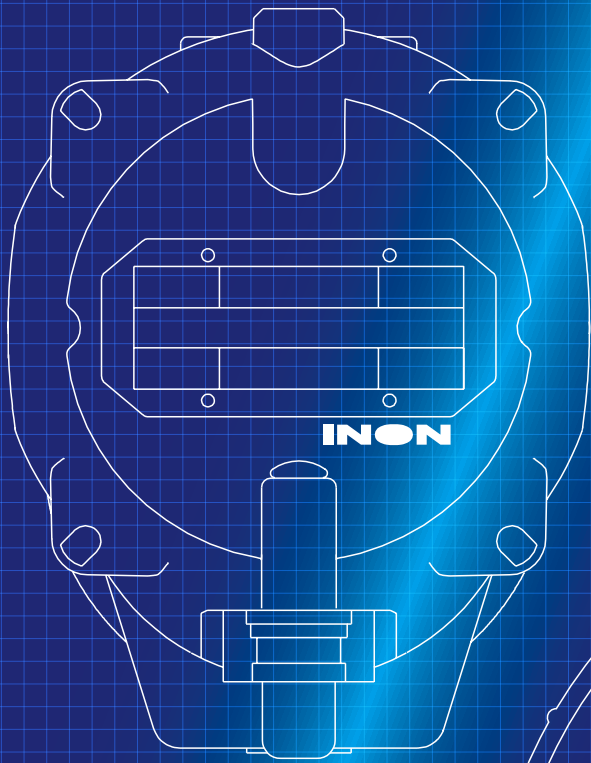
INON

Ultra Wide and Powerful Flagship Underwater Strobe

Z-330

The INON Z-330 provides powerful G.N. 33, high performance and multifunction in its compact body. Its built-in optically designed dome lens offering both high power and wide 110 degree coverage underwater without any diffuser. For digital cameras, film cameras, optical connection and electrical connection, the Z-330 strobe supports every camera system with unparalleled features.

PAT Patented in the U.S. and in Japan
JP.PAT. Patented in Japan and patent pending in the U.S
US.PAT. Patented in the U.S.

| Guide number **33** | Circular **110°** w/o diffuser | Recycle time **1.6** s | S-TTL Auto | Fine-tune exposure |
| Manual **13** step | Optical Connect | Wireless Connect | Elect. Connect | **220** lumen LED light |

【FULL SIZE】

Dome Lens Provides Both Powerful Light and Underwater 110 degree Coverage

Yet lightweight and compact body, the Z-330 is designed to produce powerful G.N. 33[*1]. Precisely designed front dome lens (PAT. P) together with INON's unique "T-shape Twin Flash" **PAT** successfully manages both powerful strobe light without sacrifice any power and circular 110 degree coverage UNDERWATER. Not as like a conventional translucent diffuser which can widen coverage while it has to sacrifice power and store heat inside, this specially designed dome lens diffuses light thanks to reflection ratio of air, acrylic and water with almost all powerful output coming through. Furthermore, the Z-330 has overcame drawback of high-power strobe which has long flash duration and reaches to FULL power after start flashing in significantly short period of time. Together with flashing system in sync with pre-flash and main flash of camera's built-in flash, the Z-330 can deliver full dump even at 1/1000 high shutter speed setting without cutting power.

S-TTL Auto / 13 Steps Manual Flash Mode

Proven and reliable INON's unique super accurate auto exposure system "S-TTL" Auto mode **JP.PAT.** is onboard to support easy and solid underwater shooting with appropriate exposure. It is simple to fine-tune flash power in S-TTL Auto by dialing the EV. Control Switch on the back control panel. It is easy and simple to suit to your intended exposure or

*1 Measurement in air/ ISO100・m, Nominal value

different exposure control characteristics among camera models. Precised 1/2EV. increment 13 steps Manual flash control is onboard as well to support professional use where fine power adjustment is required.

Strobe Light Shade to Block Unnecessary Light

The Strobe Light Shade is bundled as standard accessory to cut a part of strobe light to benefit not shining camera lens directly to dramatically suppress ghost or flare and backscatter when the strobe is positioned close to a lens port. The flange part rotates 360 degree with light clicks. The strobe Light Shade is removable.

220 lumen, Shutter-linked AUTO OFF Focus Light

The built-in "Shutter-linked Auto-Off Focus Light" **US.PAT.** delivers 220lm brightness and cease in synch with the shutter release then automatically turns ON again. The Focus Light has a fresnel lens in front to aim optical axis in line with strobe light's optical axis.

Radiation System to Release Generated Heat Inside

The Z-330 strobe is equipped with circular metal heatsink carrying high thermal conductivity around light emitting area. The heatsink is directly connected to inner circuit component to release generated heat from strobe usage effectively. No stress with sudden stop of flashing to cool down.

Z-330 front dome lens

Strobe Light Shade is removable and goes to any position

Focus Light trajectory (underwater)

111 mm / 4.4 in   129 mm / 5.1 in

131 mm / 5.2 in

Z-330 back

Strobe Dome Filter
SOFT (bundled)

Strobe Dome Filter
ND (optional)

Strobe Dome Filter
[4600K] (optional)

Strobe Dome Filter
[4900K] (optional)

Wide Variety of Dome Filters

The Z-330 strobe has a bayonet system to hold a strobe dome filter to attach/remove easily. Besides bundled "Strobe Dome Filter SOFT" to protect dome lens surface and soften strobe light, optional "Strobe Dome Filter ND" which steps down at -4EV, "Strobe Dome Filter [4600K]" which changes native color temperature to 4600K and "Strobe Dome Filter [4900K]" which changes to 4900K are available.

Optical Connection with High Sensitive Slave Sensor/Electrical Cable Connection

Optical connection system widely supports from underwater housings for compact digital cameras to a digital SLR housings with built-in flash or an underwater housing with built-in LED trigger circuitry regardless of make or model. The high performance slave sensor never miss camera's trigger signal even with faint signal or partially damaged fiber optics cable can still trigger the strobe to offer faultless triggering. This slave sensor enables wireless S-TTL Auto mode*² using a mirror instead of an optical cable. Attaching optional "Wireless Connection Kit" on the Z-330 and combined with an underwater housing via "Shoe Base M6" or "Grip Base D4 Set" creates a handy S-TTL Auto shooting set. In addition, the strobe is equipped with Nikonos 5 pin type cable compatible sync connector to shoot in TTL Auto mode with a film camera or in Manual mode for a digital SLR housing with a bulk head.

Enhanced Controllability with Phosphorescence Back Panel / Large Control Switches

Using high-intensity phosphorescence material for the back panel to improve visibility both during day and night dive. Also control dials are enlarged for user-friendly controllability even through thick gloves during cold water diving. The "EV. Control Switch" stops at minimum and maximum power setting telling you current switch position.

Conspicuous phosphorescence back panel

Minimum Recycle Time 1.6 sec. at Full Flash

Minimum recycle time at full flash (how fast the strobe ready lamp shines and the strobe is ready after making full flash) is approx. 1.6 sec.*³ achieving fast recycle time **PAT** even delivers powerful light.

Pre-flash Mode Auto-Detecting Function

Fully compatible with a camera which alters number of pre-flash between once or twice making total flashes twice or three times depending on shooting condition. The Z-330 automatically detects number of pre-flash to activate adequate program to support proper functioning of Manual as well as highly accurate S-TTL Auto mode. INON unique Advanced Cancel Circuit benefits you with faster recycle time and more images per battery set to eliminate drawbacks when using Manual Flash mode with a pre-flash type digital camera where the built-in flash always burst full dump.

Optical cable connection

Electrical cable connection

＊2 Not compatible with camera's on-board wireless system such as Olympus wireless RC flash system or Nikon creative lighting system as wireless flash system differs.
＊3 With recommended Panasonic "eneloop pro", BK-HCD, 1.2V, Min.2,500mAh. Recycle time based on INON test data.

Wide and Light Weight Super Midrange Underwater Strobe

D-200

Following latest features of the Z-330 strobe, the D-200 is designed to deliver maximum G.N. 20 and focus on optical trigger system. Optically designed front dome lens distributes strobe light circular 110 degree underwater without any diffuser which can sacrifice power. High performance, multi-function and friendly handling with lightest underwater weight supports your underwater photography with superior performance.

Guide number **20**	Circular **110°** w/o diffuser	Recycle time **1.3s**	**S-TTL** Auto	Fine-tune exposure
Manual **13** step	Optical Connect	Wireless Connect	**220** lumen LED light	

【FULL SIZE】

Expanded Underwater Coverage 110 degree by Dome Lens

Precisely designed front dome lens (PAT. P) together with INON's unique patented "T-shape Twin Flash" successfully manages both powerful G.N. 20[*1] and circular 110 degree coverage UNDERWATER without sacrificing any power.

Versatile Precision S-TTL Auto / 13 Steps Manual Flash Mode

The D-200 offers highly accurate S-TTL Auto mode working on built-in flash light to an external strobe regardless of make or model of camera. The S-TTL Auto delivers appropriate exposure easily and its broad usability does not require you to buy new strobe when upgrading from point & shoot digital camera to digital SLR camera. Manual flash mode has 13 steps with 1/2EV. increments to support professional use.

Strobe Light Shade to Block Unnecessary Light

The Strobe Light Shade is bundled as standard accessory to cut a part of strobe light to benefit to dramatically suppress flare, ghost and backscatter.

Wide Variety of Dome Filters

The D-200 strobe has a front bayonet to attach/remove a strobe dome filter originally designed for Z-330 strobe.

Easy to Handle Underwater, Buoyant at 4g

The D-200 has buoyancy of 4g[*2] including 4 x AA eneloop batteries and Strobe Light Shade making the strobe slightly buoyant underwater. So attaching an adapter such as "Z Adapter MV" or "Z Joint" can have almost neutral buoyancy in salt water. A heavy strobe may cause sudden strobe movement with its own weight when unclamping too much while neutrally buoyant D-200 offers comfortable strobe aiming adjustment and easy handling underwater.

Easy yet Secure Optical Cable Connection

Supported by flood-free INON optical connection system which provides simple yet reliable connection between strobe and camera system including compact digital camera housings, housings for digital SLR camera with built-in flash or SLR housings with built-in LED trigger circuitry regardless of make or model.

D-200 back

220 lumen, Shutter-linked AUTO OFF Focus Light
Radiation System to Release Generated Heat Inside
Wireless TTL Capability with High Sensitive Slave Sensor
Enhanced Controllability with Phosphorescence Back Panel / Large Control Switches
Minimum Recycle Time 1.3 sec. at Full Flash
Pre-flash Mode Auto-Detecting Function

Front Cover 110

＊1 Measurement in air/ ISO100・m, nominal value
＊2 Measured in fresh water (25ºC/77ºF), nominal value

Rich Fundamental Features in Ultra Compact Body
Smallest, Best Underwater Strobe

S-2000

Guide number 20, beam angle 105°×95° without a diffuser, circular 110° light distribution with a diffuser, digital camera compatible highly accurate S-TTL Auto and 12 step Manual mode, rich and fundamental performance is filled in ultra-compact body to exert distinguished mobility.

【FULL SIZE】

Guide number 20	Beam angle 105°×95°	Recycle time 1.5s	S-TTL Auto	Fine-tune exposure
Manual 12step	Optical Connect	Wireless Connect		

64 mm / 2.5 in   106.5 mm / 4.2 in   83.1 mm / 3.3 in

Marginally Downsized with High-performance

The S-2000 is operated by 4x AA batteries to provide fundamental features of strobe though 4x AA batteries operation is hostile to downsizing. The same level of basic performance including Guide Number 20[*1], minimum recycle time 1.5 sec. and durability as upper model are driven with its compact body; 64mm/2.5in x 83.1mm/3.3in x 106.5mm/4.2in (W x H x D). In addition to reliable and super accurate S-TTL Auto mode, 12 step Manual mode is equipped to support professional use. Other features include the EV. Controller to make fine adjustment when shooting in S-TTL Auto and auto-switching function to accommodate to various pre-flash type (single or double pre-flash) digital camera are on-board as well.

On-board Wireless TTL

The S-2000 strobe has ultra sensitive slave sensor which is 100 times more sensitive comparing to the slave sensor of D-2000 Type3 strobe and successfully enables to support wireless S-TTL Auto flash control without using an Optical D Cable. Also the sensitivity of the slave sensor dramatically lengthens synch range of Manual flash mode. The package includes a Wireless Connection Kit which optimizes built-in flash light reception at the slave sensor. It is easy to use wireless S-TTL Auto shooting simply attached the strobe on compatible underwater housing via

INON Shoe Base M6 or Grip Base D4 Set. You can enjoy shooting vivid underwater world with powerful external strobe with holding a rig one hand. Using Optical D Cable connection ensures more reliable flash sync in severe condition with bright ambient light like just under surface.

Natural Color Even with a Diffuser

Beam angle without a diffuser is 105°×95° which increase to circular 110° with supplied -0.5 White Diffuser for S-2000. The diffuser is made from customized material not to change color of strobe light where strobe color temperature drops only 100K (Kelvin). You can have same color tone between macro shooting without the diffuser and wide shooting with the diffuser to widen strobe beam angle.

S-2000 back

*1 Measurement in air/ISO100・m, nominal value
*2 When using eneloop or other compatible NiMH batteries.

Battery box   with a Mirror unit   with supplied -0.5 White Diffuser

【Z-330／D-200／S-2000 specifications】

Model	INON Z-330	INON D-200	INON S-2000
Strobe Control Mode (*1)	S-TTL Auto / Manual / TTL Auto /	S-TTL Auto / Manual / TTL Auto /	S-TTL Auto / Manual / TTL Auto (*10)
Connection (*1)	Optical Connection (Optical D Cable, Wireless) Electrical Connection (Sync. Code)	Optical Connection (Optical D Cable, Wireless) Electrical Connection (Sync. Code)	Optical Connection (Optical D Cable, Wireless, Optical D Slave Cable)
Guide Number (*2)	33 [without a filter]	33 [without a filter]	20 [without a diffuser] 17 [with supplied -0.5 White Diffuser]
Settable Flash Output Guide Number (*2)	FULL [1/1 (33)], -0.5 [1/1.4 (27)], -1 [1/2 (23)], -1.5 [1/2.8 (19)], -2 [1/4 (16)], -2.5 [1/5.6 (13)], -3 [1/8 (11)], -3.5 [1/11 (9.8)], -4 [1/16 (8.2)], -4.5 [1/22 (6.9)], -5 [1/32 (5.8)], -5.5 [1/45 (4.9)], -6 [1/64 (4.1)] (13 steps in 1/2EV.)	FULL [1/1 (33)], -0.5 [1/1.4 (27)], -1 [1/2 (23)], -1.5 [1/2.8 (19)], -2 [1/4 (16)], -2.5 [1/5.6 (13)], -3 [1/8 (11)], -3.5 [1/11 (9.8)], -4 [1/16 (8.2)], -4.5 [1/22 (6.9)], -5 [1/32 (5.8)], -5.5 [1/45 (4.9)], -6 [1/64 (4.1)] (13 steps in 1/2EV.)	FULL [1/1 (20)], -0.5 [1/1.4 (17)], -1 [1/2 (14)], -1.5 [1/2.8 (12)], -2 [1/4 (10)], -2.5 [1/5.6 (8.4)], -3 [1/8 (7.1)], -3.5 [1/11 (5.9)], -4 [1/16 (5.0)], -4.5 [1/22 (4.2)], -5 [1/32 (3.5)], -5.5 [1/45 (3.0)] (12 steps in 1/2EV.)
Beam Angle	110°×110°circular beam [flash light] (*3) 30° [Focus Light]	110°×110°circular beam [flash light] (*3) 30° [Focus Light]	105°(horizontal)×95°(vertical) [without a diffuser] 110°×110°circular beam [with supplied -0.5 White Diffuser]
Focus Light Intensity	220lm (*4)	220lm (*4)	—
Color Temp.	Approx. 5500K [flash light / without a filter] Approx. 5400K [flash light / with Strobe Dome Filter SOFT] 5300 to 6000K [Focus Light (*4)]	Approx. 5500K [flash light / without a filter] Approx. 5400K [flash light / with Strobe Dome Filter SOFT] 5300 to 6000K [Focus Light (*4)]	5500K [flash light, without a diffuser] 5400K [flash light, with supplied -0.5 White Diffuser]
Recycle Time (*5)(*7)	Approx. 1.8 seconds minimum ["eneloop" batteries] Approx. 1.6 seconds minimum ["eneloop pro" batteries] Approx. 2.4 seconds minimum [Alkaline batteries] Approx. 3.5 seconds minimum [Lithium (1.5V) batteries]	Approx. 1.3 seconds minimum ["eneloop" batteries] Approx. 1.3 seconds minimum ["eneloop pro" batteries] Approx. 1.6 seconds minimum [Alkaline batteries] Approx. 2.3 seconds minimum [Lithium (1.5V) batteries]	Approx. 1.5 seconds minimum ["eneloop" batteries] Approx. 1.5 seconds minimum [NiMH batteries] Approx. 1.6 seconds minimum [Alkaline batteries] Approx. 2.1 seconds minimum [Lithium (1.5V) batteries]
Flash Capacity (*5)(*7)	Approx. 210 flashes ["eneloop" batteries] Approx. 280 flashes ["eneloop pro" batteries] Approx. 200 flashes [Alkaline batteries] Approx. 330 flashes [Lithium (1.5V) batteries]	Approx. 410 flashes ["eneloop" batteries] Approx. 540 flashes ["eneloop pro" batteries] Approx. 350 flashes [Alkaline batteries] Approx. 670 flashes [Lithium (1.5V) batteries]	Approx. 450 flashes ["eneloop" batteries] Approx. 570 flashes [NiMH batteries] Approx. 430 flashes [Alkaline batteries] Approx. 670 flashes [Lithium (1.5V) batteries]
Focus Light Operable Duration (*6) (*7)	Approx. 2hrs 30 min ["eneloop" batteries] Approx. 3hrs 20 min ["eneloop pro" batteries] Approx. 3hrs 00 min [Alkaline batteries] Approx. 4hrs 00 min [Lithium (1.5V) batteries]	Approx. 2hrs 35 min ["eneloop" batteries] Approx. 3hrs 30 min ["eneloop pro" batteries] Approx. 3hrs 15 min [Alkaline batteries] Approx. 4hrs 20 min [Lithium (1.5V) batteries]	—
Compatible Batteries	AA "eneloop" (BK-3MCC) [recommended] x 4 AA "eneloop pro" (BK-3HCD) [recommended] x 4 AA NiMH x 4 (*8) AA Alkaline x 4 AA Lithium (1.5V) x 4	AA "eneloop" (BK-3MCC) [recommended] x 4 AA "eneloop pro" (BK-3HCD) [recommended] x 4 AA NiMH x 4 (*8) AA Alkaline x 4 AA Lithium (1.5V) x 4	AA "eneloop" (BK-3MCC) [recommended] x 4 AA "eneloop pro" (BK-3HCD) [recommended] x 4 AA NiMH x 4 (*8) AA Alkaline x 4 AA Lithium (1.5V) x 4
Dimensions	Diameter:102mm/4.0in, Height:131mm/5.2in, Depth:125mm/4.9in (without Strobe Light Shade / Strobe Dome Filter SOFT) Diameter:111mm/4.4in, Hight:131mm/5.2in, Depth:129mm/5.1in (with Strobe Light Shade)	Diameter:102mm/4.0in, Height:131mm/5.2in, Depth:125mm/4.9in (without Strobe Light Shade / Strobe Dome Filter SOFT) Diameter:111mm/4.4in, Hight:131mm/5.2in, Depth:129mm/5.1in (with Strobe Light Shade)	Diameter: 64mm/2.5in, Height: 83.1mm/3.3in Depth:106.5mm/4.2in (Including Slave Sensor and Arm Base)
Weight (air)	637g/22.5oz (without Strobe Light Shade / Strobe Dome Filter SOFT / batteries) 789g/27.8oz (with Strobe Light Shade / 4 x "eneloop" batteries)	577g/20.4oz (without Strobe Light Shade / Strobe Dome Filter SOFT / batteries) 729g/25.7oz (with Strobe Light Shade / 4 x "eneloop" batteries)	295g/10.4oz (without batteries)
Weight (U/W) (*9)	Approx. 48g/1.7oz (with Strobe Light Shade / 4 x "eneloop" batteries)	Approx. –4g/–0.1oz (with Strobe Light Shade / 4 x "eneloop" batteries)	Approx. 69g/2.4oz (with 4 x "eneloop" batteries)
Working Temperature	0℃～30℃ /32°F～86°F (water temperature)	0℃～30℃ /32°F～86°F (water temperature)	0℃～30℃ /32°F～86°F (water temperature)
Storage Temperature	0℃～30℃ /32°F～86°F (air temperature) +50℃ /122°F (temporary allowable temperature limit)	0℃～30℃ /32°F～86°F (air temperature) +50℃ /122°F (temporary allowable temperature limit)	0℃～30℃ /32°F～86°F (air temperature) +50℃ /122°F (temporary allowable temperature limit)
Depth Rating	100m/328ft	100m/328ft	100m/328ft
Body Material/ Color	Polycarbonate resin / gray	Polycarbonate resin / red	Polycarbonate resin / red
Package Contents	Strobe Light Shade, Strobe Dome Filter SOFT, Sensor Cap, Sync. Connector Cap, Sensor Cap Caution Sticker, Repeated Flashes Limitation Sticker, INON Grease, Spare O-ring (Battery Box, Synch Connector), TTL Insulation Plate (x2)	Strobe Light Shade, Strobe Dome Filter SOFT, Repeated Flashes Limitation Sticker, INON Grease, Spare O-ring (Battery Box)	-0.5 White Diffuser, Magnet, Magnet Screw, Spare O-ring (Battery Box), INON Grease, Wireless Connection Kit

*1 Compatible flash mode/connection method varies depending on combined camera system and usable flash mode differs depending on connection method.
*2 Measurement in air/ISO100 at 1m without a filter/diffuser, nominal value
*3 Underwater, nominal value.
*4 Calculated from a spec. chart of LED manufacture, nominal value.
*5 Measured with FULL strobe output at 30 seconds intervals with both Focus Light (Z-330/D-200) and Advanced Cancel Circuit OFF, at 25℃ /77°F giving 5 minutes (Z-330/D-200)/10 minutes (S-2000) cooling period every 50 flashes using test batteries listed in right.
*6 Operable duration is accumulated time of continuous mode with 5 minute cooling period every 30 minutes at 25℃ /77°F with test batteries.
*7 Recycle Time / Flash Capacity / Focus Light operable duration (Z-330/D-200) based on INON test data. Actual values may vary depending on battery manufacturer, battery type etc.
*8 Not all Ni-MH batteries are confirmed compatible as some "conventional" or "high-capacity" NiMH rechargeable batteries have significant self-discharge and heat-generating characteristic causing difficulty to keep their performance during usage. Only when "eneloop" or "eneloop pro" batteries are not available, use good quality of Ni-MH rechargeable battery having less problem described above.
*9 Measured in fresh water (25°C/77°F), nominal value.
*10 Only compatible when connecting to TTL operating INON strobe (*11) by Optical D Slave Cable Connection.
*11 S-2000, Z-240, D-2000, D-2000S, D-2000W, D-2000Wn
*12 Compatible cord: 5-pin Sync Cord/N (Sea&Sea)

【Test battery】

"eneloop" battery	Z-330/D-200: Panasonic "eneloop", BK-3MCC, 1.2V, Min.1,900mAh S-2000: SANYO "eneloop", HR-3UTG, 1.2V, Min.1,900mAh
"eneloop pro" battery	Z-330/D-200: Panasonic "eneloop pro", BK-3HCD, 1.2V, Min.2,500mAh
NiMH battery	S-2000: SANYO Twicell 2700 series, HR-3UG, 1.2V, Min2,500mAh
Alkaline battery	Z-330/D-200：Panasonic "EVOLTA NEO", LR6(NJ), 1.5V S-2000：Maxcell ALKALINE ACE"voltage", LR6 (T), 1.5V
Lithium battery(1.5V)	Energizer LITHIUM, FR6, 1.5V

Please visit INON web site for updated / detailed information of compatible function and operational limitations for different camera/camera system.

Optical Connection System for Reliable Strobe Flashing

INON Optical D Cable Type L transmits built-in flash light via fiber optics.
Easy to use to trigger Z-330/D-200/S-2000 without fail.

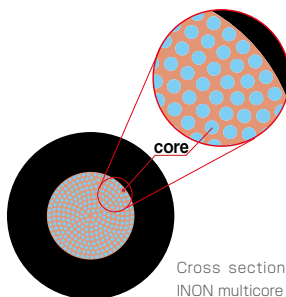## Multicore Optical D Cable Type L efficiently conveys built-in flash light

INON Optical D Cable Cap (Bush) Set catches light from built-in flash of a digital camera stored in a housing underwater to trigger Z-330/D-200/S-2000 without fault. Connecting via Optical D Cable Type L which uses fiber optics enables to trigger an external strobe more reliably comparing to conventional wireless slave system, even in bright condition like just under the surface or shooting backlit subject.

The INON optical fiber has distinctive advantage being made up of more than 200 fibers and each single fiber is thinner than hair carrying high tolerance against breakage with unbelievable minimum bend radius 2mm. Though other manufacture's optical fiber looks like same as INON's optical fiber, their structure is single core which limits its minimum bend radius to about

10mm. At the minimum bend radius, the single core type fiber optics loses about 50% of optical signal resulting in poor flashing of external strobe. INON's multicore type optical fiber loses almost NO optical signal when bending at 10mm bend radius to support reliable external strobe flashing. Multicore fiber optics acquires not only assure signal transmission but also enables to have high quality scroll design.

High tolerant plastic optical fiber. No damage even pinched like this. The high tolerance leads secure optical signal transmission. Left figures are structural drawings of optical fibers.

core

Cross sectional illustration of INON multicore optical fiber
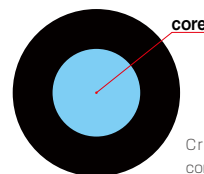
core

Cross sectional illustration of conventional single core optical fiber

Optical D Cable Type L Cap (Bush) Set reliably triggers strobe

It is essential to catch built-in flash light effectively to benefit faultless flashing of Z-330/D-200/S-2000 via durable INON optical fiber. So each set has unique light receiving unit specifically designed for respective housing to locate the bear end of Optical D Cable Type L in front of light emitting part of camera's built-in flash. The light receiving

part is equipped with a mirror to collect the built-in flash light. Each mirror is specially constructed for particular camera to suit to its built-in flash location.

The light receiving unit can accept maximum two Optical D Cable Type L. So it is easy to set-up dual strobe configuration only with an additional Optical

D Cable Type L.

Once Optical D Cable Type L is fixed on a housing or Mount Base, screw the connector on the slave sensor of Z-330/D-200/S-2000. Simple yet reliable INON optical connection system never miss precious moment to capture even in severe underwater.

Attached on a Mount Base

Attached on white diffuser panel of a housing

Attached on a dedicated optical connector of Panasonic marine case

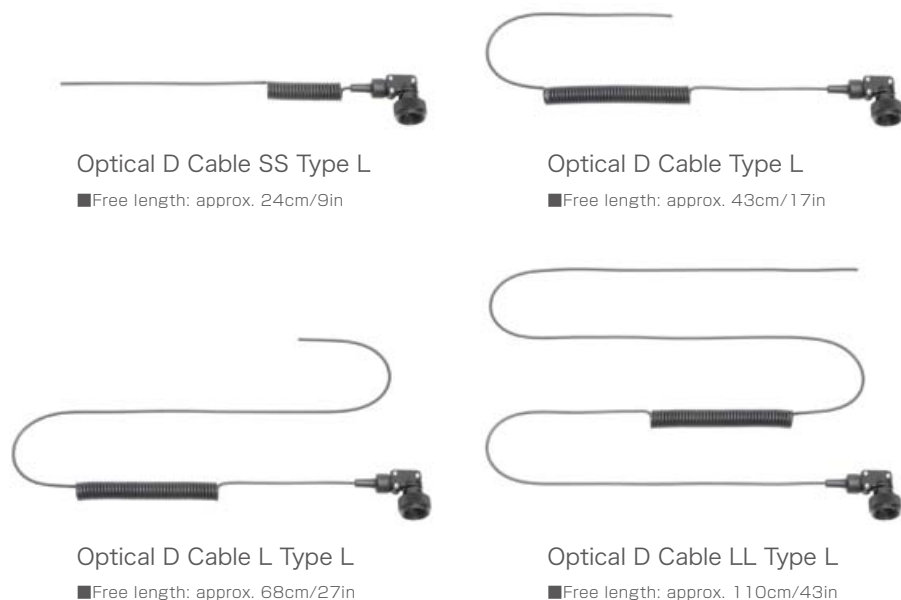Plug a fiber optics in Olympus/Sea&Sea/FUJIFILM type connector with a rubber bush

Strobe connector is screwed on the slave sensor of the strobe

OPTICAL CONNECTION

Optical D Cable Type L conveys built-in flashlight to a strobe.
Designed for each housing to support easy and reliable connection.

◻ Optical D Cable Type L

Optical D Cable SS Type L
■Free length: approx. 24cm/9in

Optical D Cable Type L
■Free length: approx. 43cm/17in

Optical D Cable L Type L
■Free length: approx. 68cm/27in

Optical D Cable LL Type L
■Free length: approx. 110cm/43in

Fiber optics kit for a housing which directly accepts bear end of Optical D Cable Type L and also usable to connect second strobe. Four different length products are available; Optical D Cable SS Type L (free length approx. 24cm/9in), Optical D Cable Type L (free length approx. 43cm/17in), Optical D Cable L Type L (free length approx. 68cm/27in) and Optical D Cable LL Type L (free length approx. 110cm/43in).

◻ Optical D Cable Type L / Cap W Set

Optical D Cable Type L/Cap W Sets

Set of Optical D Cable Type L (free length 43cm/17in), Shade Panel Unit/Holder Unit to mount the cable on an underwater housing or Mount Base and Clear Photo System etc.

Optical D Cable SS Type L/Cap W Sets

Cap W Set of Optical D Cable SS Type L (free length 24cm/9in) for a camera system where an external strobe is directly attached on an underwater housing at its accessory shoe via Shoe Base Set.

Fiber optics set to link INON strobe and genuine underwater housing from Canon/Olympus/Panasonic/Fujifilm/Sony/Nikon. Each set consists of necessary component parts for specific camera/housing including durable Optical D Cable Type L, Shade Panel Unit or Holder Unit which mounts the cable on a housing or Mount Base, and Clear Photo System etc. Using fiber optics provides more reliable strobe firing comparing to wireless slave connection especially in bright condition. Maximum two cables can be plugged in the light receiving part to support dual strobe configuration only with optional Optical D Cable Type L.

◻ Optical D Cable Type L / Bush W Set

Optical D Cable Type L/Bush W Sets

Set of Optical D Cable Type L (free length 43cm/17in), Double Hole Rubber Bush for Fiber Optics, Clear Photo System, Shade Sticker and Rubber Bus Base etc.

Optical D Cable SS Type L/Bush W Sets

Bush W Set of Optical D Cable SS Type L (free length 24cm/9in) for a camera system where an external strobe is directly attached on an underwater housing at its accessory shoe via Shoe Base Set.

Fiber optics set which includes Double Hole Rubber Bush for Fiber Optics and Clear Photo System/Shade Sticker to suppress backscatter caused by the built-in flash. The rubber bush is directly plugged in Olympus/Fujifilm OEM housings at their fiber optics ports or via Rubber Bush Base on Canon/Sony/Ikelite housings. The Double Hole Rubber Bush for Fiber Optics can hold maximum two Optical D Cable Type L.

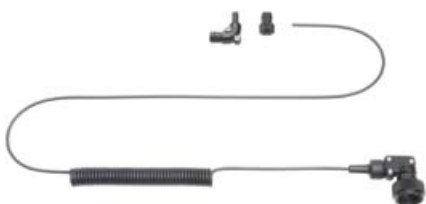## Optical D Cable Type L / Double Hole Rubber Bush Set

Optical D Cable SS Type L/ Double Hole Rubber Bush Set
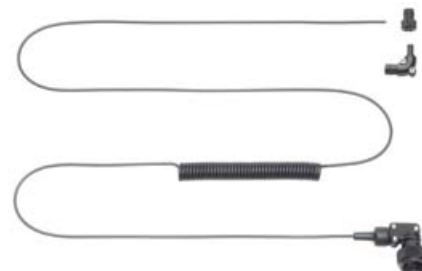
■Free length: approx. 24cm/9in

Optical D Cable Type L/ Double Hole Rubber Bush Set

■Free length: approx. 43cm/17in

Optical D Cable L Type L/ Double Hole Rubber Bush Set

■Free length: approx. 68cm/27in

Optical D Cable LL Type L/ Double Hole Rubber Bush Set

■Free length: approx. 110cm/43in

Fiber optics kit including Double Hole Rubber Bush for Fiber Optics and Rubber Bush Type L. Either rubber bush is plugged in a fiber optics adapter of Olympus/Sea&Sea/Canon housings to hold Optical D Cable Type L. Four different lengths from free length 24cm/9in (SS) up to 110cm/43in (LL) are available to suit to various configurations.

Optical D Slave Cable Type L

Optical D Slave Cable II Type L

■Compatible strobe: Z-240/D-2000 series/D-180 series/Z-220 series

Optical D Slave Cable III Type L

■Compatible strobe: S-2000

An optical cable product to connect two INON strobes. A light receiving part is attached on front surface of a main strobe which is triggered by a camera signal to transmit main strobe's flash light to a sub strobe via optical fiber to fire the sub strobe simultaneously supporting reliable operation and free from synch problem even in bright area. The Optical D Slave Cable is useful to expand your lighting system even camera's optical connector is limited. Two types are available depending on a main strobe to use.

Wireless Connection

Wireless Connection Kit

Optional accessory kit for wireless connection. The kit includes a mirror unit to be attached on strobe slave sensor and camera mirror/camera mirror sticker to be pasted on camera system.
■Compatible strobe: Z-330/D-200/S-2000 (The S-2000 comes with the Wireless Connection Kit)

M11Adapter

Rubber Bush-M11 Adapter

This adapter is to plug Optical D Cable Type L Double Hole Rubber Bush for Fiber Optics Set on screw mount type fiber optics adapter which is used for INON X1-LZ/X1-NZ/X1-Z housings and Optical Converter D/TTL.

Rubber Bush

Double Hole Rubber Bush for Fiber Optics

Rubber Bush Type L

FILTER/DIFFUSER

Filters changing strobe power or color and diffusers increasing strobe beam angle.
INON's filter/diffuser adds various lighting effects to enhance your creativity.

▣ Filter for Z-330

Strobe Dome Filter SOFT

Protect dome lens surface and soften strobe light.
▮Compatible strobe: Z-330/D-200 (packaged in the Z-330/D-200)
▮Effect on strobe power: -0.3EV.

Strobe Dome Filter ND

An ND filter to step down strobe output at -4EV.
▮Compatible strobe: Z-330/D-200
▮Effect on strobe power: -4EV.

Strobe Dome Filter [4900K]

A color filter to warm native color temperature to 4900K.
▮Compatible strobe: Z-330/D-200
▮Color temperature: 4900K

Strobe Dome Filter [4600K]

A color filter to warm native color temperature to 4600K.
▮Compatible strobe: Z-330/D-200
▮Color temperature: 4600K

▣ Diffuser/Filter for S-2000

-0.5 White Diffuser for S-2000

▮Compatible strobe: S-2000 (packaged in the S-2000)
▮Beam angle: Circular 110°
▮Effect on strobe power: -0.5 EV.

-0.5 Blue Diffuser for S-2000

▮Compatible strobe: S-2000
▮Beam angle: Circular 110°
▮Effect on strobe power: -0.5 EV.

Color Temperature Conversion Filter (4900K) for S-2000

▮Compatible strobe: S-2000
▮Beam angle: 105° x95°
▮Color temperature: 4900K

-0.5 (4900K) Diffuser for S-2000

▮Compatible strobe: S-2000
▮Beam angle: Circular 110°
▮Effect on strobe power: -0.5 EV.
▮Color temperature: 4900K

Color Temperature Conversion Filter (4600K) for S-2000

▮Compatible strobe: S-2000
▮Beam angle: 105° x95°
▮Color temperature: 4600K

-0.5 (4600K) Diffuser for S-2000

▮Compatible strobe: S-2000
▮Beam angle: Circular 110°
▮Effect on strobe power: -0.5 EV.
▮Color temperature: 4600K

Beam angle is circular 110°

INON diffusers widen strobe beam angle of the S-2000 to circular 110°. A diffuser is must item for wide shot or to cover variation of strobe positioning even with standard lens. Another advantage of using a diffuser is to soften strobe light, which helps to deliver natural and even light especially for macro shooting. The -0.5 Diffuser drops strobe power only a half stop, so it is possible to use all time unless full flash amount is necessary.

Color temperature of white diffuser is 5400K

White diffusers adjust flash output and widen beam angle with minimal color temperature change. The color temperature of strobe beam through a white diffuser is 5400K which is only 100K less comparing strobe light without the white diffuser. INON white diffuser is designed to have same color temperature of sunlight.

Blue diffusers prevent yellowish/reddish characteristic of digital camera

INON blue diffuser is designed to suppress particular color compensation characteristic to be yellowish/reddish by mainly Canon digital cameras when firing the built-in flash to reproduce natural colors.

Color Temperature Conversion Filters/ Diffusers to warm strobe light

Color Temperature Conversion Filter (4900K) and -0.5 (4900K) Diffuser drop strobe color temperature from 5500K to 4900K. Color Temperature Conversion Filter (4600K) and -0.5 (4600K) Diffuser drop strobe color temperature from 5500K to 4600K. Warming strobe light is useful to capture diver's skin more healthy or accentuate warm color subject. Also converting RAW files at 4900K or 4600K can have richer blue water back ground with natural color subject illuminated by a strobe.

-4.0 ND Filter for S-2000

▮Compatible strobe: S-2000
▮Beam angle: 105° x95°
▮Effect on strobe power: -4.0 EV.

SNOOT SET

Narrow down the strobe light.
Spotlight effect generates new artistic touch on underwater photography.

The INON Snoot Set is an accessory to change beam angle. The various combinations
of two steps telescopic Rubber Hood, Snoot Tube 26 (inner diameter 26mm) and
Snoot Tube 10 (inner diameter 10mm) deliver following sophisticated effects.
●To block extra diffused light eliminating backscatter
●To highlight a subject by illuminating the subject only
●To give a spotlight effect on a subject etc.
The telescopic structure of the Rubber Hood
helps to save space for storage.

Snoot Set for S-2000

Compatible strobe: S-2000
Beam angle: approx. 16° to approx. 105° (horizontal)
Set contents: Rubber Hood 52, W40° Filter LE x 2,
Snoot Tube 10, Snoot Tube 26

Snoot Set for Z-330/D-200

Compatible strobe: Z-330/D-200
Beam angle: approx. 20° to approx. 80°
Set contents: Rubber Hood 72, Rubber Hood Sleeve (for Z-330/
D-200), Step up Ring, W40° Filter LE x 2, Snoot Tube 10, Snoot
Tube 26

■ **When using Snoot Set....**

∗ Always conduct test shots to familiar with the product characteristic
before you take an important shot. When using the strobe in S-TTL Auto
mode for spotlight effect of this product, spot metering mode on a
camera is recommended since average metering mode or multi pattern
metering mode could wash out the center of an image.

∗ When you entry with this product being attached on a strobe, make sure to
evacuate remaining air inside of the Rubber Hood before you get underwater.

∗ Slave D Holder Unit of the Optical D Cable lll Type L (S-2000) is not compatible
with this product.

∗ A diffuser or filter cannot be used together with this product.

∗ The Snoot Tube will reduce available intensity of the built-in Focus Light.

∗ Make sure to cool down the strobe according to instruction manual/Compatible
battery, operational limitation on flashing leaflet provided with the strobe, to
prevent overheating/degradation of light emitting part/inner components. The
light emitting part could have discoloration or burn when excessive repeated
flashes are made. Should you observe any irregularity mentioned above, stop
using the strobe immediately.

∗ Always extend the Rubber Hood when using the Snoot Tube 10 or Snoot Tube
26 together to prevent possible damage on light emitting part and/or inner
circuit of the strobe etc. since generated heat could stay close to the light
emitting part.

ARM SYSTEM

An Arm System is an essential accessory to connect a strobe and housing to control lighting to create more beautiful images. INON offers wide variety of arm products and options from basic to professional level to provide best suited system.

Connection Parts

Various connection parts are available including a direct base which is a fundamental part to extend an arm product etc. from a grip part of an arm base, an adapter or light holder to attach a strobe or LED flashlight on an arm, and a clamp to connect these connection parts each other as like a joint.

Options

Optional accessories to have add-on function including a lens holder to hold an attachment lens on an arm, joint part to hold a strobe or LED flashlight on the middle of arm and a float to add buoyancy underwater.

Arm Body

INON Arm line-up offers different lengths to select most appropriate arm length for different size and kind of subject, shooting conditions like visibility and lens configuration (close-up lens or wide conversion lens) to use. Also there is a selection of functionality among standard Stick Arms, Multi Ball Arms to bifurcate and Float Arms to have buoyancy.

Arm Base

It is necessary to have an arm base to connect a strobe or LED flashlight on an underwater housing. There are three types which are the Grip Base D4 for compact cameras, Grip Base M1 mainly for mirrorless cameras and System Base II for SLR cameras. All of them have integrated grip to hold a strobe or LED flashlight on the top edge of the grip via arm or adapter. For a housing with an accessory shoe, the Shoe Base is available to hold a strobe or LED flashlight directly.

Shoot with Easy and Handy system

A minimum set connecting a strobe and housing via Shoe Base or Grip Base D4 to enjoy both diving and underwater photography with a compact rig. Wireless S-TTL Auto is usable for Z-330/D-200/S-2000.

Single strobe set to start external strobe shooting easily

Z-330   D-200   S-2000

Z Joint

Shoe Base II   Grip Base D4   Shoe Base M6
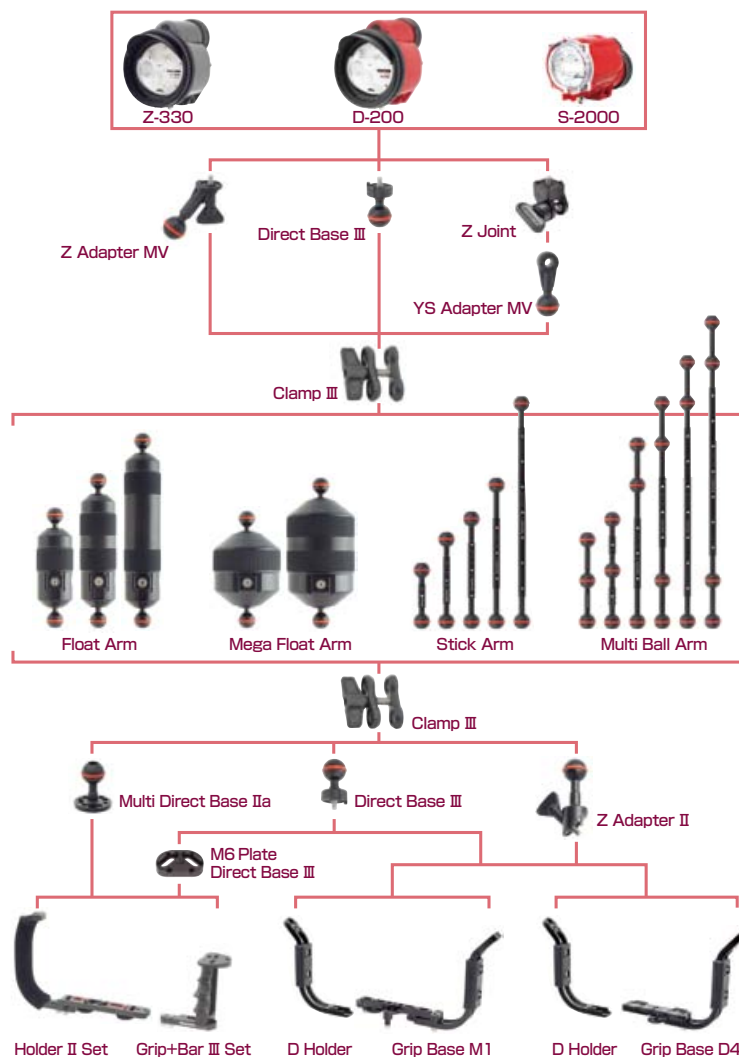
Shoot with Multiple Lighting system

INON offers variety of arms including different length arms, arms to bifurcate and buoyant arms to provide every possible combination to suite to subject size and nature, combined equipment and diving style for more creative and stunning images.

Expands compact digital camera system with extended arms and multiple strobes

Expandable optional accessories reliably support digital SLR housing

Z-330   D-200   S-2000

Z Adapter MV   Direct Base Ⅲ   Z Joint

YS Adapter MV

Clamp Ⅲ

Float Arm   Mega Float Arm   Stick Arm   Multi Ball Arm

Clamp Ⅲ

Multi Direct Base Ⅱa   Direct Base Ⅲ   Z Adapter Ⅱ

M6 Plate
Direct Base Ⅲ

Holder Ⅱ Set   Grip+Bar Ⅲ Set   D Holder   Grip Base M1   D Holder   Grip Base D4

Shoot Vivid Video

A light holder to hold LE/LF series LED flashlight is also available to shoot video. As same as strobe, a video light is attached on an INON arm system. It is possible to combine both strobe and LED flashlight together on a video capable digital camera.

Wide variety of accessories to use vital LED flashlight for videography

LF3100-EW   LF1400-S

LF1300-WEf   LF1000-S   LF800-N

Single Light Holder LF   Strobe Light Holder LF

Z Joint   Z Adapter Ⅱ

YS Adapter MV   Shoe Base Ⅱ   Direct Base YS   D Holder   Grip Base M1   Grip Base D4

ARM BODY

High precision machined aluminum alloy ball-joint.
Rigid setting with lightweight strobe arm.

Stick Arm

Stick Arm XS-T

■Effective length: 75mm(3.0in) ■Full length: 95mm(3.7in)
■Weight: 41g(1.4oz)[air] / approx.25g(0.9oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M6 Joint, UW Tripod Hub

Stick Arm SS-T

■Effective length: 120mm(4.7in) ■Full length: 140mm(5.5in)
■Weight: 51g(1.8oz)[air] / approx.31g(1.1oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M5 Joint + Lens Holder for Float Arm, M6 Joint, UW Tripod Hub

Stick Arm S-T

■Effective length: 150mm(5.9in) ■Full length: 170mm(6.7in) ■Weight: 57g(2.0oz)[air] / approx.34g(1.2oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M5 Joint + Lens Holder for Float Arm,
M6 Joint, Stick Arm Float S (one), UW Tripod Hub

Stick Arm M-T

■Effective length: 200mm(7.9in) ■Full length: 220mm(8.7in) ■Weight: 66g(2.3oz)[air] / approx.39g(1.4oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M5 Joint + Lens Holder for Float Arm,
M6 Joint, Stick Arm Float S (one), UW Tripod Hub

Stick Arm L

■Effective length: 320mm(12.6in) ■Full length: 341mm(13.4in) ■Weight: 101g(3.6oz)[air] / approx.63g(2.2oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M5 Joint + Lens Holder for Float Arm,
M6 Joint, Stick Arm Float S (maximum two)

Aluminum alloy arm designed as stick shape to have less water resistant, ample durability and super lightweight body all together. Five different effective lengths are available to select to suit to a lens or subject. Stick Arms carry broad expandability and various functions with wide range of optional accessories attached on the middle of the arm.

A Lens Holder for Float Arm is attached via M5 Joint.

The Shoe Base is attached via M5 Joint and Shoe Base Spacer to hold a strobe or LED flashlight.

The Direct Base III or Direct Base YS RT can be attached via M6 Joint to hold a strobe/LED flashlight.

The Stick Arm Float S is attached to add approx. 84g/3.0oz buoyancy and support comfortable gripping.

Multi Ball Arm

❶
❷
❸
❹
❺
❻

New concept arm carrying extra ball-joint(s) besides both ends. Only with additional Clamp III, another arm is attached on the middle of a Multi Ball Arm as like diverging a branch to create multiple strobe/LED flashlight system like a tree diagram. Six different effective lengths are available. Multi Ball Arm L and XL have total four ball-joints. As same as Stick Arms, Multi Ball Arms carry various functions with wide range of optional accessories.

Multi Ball Arm SS（❶）

■Effective length: 120mm(4.7in)
■Full length: 141mm(5.6in)
■Weight: 61g(2.2oz)[air] /
approx.37g(1.3oz)[underwater]

Multi Ball Arm S（❷）

■Effective length: 150mm(5.9in) ■Full length: 171mm(6.7in) ■Weight: 70g(2.5oz)[air] / approx.42g(1.5oz)[underwater] ■Compatible options: M5 Joint + Shoe Base Spacer, M6 Joint

Multi Ball Arm ML（❸）

■Effective length: 260mm(10.2in) ■Full length: 281mm(11.0in) ■Weight: 93g(3.3oz)[air] / approx.56g(2.0oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M5 Joint + Lens Holder for Float Arm, M6 Joint, Stick Arm Float S (one)

Multi Ball Arm L（❹）

■Effective length: 320mm(12.6in) ■Full length: 341mm(13.4in) ■Weight: 116g(4.1oz)[air] / approx.69g(2.4oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M5 Joint + Lens Holder for Float Arm, M6 Joint, Stick Arm Float S (one)

Multi Ball Arm LL（❺）

■Effective length: 380mm(15.0in) ■Full length: 401mm(15.8in) ■Weight: 123g(4.3oz)[air] / approx.75g(2.6oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M5 Joint + Lens Holder for Float Arm, M6 Joint, Stick Arm Float S (maximum two)

Multi Ball Arm XL（❻）

■Effective length: 440mm(17.3in) ■Full length: 461mm(18.1in) ■Weight: 145g(5.1oz)[air] / approx.87g(3.0oz)[underwater]
■Compatible options: M5 Joint + Shoe Base Spacer, M5 Joint + Lens Holder for Float Arm, M6 Joint, Stick Arm Float S (maximum two)

Arm

Arm SS

- ■Effective length: 120mm(4.7in) ■Full length: 144mm(5.7in)
- ■Weight: 60g(2.1oz)[air] / approx.40g(1.4oz)[underwater]

Arm S

- ■Effective length: 150mm (5.9in) ■Full length: 174mm(6.9in)
- ■Weight: 70g(2.5oz)[air] / approx.44g(1.6oz)[underwater]
- ■Compatible options: Lens Holder W, Lens Holder S, AD Lens Holder

Arm M

- ■Effective length: 200mm(7.9in) ■Full length: 224mm(8.8in)
- ■Weight: 85g(3.0oz)[air] / approx.52g(1.8oz)[underwater]
- ■Compatible options: Lens Holder W, Lens Holder S, AD Lens Holder

Arm L

- ■Effective length: 320mm(12.6in) ■Full length: 344mm(13.5in)
- ■Weight: 120g(4.2oz)[air] / approx.74g(2.6oz)[underwater]
- ■Compatible options: Lens Holder W, Lens Holder S, AD Lens Holder

YS Arm MS

- ■Effective length: 166mm(6.5in) ■Full length: 187mm(7.4in)
- ■Weight: 70g(2.5oz)[air] / approx.43g(1.5oz)[underwater]
- ■Compatible options: Lens Holder W, Lens Holder S, AD Lens Holder

YS Arm M

- ■Effective length: 203mm(8.0in) ■Full length: 224mm(8.8in)
- ■Weight: 80g(2.8oz)[air] / approx.49g(1.7oz)[underwater]
- ■Compatible options: Lens Holder W, Lens Holder S, AD Lens Holder

Float Arm

Float Arm S

- ■Buoyancy: 75g(2.6oz)[underwater]
- ■Effective length: 150mm(5.9in) ■Full length: 174mm(6.9in)
- ■Outer diameter: 52mm(2.0in) ■Weight: 142g(5.0oz)[air]
- ■Compatible options: Lens Holder for Float Arm, Shoe Base Spacer

Float Arm M

- ■Buoyancy: 135g(4.8oz)[underwater]
- ■Effective length: 200mm(7.9in) ■Full length: 224mm(8.8in)
- ■Outer diameter: 52mm(2.0in) ■Weight: 181g(6.4oz)[air]
- ■Compatible options: Lens Holder for Float Arm, Shoe Base Spacer

Float Arm ML

- ■Buoyancy: 210g(7.4oz)[underwater]
- ■Effective length: 260mm(10.2in) ■Full length: 284mm(11.2in)
- ■Outer diameter: 52mm(2.0in) ■Weight: 235g(8.3oz)[air]
- ■Compatible options: Lens Holder for Float Arm, Shoe Base Spacer

The Float Arm uses weather-resistant ABS material for its component arm body to lighten total weight creating extraordinary buoyancy comparing to existing solid arm type float system together with its hollow arm body design.

Maximum two Lens Holder for Float Arm can be attached.

The Shoe Base is attached via "Shoe Base Spacer" to hold a strobe or LED flashlight.

Mega Float Arm S

- ■Buoyancy: 390g(13.8oz)[underwater] ■Effective length: 150mm(5.9in)
- ■Full length: 174mm(6.9in) ■Outer diameter: 97mm(3.8in) ■Weight: 219g(7.7oz)[air]
- ■Compatible options: Lens Holder for Float Arm, Shoe Base Spacer

Mega Float Arm M

- ■Buoyancy: 650g(22.9oz)[underwater]
- ■Effective length: 200mm(7.9in)
- ■Full length: 224mm(8.8in)
- ■Outer diameter: 97mm(3.8in)
- ■Weight: 295g(10.4oz)[air]
- ■Compatible options: Lens Holder for Float Arm, Shoe Base Spacer

ARM BODY

High precision machined aluminum alloy ball-joint.
Rigid setting with lightweight strobe arm.

Carbon Telescopic Arm

Carbon Telescopic Arm SS

■Effective length: 189mm(7.4in) to 272mm(10.7in)
■Full length: 209mm(8.2in) to 292mm(11.5in)
■Weight: 120g(4.2oz)[air] / approx.57g(2.0oz)[underwater]

Carbon Telescopic Arm S

■Effective length: 260mm(10.2in) to 495mm(19.4in)
■Full length: 280mm(11.0in) to 515mm(20.2in)
■Weight: 211g(7.4oz)[air] / approx.88g(3.1oz)[underwater]

Carbon Telescopic Arm M

■Effective length: 350mm(13.7in) to 770mm(30.3in)
■Full length: 370mm(14.5in) to 790mm(31.1in)
■Weight: 238g(8.3oz)[air] / approx.97g(3.4oz)[underwater]

Carbon Telescopic Arm L

■Effective length: 440mm(17.3in) to 1035mm(40.7in)
■Full length: 460mm(18.1in) to 1055mm(41.5in)
■Weight: 262g(9.2oz)[air] / approx.106g(3.7oz)[underwater]

The Carbon Telescopic Arm is composed of two or three arm sections that allow you to have any desired length easily and quickly by loosening/ tightening lock dial only at half turn. Each arm section is made of multilayer carbon fiber pipe for lightweight and durability. The Carbon Telescopic Arm simplifies the lighting system and makes the camera system more compact comparing to conventional arm system which requires multiple arms connecting with clamps to adjust the distance between camera and strobe/ light. Additionally, the Carbon Telescopic Arm can be used as an adjustable stick for an action camera such as GoPro® to shoot selfie or follow shot. Also usable as tripod legs for INON UW Tripod Hub. Four different lengths of Carbon Telescopic Arm products are available for different applications.

Mega Float Tube S

■Buoyancy: 360g(12.7oz)[underwater]
■Full length: 84mm(3.3in) ■Outer diameter: 103mm(4.0in)
■Weight: 171g(6.0oz)[air]
■Compatible arm: Carbon Telescopic Arm SS/S/M/L
■Compatible options: Lens Holder for Float Arm, Shoe Base Spacer

Mega Float Tube M

■Buoyancy: 500g(17.6oz)[underwater]
■Full length: 109mm(4.3in) ■Outer diameter: 103mm(4.0in)
■Weight: 203g(7.2oz)[air]
■Compatible arm: Carbon Telescopic Arm S/M/L
■Compatible options: Lens Holder for Float Arm, Shoe Base Spacer

Exclusively designed for Carbon Telescopic Arm to generate extraordinary buoyancy underwater with weather resistant ABS material which carries lower specific gravity, and hollow design. Maximum two Mega Float Tubes can be attached on both ends of the Carbon Telescopic Arm. The Float Tube is designed to screw on Carbon Telescopic Arm and fixed with the dedicated lock ring. The Float Tube can hold a Lens Holder for Float Arm or a Shoe Base Spacer on its side.

Optional Lens Holder for Float Arm or Shoe Base Spacer can be attached.

SHOE BASE / UW TRIPOD

Base adapters to hold strobe/light/action camera directly on an accessory shoe.
Customizable underwater tripod to enrich quality of your artistic work.

Shoe Base

Shoe Base Ⅱ
■Weight: 45g(1.6oz)[air] /
approx.20g(0.7oz)[underwater]

Shoe Base 1/4-20UNC
■Weight: 78g(2.8oz)[air] /
approx.45g(1.6oz)[underwater]

Shoe Base M6
■Weight: 69g(2.4oz)[air] /
approx.40g(1.4oz)[underwater]

Shoe Base BALL
■Weight: 52g(1.8oz)[air] /
approx.28g(1.0oz)[underwater]

A base adapter attached on an accessory shoe

These Shoe Bases are to make simple yet compact strobe/light/action camera etc. installation on an accessory shoe (cold shoe) of an underwater housing etc. These Shoe Bases are equipped with large dial, anti-falling hook plate and rubber sheet on their bottom to provide secure installation. Head parts differ among different model having either of YS type, 1/4 inch screw, M6 screw or ball joint. The Shoe Base Ⅱ holds a strobe or LED flashlight in combination with Z Joint or Single Light Holder LE/LF. The Shoe Base 1/4-20UNC can be directly screwed on a conventional digital camera or underwater housing equipped with 1/4-20UNC female screw hole at the bottom. The Shoe Base M6 can directly hold an INON strobe or accessories for an action camera (SD Front Mask, SD Mount Base). The Shoe Base BALL can be linked with any adapter having a ball-joint via clamp.

＊ Optional Accessory Shoe Spacer for Canon is required when installing these products on an accessory shoe of Canon housings.

■**Reliable fixing mechanism**
A large dial helps easy installation/removal. An anti-falling hook plate and rubber sheet prevents rattle or accidental falling.

■**Flexible positioning**
Loosening the Locking Wingnut enables free 360º rotatable and 180º back and forth movement. (1/4-20UNC, M6)

■**Head adapter on a tripod**
The upper part of a Shoe Base product (excl. Shoe BaseⅡ) is removable to attach on a tripod. (1/4-20UNC, M6, BALL)

UW Tripod System

UW 3-Way Panhead

UW Tripod Hub

Customizable underwater tripod with variety of legs, pan-heads

Having UW Tripod Hub as a fundamental part, this newly designed underwater tripod system offers wide variety of configurations of pan-head parts and tripod legs. Whole system is usable in saltwater thanks to specially selected material, surface finishing and assembling method.
The UW Tripod Hub is designed to use INON Carbon Telescopic Arm SS/S/M/L or Stick Arm XS-T/SS-T/S-T/M-T as tripod legs supporting preferable tripod length. The component elevator can hold dedicated UW 3-Way Panhead or head part of Shoe Base 1/4-20UNC, Shoe Base M6 or Shoe Base BALL.
The UW 3-Way Panhead is securely fastened on the UW Tripod Hub with a cap bolt and anti-rotation pins to prevent loosening when panning. Using packaged Panhead Adapter Base can fasten a camera housing or a camera system combined with Grip Base M1 or System BaseⅡ on the pan-head securely through two screws without rattle.

Securely fasten a camera housing via Panhead Adapter Base

BASE TRAY

Holds camera and strobe/light tight.
Expandable versatile arm base.

◻ Grip Base D4

Grip Base D4
■Weight: 250g(8.8oz)[air] /
approx.142g(5.0oz)[underwater]

D Holder
■Weight: 150g(5.3oz)[air] /
approx.77g(2.7oz)[underwater]

Grip Base D4 Set
Combination of Grip Base D4 and Z Joint
supporting wireless function of Z-330/
D-200/S-2000.
■Weight: 296g(10.4oz)[air] /
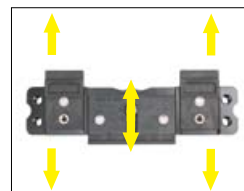approx.165g(5.8oz)[underwater]

A base stay with strobe arm function for compact digital camera housing. Simply attaching an INON strobe directly on the Grip Base D4 to create handy single strobe system. It is also easy to set-up a customized camera system for your shooting style only by adding compatible arm or optional accessory.

No loose ! No rattle !

The Grip Base D4 is equipped with newly developed SPS (Slide Plate System) and directly attached on more than 100 different water-proof housings. The SPS provides loose-proof structure by to-and-fro adjustable main plate and two sub plates to hold bottom part of compatible housing securely (Patent P.). When using a close-up lens or wide conversion lens, the Grip Base D4 is attached on a Mount Base or Lens Adapter Base firmly with two M6 screws. The loose-proof Grip Base D4 supports you to focus on shooting without any extra work to retighten it during use.

Wireless strobe shooting

It's easy to start external strobe shooting right away by simply attaching INON Z-330/D-200/S-2000 strobe on the Grip Base D4 Set thanks to their wireless connection capability. INON strobe benefits you to capture underwater scenery vividly with its powerful output and substantial features.

Unlimited expandability

The Grip Base D4 is compatible with wide variety of INON arm system to attach strobe or LED flashlight. Only additional Direct Base YS RT on a basic setting where a strobe is directly attached on the Grip Base D4 via Z Joint, will add flexibility on lighting options. Combination of Direct Base Ⅲ or Multi Direct Base Ⅱ Long and INON arm further enhances flexibility of strobe positioning to suit to size of a subject or distance to it. Optional D Holder Extension Bar enables to hold a lens holder to carry an attachment lens not in use. Extra D Holder makes it easy to set-up a multiple lighting system with dual strobe on both sides.
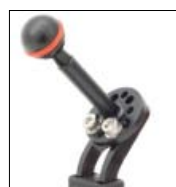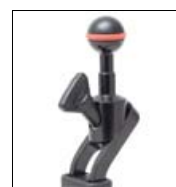
■Slide Plate System
To-and-fro sliding main plate and two sub plates firmly hold leg part of an underwater housing. The Grip Base D4 helps you to focus on shooting without worrying loose or backlash.

■Wireless S-TTL Capability
It is easy to start wireless S-TTL Auto shooting simply by attaching INON Z-330/S-2000/Z-240 Type4/D-2000 Type4 strobe directly on the Grip Base D4 Set.

Z Joint

Direct Base YS RT

Direct Base Ⅲ

Multi Direct Base Ⅱ Long

Z Adapter Ⅱ

D Holder Extension Bar with Lens Holder

Grip Base M1

Arm base for midsize camera housings

An arm base for a midsize underwater housing including a micro four thirds camera and compact digital camera etc. Firmly attached on a housing with two tripod screws. The Base is equipped with legs to provide stable placement of combined housing. Wide variety of INON arm system is compatible with this product as same as the Grip Base D4. It is easy to set-up multiple lighting system with dual strobe configuration by attaching extra D Holder.

Grip Base M1

■Weight: 273g(9.6oz)[air] /
approx.158g(5.6oz)[underwater]
■Compatible Housing:
INON X-2 for GF1, X-2 for GF2
Nikon WP-N1, WP-N2, WP-N3
Sony MPK-URX100A, MPK-HSR1
Olympus PT-EP01, PT-EP03, PT-EP05L,
PT-EP06L, PT-EP08, PT-EP10, PT-EP11,
PT-EP12, PT-EP13, PT-EP14,
PT-053, PT-054, PT-055, PT-056, PT-058

Grip Base M1
(12-24 Tripod Screw Set)

Special version of the Grip Base M1 for a housing which is equipped with 12-24UNC screw holes like Ikelite housings.

30 - 40 mm

44 - 80 mm
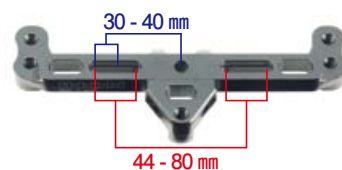
Working range of tripod screws

Removable center stand

CONNECTING PARTS

Connecting parts for base, arm and strobe/LED flashlight.

Clamp Ⅲ

The ClampⅢ links and locks ball-joints of an arm, direct base or adapter each other. Ball-joint receptacles are machined lightweight aluminum alloy to satisfy highly precise and durable requirement. The handle is designed to naturally fit to fingers and made by resin casting to enhance its operability to clamp ball-joints firmly with less power and easy to loosen to adjust relative angle of combined arms.
■Effective length: 36mm(1.4in) ■Weight: 53g(1.9oz)
[air] / approx.33g(1.2oz)[u/w]

Direct Base Ⅲ

The Direct Base Ⅲ is a fundamental part to attach arm system. Directly attached on the Grip Base D4/Grip Base M1/D Holder or via optional plate on a housing or other base products. It is also possible to attach the Direct Base Ⅲ on the middle of the Stick Arm or Multi Ball Arm via optional M6 Joint. Also usable as a strobe adapter. Its ball-joint is made of metal to provide rigid strobe positioning only by lightly fasten the Clamp Ⅲ.
■Effective length: 32mm(1.3in) ■Weight: 35g(1.2oz)
[air] / approx.23g(0.8oz)[u/w]

Multi Direct Base Ⅱ WB

The Multi Direct Base Ⅱ WB has two ball-joints to have two branches of arm enabling more sophisticated lighting such as using one strobe for a subject and the other strobe for background or using a strobe for still imaging and video light for footage. Total 10 fixing holes (M6 x6, M5 x4) on its base provide broad compatibility with major brands' housings/grips and attached thoroughly by two cap bolts.
■Effective length: 86mm(3.4in) ■Weight: 56g(2.0oz)
[air] / approx.33g(1.2oz)[u/w]

Multi Direct Base Ⅱ Long

An aluminum alloy base product to attach an arm on the Grip Base D4 or System BaseⅡ etc. Total 10 fixing holes (M6 x6, M5 x4) on its base provide broad compatibility with major brands' housings/grips, and attached thoroughly by two cap bolts.
■Effective length: 76mm(3.0in) ■Weight: 46g(1.6oz)
[air] / approx.28g(1.0oz)[u/w]

Multi Direct Base Ⅱa

An aluminum alloy ball-joint base to attach an arm on a handle of a digital SLR housing or dedicated mount of a housing etc. The large base plate and fixture by two cap screws assures you reliable connection with combined product and comfortably hold heavy equipment such as an LED flashlight or long strobe arm.
■Effective length: 37mm(1.5in) ■Weight: 33g(1.2oz)
[air] / approx.20g(0.7oz)[u/w]

Z Adapter MV

An adapter to attach Z-330/S-2000/Z-240 strobe or Double Light Holder LE/Stobe Light Holder LE on an arm or Direct Base Ⅲ etc. via clamp. The ball-joint is made from plastic to provide flexible strobe positioning without loosening a clamp to provide comfortable strobe aiming.
■Effective length: 58mm(2.3in) ■Weight: 35g(1.2oz)
[air] / approx.16g(0.6oz)[u/w]

Z Adapter Ⅱ

An aluminum adapter to attach Z-330/D-200/S-2000 strobe or Strobe Light Holder LE/LF. Also usable to add ball-joint vertically or horizontally on top edge of the Grip Base D4/Grip Base M1.
■ Effective length: 59mm(2.3in) ■ Weight: 58g(2.0oz)[air] / approx.36g(1.3oz)[u/w]

M6 Plate Direct Base Ⅲ

The M6 Plate Direct Base Ⅲ is an optional product to attach the Direct Base Ⅲ/Direct Base YS RT on an INON X-2 series housing or System BaseⅡ. Two M6 screw holes with 8mm or more depth and 13mm - 28mm center-to-center distance of screw holes, are required to attach on other brands' base product or housing.
■Weight: 19g(0.7oz)[air] / approx.15g(0.5oz)[u/w]

M5 Plate Direct Base Ⅲ

The M5 Plate Direct Base Ⅲ is an optional product to attach the Direct Base Ⅲ/Direct Base YS RT on other manufactures' base or housing which has M5 screw. Two M5 screw holes with 6mm or more depth and 24mm - 28mm center-to-center distance of screw holes, are required.
■Weight: 19g(0.7oz)[air] / approx.13g(0.5oz)[u/w]

Direct Base YS RT

A YS Mount compatible base adapter which rotates 360 degree to benefit users with flexible aiming of combined lighting device. Directly attached on the Grip Base D4/Grip Base M1/D Holder/Weight Plate or via optional M6 Plate Direct Base Ⅲ or M5 Plate Direct Base Ⅲ on a housing or other base products. It is also possible to attach the Direct Base YS RT on the middle of the Stick Arm or Multi Ball Arm via optional M6 Joint.
■Effective length: 28mm(1.1in) ■Weight: 27g(1.0oz) [air] / approx.10g(0.3oz)[u/w]

YS Adapter MV

An adapter to attach YS joint equipped product such as INON Z-22 strobe, SEA&SEA YS series strobe, Single Light Holder LE/LF or Z Joint, on an arm or Direct Base Ⅲ via clamp. The ball-joint is made from plastic to provide flexible strobe positioning without loosening a clamp to provide comfortable strobe aiming.
■Effective length: 46mm(1.8in) ■Weight: 20g(0.7oz) [air] / approx.7g(0.2oz)[u/w]

YS Adapter

An aluminum alloy adapter to attach YS joint equipped product such as INON Z-22 strobe, SEA&SEA YS series strobe, Single Light Holder LE/LF or Z Joint. The SEA&SEA YS-300 and YS-350 have wider strobe adapter mount and YS Adapter is still usable for them by installing packaged O-ring on a groove of the adapter to accommodate with the strobe adapter mount.
■Effective length: 46mm(1.8in) ■Weight: 36g(1.3oz) [air] / approx.22g(0.8oz)[u/w]

Double YS Adapter MV

An adapter equipped with two YS type arm heads on a ball-joint to hold two strobe/LED flashlight via Z Joint or light holder. The ball-joint is made from plastic to provide flexible strobe/LED flashlight positioning without loosening a clamp.
■Effective length: 91mm(3.6in) ■Weight: 30g(1.1oz) [air] / approx.11g(0.4oz)[u/w]

YS Adapter WB MV

A YS type adapter carrying double ball-joints. Strobes or LED flashlights are attached on the YS type arm head via Z Joint or light holder and on the ball-joint via clamp. The ball-joint is made from plastic to provide flexible strobe/LED flashlight positioning without loosening a clamp.
■ Effective length: 101mm(4.0in) ■Weight: 37g(1.3oz)[air] / approx.13g(0.5oz)[u/w]

YS Adapter Fixing Bolt

A dedicated screw to attach Z-330/D-200/S-2000 strobe etc. on YS type arm head like YS Adapter MV or YS Arm directly.
■Weight: 12g(0.4oz)[air] / approx.8g(0.3oz)[u/w]

Washer Set
(Direct Base Ⅲ both sides mounting)

Dedicated washers to attach two of Direct Base Ⅲ directly on both sides of compatible base.

Cap Screw Set
(Multi Direct Base Ⅱ both sides mounting)

Dedicated screw set to attach any two of Multi Direct Base Ⅱa, Multi Direct Base Ⅱ Long and Multi Direct Base Ⅱ WB directly on both sides of compatible base.

CONNECTING PARTS

Connecting parts for base, arm and strobe/LED flashlight.

Direct Base YS

A YS Mount base adapter specifically to use with Weight Plate to hold lighting device or camera on a diving weight for off-camera lighting or fixed point observation etc.
■Effective length: 26mm(1.0in) ■Weight: 24g(0.8oz) [air] / approx.9g(0.3oz)[u/w]

Weight Plate (Screw Type)

The Weigh Plate is to use a diving weight as like a tripod base to hold INON LED flashlight/strobe/ GoPro® accessory in combination with Direct Base YS, Direct Base YS RT, Direct Base Ⅲ or Multi Direct Base Ⅱa etc. The Weight Plate (Screw Type) is attached on a diving weight firmly with screws and dedicated plates.

Weight Plate (Velcro Type)

The Weigh Plate is to use a diving weight as like a tripod base to hold INON LED flashlight/strobe/ GoPro® accessory in combination with Direct Base YS, Direct Base YS RT, Direct Base Ⅲ or Multi Direct Base Ⅱa etc. The Weight Plate (Velcro Type) is for easy and speedy installation with a Velcro tape.

Z Adapter MV 1/4-20UNC

A ball adapter specifically designed to screw on tripod screw hole (1/4-20UNC) which is generally equipped with a digital camera/underwater housing in the market. This adapter offers various applications as connecting part including attaching compact digital camera on D-SLR camera/housing or attaching on INON weight plate to use diving weight as a tripod base to hold camera system.
■Effective length: 58mm(2.3in) ■Weight: 35g(1.2oz) [air] / approx.16g(0.6oz)[u/w]

1/4 Male Female Tripod Screw

An optional accessory equipped with 1/4-20UNC female tripod screw hole and 1/4-20UNC male tripod screw to attach Z Adapter MV 1/4-20UNC on INON Mount Base/Lens Adapter Base by replacing with original tripod screw of INON Mount Base/Lens Adapter Base.
■Weight: 31g(1.1oz)[air] / approx.29g(1.0oz)[u/w]

1/4 Male Female Tripod Screw
(for Grip Base D4)

An optional accessory equipped with 1/4-20UNC female tripod screw hole and 1/4-20UNC male tripod screw to attach Z Adapter MV 1/4-20UNC on Grip Base D4 by replacing with original tripod screw of Grip Base D4.
■Weight: 36g(1.3oz)[air] / approx.33g(1.2oz)[u/w]

Tripod Adapter

An adapter to attach a strobe or LED flashlight on a tripod with a 1/4 tripod screw. Off-camera lighting technique when using a snoot or back lighting enhances your creative idea to make your underwater photo something special.
■Compatible connecting parts:
Direct Base Ⅲ, Multi Direct Base Ⅱa, Multi Direct Base Ⅱ WB, Multi Direct Base Ⅱ Long, Z Adapter MV, Direct Base YS RT, Shoe Base (Shoe Base Adapter D4 or Shoe Base Adapter X-2 is necessary)

Accessory Shoe Spacer for Canon

A spacer to prevent rattle when attaching the Shoe Base on an accessory shoe of Canon underwater housings.
■Compatible base: Shoe Base Ⅱ, Shoe Base 1/4-20UNC, Shoe Base M6, Shoe Base BALL

Tripod Adapter for D Holder

An adapter to attach an underwater housing with Grip Base D4 or action camera with D Holder on a tripod. Equipped two tripod screw holes further enables to use Panhead Adapter Base bundled with the UW 3-Way Panhead to fasten the camera system on the underwater tripod system securely through two screws without rattle.
■Compatible base: Grip Base D4, D Holder

Z Joint

A joint adapter to attach Z-330/D-200/S-2000 strobe on YS type arm head including Grip Base D4/Grip Base M1/Shoe BaseⅡ/YS Adapter MV/YS Arm/Direct Base YS RT etc. Also usable to attach an LED flashlight product on YS type arm head in combination with Double Light Holder LE, Quad Light Holder LE, Strobe Light Holder LE or Strobe Light Holder LF.
■Effective length: 26mm(1.0in) ■Weight: 46g(1.6oz)[air] / approx.23g(0.8oz)[u/w]

Single Light Holder LE

An optional product to attach single LE series LED flashlight on a YS type arm head. Especially for handy and compact camera system set-up with Shoe BaseⅡ or Grip Base D4.
■Weight: 56g(2.0oz)[air] / approx.31g(1.1oz)[u/w]

Double Light Holder LE

An optional product to attach two LE series LED flashlights on a YS type arm head of the Shoe BaseⅡ or Grip Base D4 in combination with the Z Joint. Pairing with the Z Adapter MV or Z Adapter Ⅱ enables to attach on a ball-joint product with a clamp.
■Weight: 73g(2.6oz)[air] / approx.29g(1.0oz)[u/w]

Quad Light Holder LE

An optional product to attach two or four LE series LED flashlights on a YS type arm head of the Shoe BaseⅡ or Grip Base D4 in combination with the Z Joint. Pairing with the Z Adapter MV or Z Adapter Ⅱ enables to attach on a ball-joint product with a clamp.
■Weight: 116g(4.1oz)[air] / approx.48g(1.7oz)[u/w]

Strobe Light Holder LE

An optional product to attach one or two LE series LED flashlight on compatible lighting arm together with an INON strobe. Directly attached on a YS type arm head like Grip Base D4 in combination with the Z Joint. Pairing with the Z Adapter MV or Z Adapter Ⅱ enables to attach on a ball-joint product with a clamp. Usable as a holder for LE series LED flashlight as well.
■Weight: 67g(2.4oz)[air] / approx.35g(1.2oz)[u/w]

Single Light Holder LE for Tripod

An optional product to attach single LE series LED flashlight on a tripod which is equipped with 1/4-20UNC screw offering various off-camera applications such as back lighting, fish lamp in black water diving etc. Combination with the Shoe Base 1/4-20UNC can install compatible light simply on an accessory shoe of an underwater housing.
■Weight: 29g(1.0oz)[air] / approx.18g(0.6oz)[u/w]

Single Light Holder LF

An optional product to attach single LF series LED flashlight on a YS type arm head. Especially for handy and compact camera system set-up with Shoe BaseⅡ or Grip Base D4.
■Weight: 57g(2.0oz)[air] / approx.31g(1.1oz)[u/w]

Strobe Light Holder LF

An optional product to attach one or two LF series LED flashlight on compatible lighting arm together with an INON strobe. Directly attached on a YS type arm head like Grip Base D4 in combination with the Z Joint. Pairing with the Z Adapter Ⅱ enables to attach on a ball-joint product with a clamp. Usable as a holder for LF series LED flashlight as well.
■Weight: 65g(2.3oz)[air] / approx.35g(1.2oz)[u/w]

Strobe Light Holder LF for Tripod

An optional product to attach single LF series LED flashlight on a tripod which is equipped with 1/4-20UNC screw offering various off-camera applications such as back lighting, fish lamp in black water diving etc. Combination with the Shoe Base 1/4-20UNC can install compatible light simply on an accessory shoe of an underwater housing.
■Weight: 29g(1.0oz)[air] / approx.18g(0.6oz)[u/w]

ARM ACCESSORIES
Dedicated accessories to add functions

M6 Joint

The M6 Joint is an optional product to attach the Direct Base Ⅲ/Direct Base YS RT on a Stick Arm or Multi Ball Arm to hold a strobe or LED flashlight on the middle of arm.
■Weight: 24g(0.8oz)[air] / approx.15g(0.5oz)[u/w]
■Compatible arm: Stick Arm XS-T/SS-T/S-T/M-T/L, Multi Ball Arm S/ML/L/LL/XL

＊The Direct Base Ⅲ combined with an arm via this product, can hold single strobe or two LED flashlights with the Clamp Ⅲ but not able to hold any heavier combination like a strobe and an LED flashlight together, three or more LED flashlights or attaching single strobe or two LED flashlights via arm with two or more Clamp Ⅲ.

M5 Joint

The M5 Joint is an optional product to attach a Lens Holder for Float Arm or the Shoe Base (via Shoe Base Spacer) on a Stick Arm or Multi Ball Arm.
■Weight: 14g(0.5oz)[air] / approx.8g(0.3oz)[u/w]
■Compatible arm:
●When installing Lens Holder for Float Arm
　Stick Arm SS-T/S-T/M-T/L
　Multi Ball Arm ML/L/LL/XL
●When installing Shoe Base Spacer
　Stick Arm XS-T/SS-T/S-T/M-T/L
　Multi Ball Arm S/ML/L/LL/XL

Shoe Base Spacer

An optional product to attach the Shoe Base on a Float Arm, Mega Float Arm or Mega Float Tube. Also usable to attach the Shoe Base on the M5 Joint installed on a Stick Arm or Multi Ball Arm to hold a strobe or LED flashlight on the middle of arm.
■Weight: 20g(0.7oz)[air] / approx.12g(0.4oz)[u/w]
■Compatible arm:
Float Arm S/M/ML
Mega Float Arm S/M
M5 Joint + Stick Arm XS-T/SS-T/S-T/M-T/L
M5 Joint + Multi Ball Arm S/ML/L/LL/XL
Mega Float Tube S/M

D Holder Extension Bar

The D Holder Extension Bar is attached on the Grip Base D4/Grip Base M1/D Holder to hold a lens holder.
■Weight:53g(1.9oz)[air] / approx.34g(1.2oz)[u/w]
■Compatible base: Grip Base D4, Grip Base M1, D Holder
■Compatible lens holder: LD/M67 Lens Holder S, AD Lens Holder (Lens Holder [screw] only), LD/M67 Lens Holder W (Lens Holder [screw] only)

Stick Arm Float S

An optional attachment for a Stick Arm or Multi Ball Arm to provide comfortable gripping and add approx.84g buoyancy underwater to lighten total underwater weight of combined camera system.
■Buoyancy: approx.84g(3.0oz)[u/w]
■Weight: 82g(2.9oz)[air]
■Compatible arm: Stick Arm S-T/M-T/L (Sick Arm L can have two Stick Arm Float S)
Multi Ball Arm ML/L/LL/XL (Multi Ball Arm LL/XL can have two Stick Arm Float S)

Shoe Base Adapter D4

An adapter to attach the Shoe Base directly on the Grip Base D4/Grip Base M1/D Holder/D Holder Extension Bar to hold a strobe via Z Joint or LED flashlight via light holder in compact configuration for free positioning of the lighting device.
■Weight: 10g(0.4oz)[air] / approx.6g(0.2oz)[u/w]
■Compatible arm/base: Grip Base D4, Grip Base M1, D Holder, D Holder Extension Bar, Port Arm for MRS, Port Arm for UFL-MR130 EFS60

Shoe Base Adapter X-2

An adapter to attach the Shoe Base on an X-2 series housing or System Base Ⅱ to hold Z-330/D-200/S-2000 strobe via Z Joint or LE/LF series LED flashlight via light holder for free positioning of the lighting device.
■Weight: 10g(0.4oz)[air] / approx.6g(0.2oz)[u/w]

AD Lens Holder for Float Arm

A lens holder attached on a Float Arm/Mega Float Arm/Mega Float Tube or on the M5 Joint installed on a Stick Arm/Multi Ball Arm to carry AD series/28AD series attachment lens to help comfortable multiple lens handling underwater.
■Weight: 26g(0.9oz)[air] / approx.6g(0.2oz)[u/w]

LD Lens Holder for Float Arm

A lens holder attached on a Float Arm/Mega Float Arm/Mega Float Tube or on the M5 Joint installed on a Stick Arm/Multi Ball Arm to carry 28LD series/LD series attachment lens to help comfortable multiple lens handling underwater.
■Weight: 32g(1.1oz)[air] / approx.7g(0.2oz)[u/w]

＊In combination with AD-LD Mount Converter for UCL-165AD or M67-LD Mount Converter for UCL-330/165M67, other series attachment lens can be attached.

M67 Lens Holder for Float Arm

A lens holder attached on a Float Arm/Mega Float Arm/Mega Float Tube or on the M5 Joint installed on a Stick Arm/Multi Ball Arm to carry M67 series/28M67 series attachment lens.
■Weight: 50g(1.8oz)[air] / approx.25g(0.9oz)[u/w]

AD Lens Holder for Float Arm
LD Lens Holder for Float Arm
M67 Lens Holder for Float Arm compatible arm

・Float Arm S/M/ML
・Mega Float Arm S/M
・M5 Joint + Stick Arm SS-T/S-T/M-T/L
・M5 Joint + Multi Ball Arm ML/L/LL/XL
・Mega Float Tube S/M

LD Lens Holder S

A lens holder attached on an Arm or D Holder Extension Bar etc. to carry 28LD series/LD series attachment lens. Compatible product is sandwiched between Lens Holder [screw] and Lens Holder Base of this product.
■Weight: 44g(1.6oz)[air] / approx.14g(0.5oz)[u/w]

＊In combination with AD-LD Mount Converter for UCL-165AD or M67-LD Mount Converter for UCL-330/165M67, other series attachment lens can be attached.

M67 Lens Holder S

A lens holder attached on an Arm or D Holder Extension Bar etc. to carry M67 series/28M67 series attachment lens. Compatible product is sandwiched between Lens Holder [screw] and Lens Holder Base of this product.
■Weight: 62g(2.2oz)[air] / approx.31g(1.1oz)[u/w]

LD Lens Holder S
M67 Lens Holder S compatible arm/base

・Arm SS/S/M/L
・YS Arm MS/M
・Grip Base D4 (optional D Holder Extension Bar is necessary.)
・Grip Base M1 (optional D Holder Extension Bar is necessary.)
・D Holder (optional D Holder Extension Bar is necessary.)
・Grip Base DⅢ w/ Rubber Grip D
・Grip Base DⅡ w/ Rubber Grip D

AD Lens Holder

A lens holder attached on an Arm to carry maximum two AD series/28AD series attachment lens. Compatible product is sandwiched between Lens Holder [screw] and Lens Holder [hole]. The Lens Holder [screw] is usable as a lens holder on the D Holder Extension Bar and the Lens Holder [hole] is usable as a lens holder for Float Arm as well.
■Weight:
● When attached on both sides 57g(2.0oz)[air] / approx.18g(0.6oz)[u/w]
● When attached on single side 38g(1.3oz)[air] / approx.12g(0.4oz)[u/w]

LD Lens Holder W

A lens holder attached on an Arm to carry maximum two 28LD series/LD series attachment lens. Compatible product is sandwiched between the Lens Holder [screw] and Lens Holder [hole]. The Lens Holder [screw] is usable as LD Lens Holder S and the Lens Holder [hole] is usable as like LD Lens Holder for Float Arm as well.
■Weight:
● When attached on both sides 69g(2.4oz)[air] / approx.20g(0.7oz)[u/w]

＊In combination with AD-LD Mount Converter for UCL-165AD or M67-LD Mount Converter for UCL-330/165M67, other series attachment lens can be attached.

M67 Lens Holder W

A lens holder attached on an Arm to carry maximum two M67/28M67 series attachment lens. Compatible product is sandwiched between Lens Holder [screw] and Lens Holder [hole]. The Lens Holder [screw] is usable as M67 Lens Holder S and the Lens Holder [hole] is usable as like M67 Lens Holder for Float Arm as well.
■Weight:
● When attached on both sides 106g(3.7oz)[air] / approx.60g(2.1oz)[u/w]

AD Lens Holder
LD Lens Holder W
M67 Lens Holder W compatible arm/base

● When using the Lens Holder [screw] and Lens Holder [hole]
・Arm SS/S/M/L
・YS Arm MS/M

● When using the Lens Holder [screw] only
・Arm SS/S/M/L
・YS Arm MS/M
・Grip Base D4 (optional D Holder Extension Bar is necessary.)
・Grip Base M1 (optional D Holder Extension Bar is necessary.)
・D Holder (optional D Holder Extension Bar is necessary.)
・Grip Base DⅢ w/ Rubber Grip D
・Grip Base DⅡ w/ Rubber Grip D

● When using the Lens Holder [hole] only
・Float Arm S/M/ML
・Mega Float Arm S/M
・M5 Joint + Stick Arm SS-T/S-T/M-T/L
・M5 Joint + Multi Ball Arm ML/L/LL/XL
・Mega Float Tube S/M

STICKARM SET

Various Stick Arm Sets with
different lengths and adapters.

▣ Arm Set Z-MV

Direct Arm Z-MV Set

■Effective length: 126mm(5.0in)　■Weight:
123g(4.3oz)[air] / approx.72g(2.5oz)[underwater]
■Set contents: Z Adapter MV, Direct Base Ⅲ, Clamp Ⅲ

Stick Arm XS-T Set Z-MV

■Effective length: 201mm(7.9in)　■Weight:
217g(7.7oz)[air] / approx.130g(4.6oz)[underwater]
■Set contents: Z Adapter MV, Stick Arm XS-T,
Direct Base Ⅲ, Clamp Ⅲ x2

Stick Arm SS-T Set Z-MV

■Effective length: 246mm(9.7in)　■Weight:
227g(8.0oz)[air] / approx.136g(4.8oz)[underwater]
■Set contents: Z Adapter MV, Stick Arm SS-T,
Direct Base Ⅲ, Clamp Ⅲ x2

▣ Arm Set YS-MV

Direct Arm YS-MV Set

■Effective length: 114mm(4.5in)　■Weight:
108g(3.8oz)[air] / approx.63g(2.2oz)[underwater]
■Set contents: YS Adapter MV, Direct Base Ⅲ, Clamp Ⅲ

Stick Arm XS-T Set YS-MV

■Effective length: 189mm(7.4in)　■Weight:
202g(7.1oz)[air] / approx.121g(4.3oz)[underwater]
■Set contents: YS Adapter MV, Stick Arm XS-T,
Direct Base Ⅲ, Clamp Ⅲ x2

Stick Arm SS-T Set YS-MV

■Effective length: 234mm(9.2in)　■Weight:
212g(7.5oz)[air] / approx.127g(4.5oz)[underwater]
■Set contents: YS Adapter MV, Stick Arm SS-T,
Direct Base Ⅲ, Clamp Ⅲ x2

▣ Arm Set D

Direct Arm D Set

■Effective length: 100mm(3.9in)　■Weight:
123g(4.3oz)[air] / approx.79g(2.8oz)[underwater]
■Set contents: Direct Base Ⅲ x2, Clamp Ⅲ

Stick Arm XS-T Set D

■Effective length: 175mm(6.9in)　■Weight:
217g(7.7oz)[air] / approx.137g(4.8oz)[underwater]
■Set contents: Stick Arm XS-T, Direct Base Ⅲ x2,
Clamp Ⅲ x2

Stick Arm SS-T Set D

■Effective length: 220mm(8.7in)　■Weight:
227g(8.0oz)[air] / approx.143g(5.0oz)[underwater]
■Set contents: Stick Arm SS-T, Direct Base Ⅲ x2,
Clamp Ⅲ x2

Stick Arm S-T Set Z-MV

■Effective length: 276mm(10.9in)　■Weight: 233g(8.2oz)[air] / approx.139g(4.9oz)[underwater] ■Set contents: Z Adapter MV, Stick Arm S-T, Direct Base Ⅲ, Clamp Ⅲ x2

Stick Arm M-T Set Z-MV

■Effective length: 326mm(12.8in)　■Weight: 242g(8.5oz)[air] / approx.144g(5.1oz)[underwater] ■Set contents: Z Adapter MV, Stick Arm M-T, Direct Base Ⅲ, Clamp Ⅲ x2

Stick Arm L Set Z-MV

■Effective length: 446mm(17.6in)　■Weight: 277g(9.8oz)[air] / approx.168g(5.9oz)[underwater] ■Set contents: Z Adapter MV, Stick Arm L, Direct Base Ⅲ, Clamp Ⅲ x2

Stick Arm S-T Set YS-MV

■Effective length: 264mm(10.4oz)　■Weight: 218g(7.7oz)[air] / approx.130g(4.6oz)[underwater] ■Set contents: YS Adapter MV, Stick Arm S-T, Direct Base Ⅲ, Clamp Ⅲ x2

Stick Arm M-T Set YS-MV

■Effective length: 314mm(12.4in)　■Weight: 227g(8.0oz)[air] / approx.135g(4.8oz)[underwater] ■Set contents: YS Adapter MV, Stick Arm M-T, Direct Base Ⅲ, Clamp Ⅲ x2

Stick Arm L Set YS-MV

■Effective length: 434mm(17in)　■Weight: 262g(9.2oz)[air] / approx.159g(5.6oz)[underwater] ■Set contents: YS Adapter MV, Stick Arm L, Direct Base Ⅲ, Clamp Ⅲ x2

Stick Arm S-T Set D

■Effective length: 250mm(9.8in)　■Weight: 233g(8.2oz)[air] / approx.146g(5.2oz)[underwater] ■Set contents: Stick Arm S-T, Direct Base Ⅲ x2, Clamp Ⅲ x2

Stick Arm M-T Set D

■Effective length: 300mm(11.8in)　■Weight: 242g(8.5oz)[air] / approx.151g(5.3oz)[underwater] ■Set contents: Stick Arm M-T, Direct Base Ⅲ x2, Clamp Ⅲ x2

Stick Arm L Set D

■Effective length: 420mm(16.5in)　■Weight: 277g(9.8oz)[air] / approx.175g(6.2oz)[underwater] ■Set contents: Stick Arm L, Direct Base Ⅲ x2, Clamp Ⅲ x2

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