



Patima Underwater Engineering Co., LTD

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Manufacturing, export/importing, whole-sale of underwater photography/videography equipment, underwater CCTV systems, underwater lanterns, custom made products for underwater research purposes

Company Vision, Missions and Values:

Since its establishment in August 1998, PATIMA UW_ENG CO., LTD has served as a leading provider and service center for underwater equipment, including equipment for Underwater Photography, Underwater Video, Underwater Lighting, and Underwater CCTV systems.

At present, we export our products to 40 countries around the world while we further strive to broaden our product offerings by developing a new range of Underwater Special Equipment.

We at PATIMA UW_ENG CO., LTD promise to serve you through our premium products and services such as providing assistance and support for underwater photographers and corporations. We aim to eventually open a new era of underwater video equipment in the world market.



iphone 5 Housing



Specifications of iphone 5 Housing

1. Compatible smart phone: iphone 5
2. Material: aluminum, stainless steel, acetal
3. Manufacturing: CNC machining
4. Finishing: anodized after barrel, sanding processes
5. Color: silver
6. Depth rating: 300m
7. Dimensions: 180 x 80 x 37mm
8. Weight: 440g on land
9. Operations: PHOTO/VIDEO mode button, Program operation button, REC button, STOP button, PLAY button



Samsung Galaxy S3 Housing



Galaxy S3 Housing specification

1. Compatible device: Samsung Galaxy S3 smart phone
2. Material: aluminum, stainless steel, acetal
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding processes
5. Color: silver
6. Depth rating: 300m
7. Dimension: 170 x 95 x 60mm
8. Weight: 420g on land
9. Exclusive application: photo shooting, video shooting, confirm/cancel, cross buttons, gallery, SET UP, Sleep Mode button

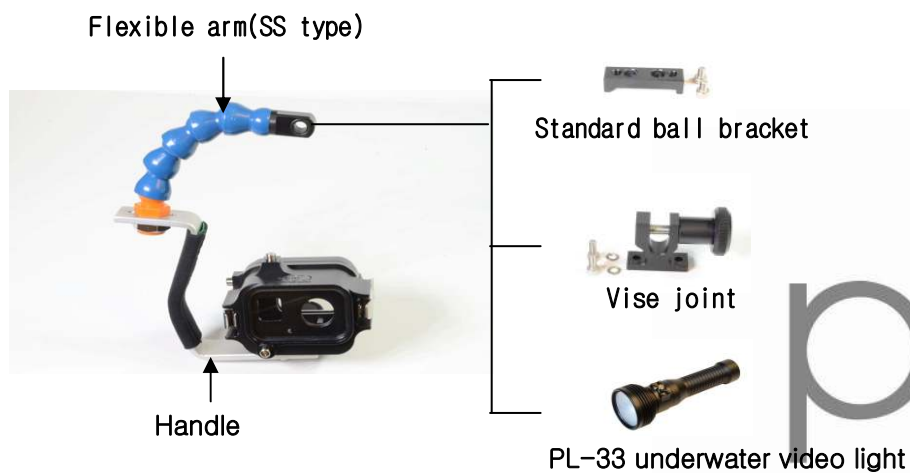


GOPRO HERO-3 Housing



GOPRO HERO-3 Housing specification

1. Compatible device: GOPRO HERO-3
2. Material: aluminum, stainless steel, acetal, copper
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding processes
5. Color: black
6. Depth rating: 200m
7. Weight: 420g on land





Patima RX100 Housing

Exclusive for Sony Cyber Shot RX-100 digital camera



Patima-RX100 specification

1. Compatible device : Sony Cyber Shot RX-100 digital camera
2. Material : aluminum, acetal, stainless steel
3. Manufacturing : CNC machined
4. Finishing : anodized after barrel, sanding processes
5. Color : black
6. Camera installation : one-touch installation
7. Bulkhead : fiber-optic cable adaptor x 2
8. Depth rating : 120m
9. Operational depth : 80m
10. Operations : all functions of Sony Cyber Shot RX-100 digital camera
11. Weight : 1040g on land
12. Dimensions : 140mm x 80mm x 95mm



Canon S110 Housing



Patima-S110 Housing specifications

1. Compatible device : Canon Powershot S110 digital camera
2. Material : marine grade aluminum, acetal, stainless-steel
3. Manufacturing : fully CNC machined
4. Surface treatment : anodized after barrel, sanding processes
5. Color : silver
6. Camera installation : one-touch type installation
7. Bulkhead : fiber-optic cable adaptor
8. Depth rating : 120m
9. Operations : full operations of Canon Powershot S110 digital camera
10. Weight : 820g on land
11. Dimension : 125mm x 95mm x 90mm



Canon S100 Housing



S100 Housing specification

1. Compatible device: Canon POWER SHOT S-100 digital camera
2. Material: aluminum, stainless steel
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding processes
5. Color: silver
6. Camera installation: one-touch installation
7. Bulkhead: fiber-optic cable adaptor
8. Depth rating: 120m
9. Operations: full operation of Canon POWER SHOT S-100 digital camera
10. Weight: 820g on land
11. Dimension: 125 x 95 x 90mm



Canon G15 Housing

For Canon Powershot G15 digital camera



G15 Housing specification

1. Compatible device : Canon PowerShot G15 digital camera
2. Material : marine grade aluminum
3. Manufacturing : CNC machining
4. Color : black
5. Surface treatment : anodized after barrel, sanding processes
6. Bulkhead connection : Patima type 6pin bulkhead, Nikonos type 5pin bulkhead(option)
7. Slave synchronization : fiber-optic cable adaptor x 2
8. Port : 67mm mount, optical glass
9. Depth rating : 120m
10. Operational depth : 80m
11. Dimensions : 150 x 125 x 80mm (exclude the port)
12. Weight : 1,200g on land



Canon 650D Housing



Canon 650D Housing

1. Compatible device: Canon DSLR EOS-650D digital camera
2. Material: aluminum, stainless- steel, acetal
3. Manufacturing: CNC machining of aluminum ingot
4. Surface treatment : anodized after barrel, sanding processes
5. Color : black
6. Camera installation : saddle type
7. Port : (option) 160mm dome port(optical lens, anti-reflection/anti-fogging coated)
160mm dome port(acrylic port), 60mm macro port(optical flat glass port, anti-reflection/anti-fogging coated). 10mm, 30mm, 40mm extension ring, Exclusive zoom port for EF-S 10-22mm F3.5-4.5 lens(available to control the zoom ring from the dome)
8. Port installation : 100mm diameter screw type
9. Viewfinder : 3 groups 4 lenses, optical viewfinder(included)
10. Bulkhead : 6pin Patima bulkhead x 2 (included)(choice),
5pin Nikonos bulkhead x 2 (included)(choice)
11. Synch cord : Patima-TTL 6pin cord(for Canon 580EX2 flash housing)
Nikonos type 5pin cord(for other 5pin connection strobes)
12. Depth rating : 120m
13. Weight : 3,200g on land(including camera, 60mm macro lens, macro port and handles),
-30g in underwater(about neutral)
14. Dimension : 185mm x 165mm x 115mm(except port and handles)
15. Operations : all functions of Canon EOS-650D camera

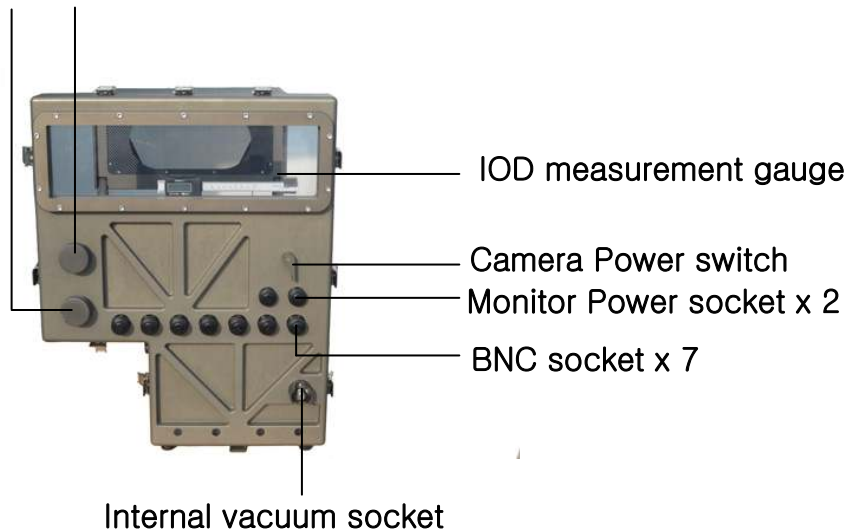


Patima 3Dcinema-1

Underwater 3D video housing system
for RED EPIC/SCALET/C-300/C-500(compatible)



Convergence/IOD Dial



- Electric focus control system for additional housings
- Manual operations for IOD, CON in underwater (electric operation system(option))
- Manual operations for RUN/STOP in underwater (electric operation system(option))
- Fully CNC machined aluminum rig system/underwater housing
- Depth rating: 120m
- Weight in underwater: 63Kg(including EPIC camera x 2)
- Dimensions(housing): 434mm(D) x 434mm(H) x 350mm(W)

Patima Cinema-2

Compatible underwater housing system for RED-1/EPIC / SCARLET /ALEXA /C-300/C-500



Front view of the housing



Back view of the housing



Right side view of the housing



Left side view of the housing

Patima Cinema-2 underwater housing specifications

1. Compatible devices : RED-1/ALEXA/EPIC/SCARLET/C-300/C-500
2. Material : aluminum, stainless steel, acetal, copper
3. Manufacturing : full CNC machining of aluminum ingot
4. Finishing : anodized after barrel, sanding processes
5. Color : black
6. Depth rating : 200m



Underwater 3D videography system: 3Diver specification

1. Compatible device: Panasonic HDC-TM700 camcorder x 2
2. Material: aluminum, stainless steel, acetal
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding processes
5. Color: silver
6. Camera installation: vertical rig, parallels rig, saddle type
7. Depth rating: 120m
8. Weight: 15kg on land, 10kg positive buoyancy in underwater
9. Dimension: 290 x 280 x 290mm
10. Operations: Power ON/OFF button, START/STOP button, Zoom-in button, Zoom-out button, EXT display button, controls two camcorders from outside of the housing



SMART Housing Series



SMART Video Housing for Sony camcorders specification

1. Compatible device: Sony HDR–XR550, MC50
2. Material: aluminum, stainless steel, acetal
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding processes
5. Color: silver
6. Camera installation: saddle type
7. Depth rating: 120m
8. Weight: 4,300g on land, slightly negative buoyancy in underwater
9. Dimension: 150 x 300 x 140mm
10. Operations: Power ON/OFF, Zoom IN/OUT, PHOTO, REC, STANDBY, Manual Focus, Manual Exposure, Manual White Balance, Manual Shutter Speed, AE Shift, PLAY, all menu settings





Canon EOS 5D MARK3 Housing specification

1. Compatible device: Canon EOS 5D MARK3
2. Material: aluminum, stainless steel, acetal, copper
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding processes
5. Color: black
6. Depth rating: 300m(main body)



Nikon SB900 SPEEDLIGHT strobe Housing



Nikon SB900 SPEEDLIGHT strobe Housing specification

1. Compatible device: Nikon SB900 SPEEDLIGHT
2. Material: aluminum, acetal
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding processes
5. Color: black
6. Device installation: saddle type
7. Cord: Nikonos type TTL 5pin cord(option)
8. Depth rating: 90m
9. Weight: 1,300g on land, positive buoyancy in underwater(including the strobe and the batteries)
10. Dimension: 220 x 110mm
11. Operations: all functions of Nikon SB900



Canon 580EX2 strobe Housing



Canon 580EX2 strobe Housing specification

1. Compatible device: Canon 580EX2
2. Material: aluminum, acetal
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding processes
5. Color: black
6. Device installation: saddle type
7. Cord: Patima type TTL 6pin cord(option)
8. Depth rating: 90m
9. Weight: 1,300g on land, positive buoyancy in underwater(including the strobe and the batteries)
10. Dimension: 220 x 110mm
11. Operations: all functions of Canon 580EX2





Underwater Cineroid External Monitor System



Patima-Cineroid HD external monitor housing specification

1. Built-in LCD monitor: Cineroid EVF
2. Material: aluminum, stainless steel, acetal, copper
3. Manufacturing: CNC machining
4. Surface treatment: anodized after barrel, sanding process
5. Color: black
6. LCD monitor: 3.2 inch
7. Bulkhead: Patima-BNC type with o-ring seal
8. Cord connection: Patima-BNC type with o-ring seal
9. Depth rating: 200m



Underwater Okii System



Okii system(USB line connection controller for Canon cameras) is adaptable to Patima underwater housings.

The product is designed to be installed on the right handle of Patima EOS-5D Mark3 housing.

It provides comfortable operation in underwater with ON/OFF switch, 9 buttons and dials.

Connection through Patima USB underwater connector.

Features of Okii system

Functions with Canon 1D Mark IV, 5D Mark II, 5D Mark III, 7D, 60D, 600D, 550D, AND 500D

Controls focus by use of lens AF motor

Starts/stops video recording

Toggles live view on/off

Initiates image capture

Initiates autofocus and metering

Saves and returns to four focus points*

Cycles digital zoom 1x/5x/10x to aid in focusing

Adjusts focus step size and focus command send rate

Adjusts ISO, aperture, shutter speed, and exposure compensation

Adjusts focus zone positioning

30+ hour battery life on two AAA alkaline batteries

1/4" -20 mount on back plate for rig mounting

CNC milled from 6061 aluminum

Approx. 4.7 oz(133g) total weight with included batteries

Made in USA

Patima PL-30 Power LED Light



Patima PL-30 underwater lantern specifications

1. Material : aluminum, acetal, stainless steel
2. Manufacturing process : fully CNC machined
3. Finishing : anodized after barrel, sanding processes
4. Color : black
5. Power : 4/3FA, 18650(Lithium-ion) battery x 1
6. Battery installation : exclusive case for 18650(Lithium-ion) battery
7. Burning time : 150 ~ 200mins in full power
8. Recharger : JIL LITE JC-2000 double cells recharger, cell phone recharger
(18650 battery holder is necessary)
9. Bulb : 10W, 1300 Lumen, Cree ARR2-XM, High-Power LED bulb
10. Beaming angle : 30°
11. Power switch : one-touch type power ON/OFF switch
12. Depth rating : 120m
13. Weight : 250g on land
14. Dimensions : 40mm x 175mm



Patima PL-33 underwater video light

Power LED Light

Designed for smart phone housings



Patima PL-33 Power LED specifications

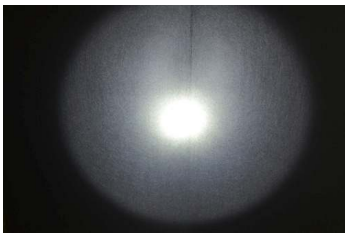
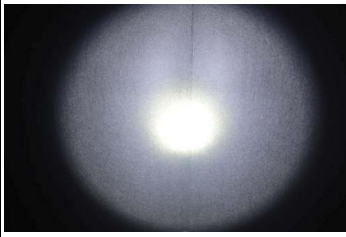
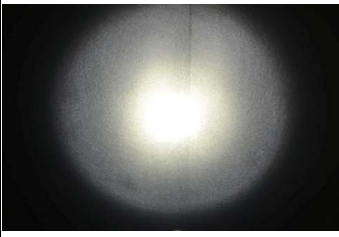
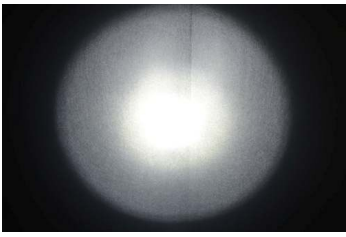
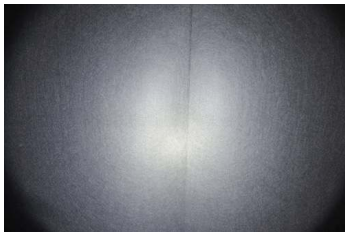
1. Material : aluminum, acetal, stainless steel
2. Manufacturing process : fully CNC machined
3. Finishing : anodized after barrel, sanding processes
4. Color : black
5. Power : 4/3FA, 18650(Lithium-ion) battery x 1
6. Battery installation : exclusive case for 18650(Lithium-ion) battery
7. Burning time : 150 ~ 200mins in full power
8. Recharger : JIL LITE JC-2000 double cells recharger, cell phone recharger
(18650 battery holder is necessary)
9. Bulb : 10W, 1300 Lumen, Cree ARR2-XM, High-Power LED bulb
10. Beaming angle : 90°
11. Power switch : one-touch type power ON/OFF switch
12. Depth rating : 120m
13. Weight : 280g on land
14. Dimensions : 61mm x 182mm





Comparison chart of Patima underwater lanterns

(angle, beam power)

PL-20	PL-900	PL-1300
		
PL-30		PL-33
		



Patima LED Lanterns



PL20 LED lantern



PL50 LED lantern



PL65 LED lantern



PL900 LED lantern



PL1100 LED lantern



PL1300 LED lantern



PL2700 S type LED lantern



PL2700 W type LED lantern(underwater video lighting)



Standard joint
(S type)



Standard joint
(F type)



200mm arm



200mm buoyancy
arm
(S, L type)



Cramp



Deluxe type
tray package



One-touch arm



Accessory shoe
joint (F type)



Accessory shoe
joint (S type)



Flexible arm
(L type)



Flexible arm
(S type)



Flexible arm
(SS type)



Standard ball
bracket



Vise joint



Flexible arm joint



Tray package for
PT housing series



Handle(SS type)



Handle



Patima accessories for underwater photography(2/3)



Tray
package(single)



Tray
package(double)



Tray



Patima O-Ring
package



Patima housing
main O-Ring



O-Ring grease



Patima type 5pin
sync cord



Patima type 6pin
sync cord



Nikonos type 5pin
bulkhead



Patima type 6pin
bulkhead



Cap for Nikonos
type 5pin bulkhead



Cap for Patima
type 6pin bulkhead



Cap for Patima
type 5pin sync
cord



Cap for Patima
type 6pin sync
cord



Patima housing
saddle



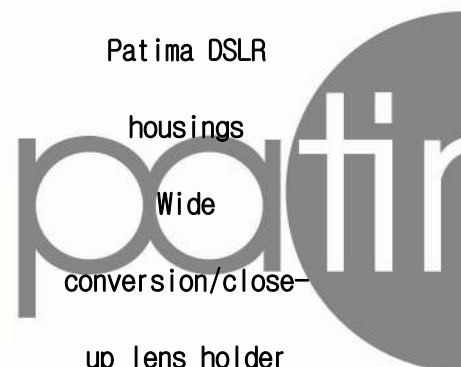
Mode cap for
Patima DSLR
housings



Extension bracket



Wide
conversion/close-
up lens holder





Patima accessories for underwater photography(3/3)



PL lantern handle



Fiber-optic cable adaptor for Patima housings(P type)



Fiber-optic cable adaptor for Patima housings (S type)



Housing carrying handle



CCTV handle/holder



External monitor hood



HERO-2. 3 housing handle



HERO-2. 3 housing hand grip-1



HERO-2. 3 housing hand grip-3



HERO-2. 3 housing tripod adaptor



Battery holder for PL-65 lantern



Battery holder for PL-50 lantern



Battery holder for PL-20 lantern



Battery holder for PL-30, 33 lantern



Holder for PL-20 lantern

