May, 2023

NA - R6
For Canon R6 Camera

PN 17334

User Manual
Housing
FF- MIL

INTRODUCTION

Thank you for purchasing this Nauticam product.

Before using the product, please read this manual thoroughly to familiarize yourself with full scope of functions on the product as well as ensuring that you will use the product correctly.
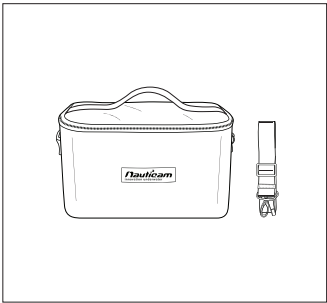
PACKAGE CONTENTS

Make sure that you have all the included items listed below before using this product.
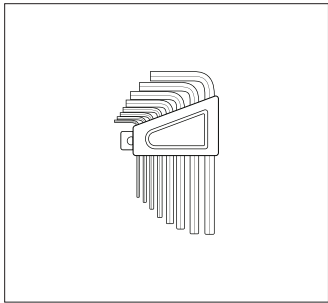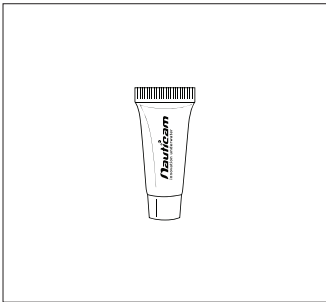If some items are missing or damaged, contact your local Nauticam dealer.
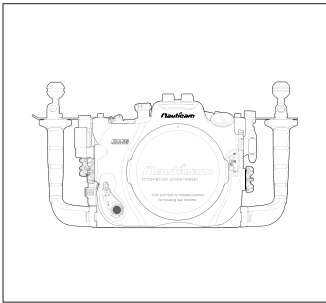
NA-R6

(2 x Handles with Mounting Balls, 1 x Housing Cap,
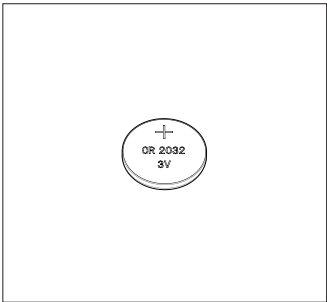2 x Optical Fiber Mount Caps, 2 x Stainless Steel Handle Brackets)

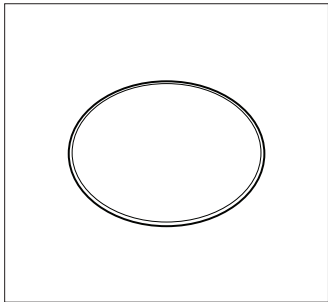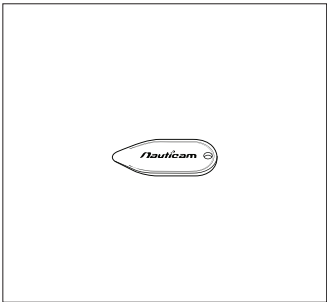Padded Travel Case

Allen key set

Lubricant

Panasonic CR2032 Battery
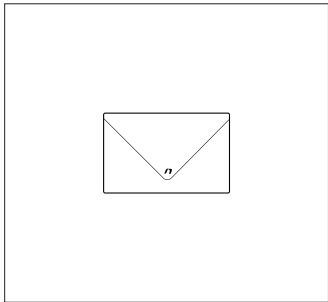
(pre-installed for Moisture Alarm)

Spare Main O-ring

After purchase, we suggest that you reuse all packaging materials for future travelling.

O-ring Remover

Manual Instruction Card

IMPORTANT INSTRUCTIONS

1

Water-tight test of the housing (without camera inside) before usage is recommended as well as any O-ring renewal and port change.

2

Do not seal the housing when travelling by air as this may lead to a pressure difference between the atmosphere and inside the housing.

3

Only the accesories specified by Nauticam must be used. Third-party accessories may result in malfunctions or damage to the product.

4

Use only Nauticam lubricant on silicone rubber O-ring.

5

Do not stretch any O-rings excessively. Only remove it using Nauticam O-ring remover.

⚠ 6

Discontinue use immediately when there is a sign of leakage.

7

Do not attempt to remove parts of the housing yourself. Repairs must be done at authorized service centers only.

8

The housing should be positioned on the a stable and safe surface on land.

9

Do not expose the housing in direct sunlight for a prolonged period.

10

Do not open the housing in wet or sandy environment. Protect the housing from moisture and debris in order to prevent malfunction or leakage.

11

Prevent any sand or dust or water penetration inside the housing. Be extra careful when changing lens and inserting or removing the camera.
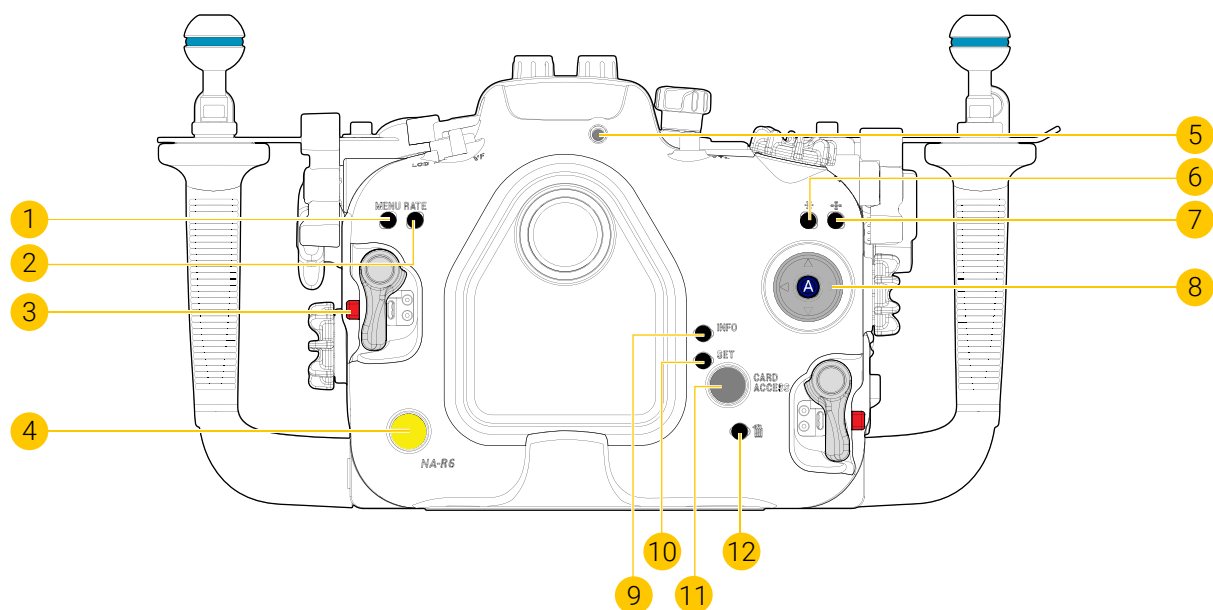
⚠ 12

This product is not intened for use by children, or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised and/or given instruction by a responsible person concerning use of the product to ensure that they can use it safely.
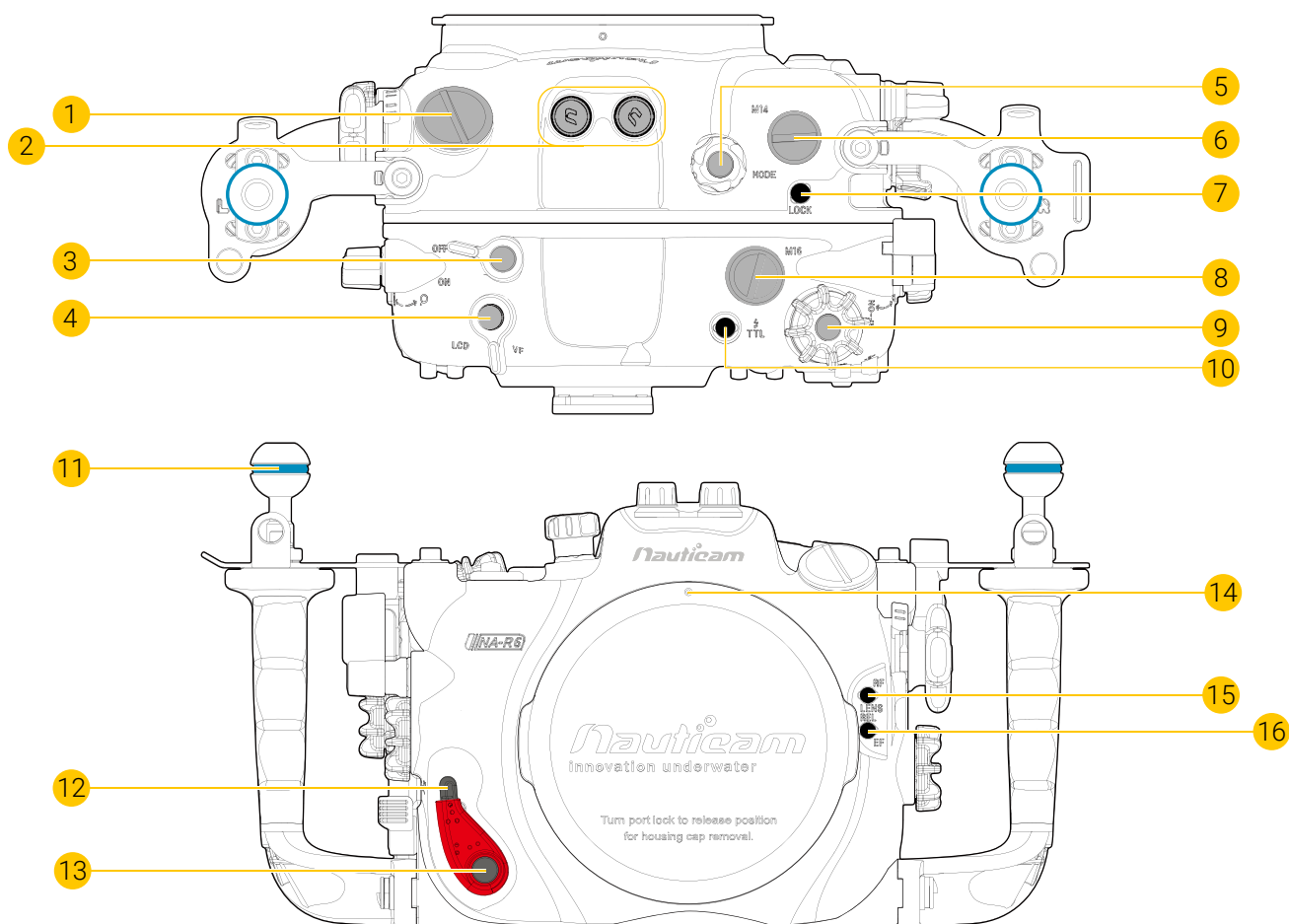
PART NAMES AND FUNCTIONS

|			
1	Menu button	2	Rating/Voice memo button
3	Housing unlock button	4	Moisture alarm window
5	TTL Indicator Window	6	AE lock button
7	AF point selection button	8	Multi selector
9	Info button	10	Set button
11	Access lamp	12	Delete button
A	Multi selector - center		

PART NAMES AND FUNCTIONS

1	M24 Accessory port	2	Optical cable connector
3	Main switch	4	LCD/Viewfinder lever
5	Mode dial	6	M14 Accessory port
7	Multi-function lock button	8	M16 Accessory port
9	Quick control dial 2	10	TTL flash on/off
11	Accessory mounting ball	12	Port lock safety button
13	Port locking lever	14	Port index mark
15	RF mount lens release button	16	EF mount lens release button

PART NAMES AND FUNCTIONS
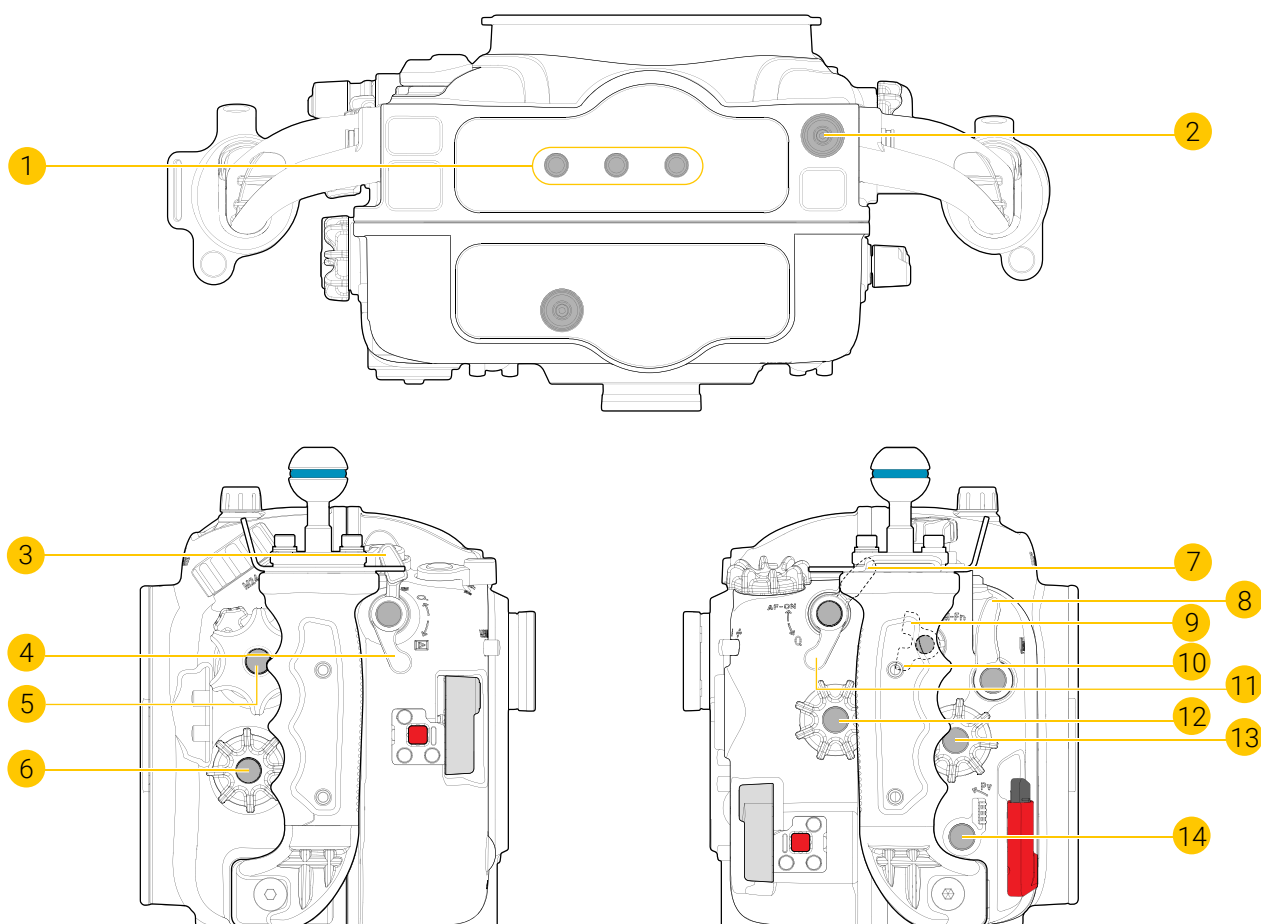
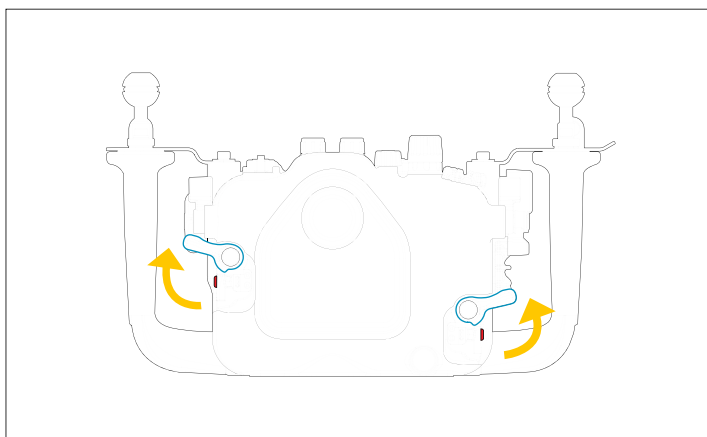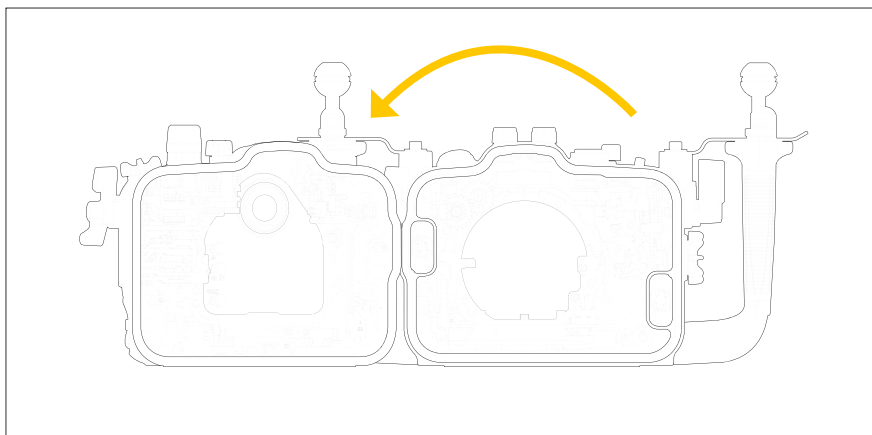|			
1	1/4" Threaded tripod holes	2	Zinc Anodes
3	Magnify/Reduce button	4	Playback lever
5	Zoom/Focus dial	6	Control ring mount adaptor Fn
7	AF Start button	8	Shutter release lever
9	M-Fn lever	10	REC lever
11	Quick control lever	12	Quick control dial 1
13	Main dial	14	Preview lever

OPENING THE HOUSING

1
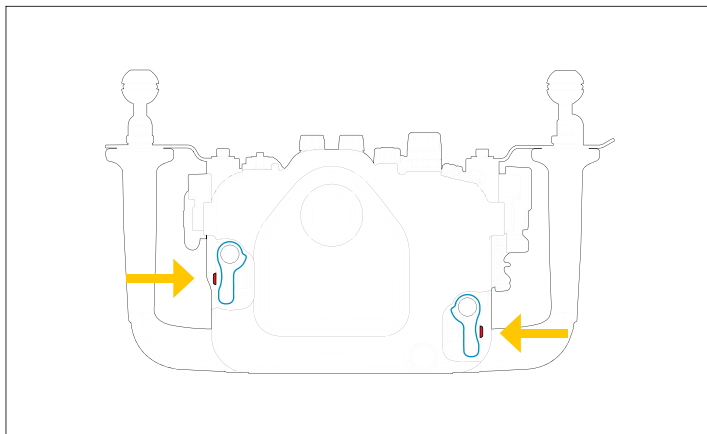
depress housing unlock button

2

turn housing lock outward

3

lift up the back housing

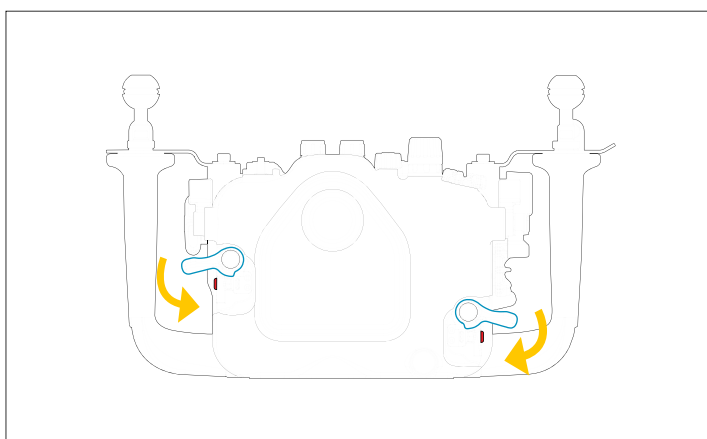# CLOSING THE HOUSING

1
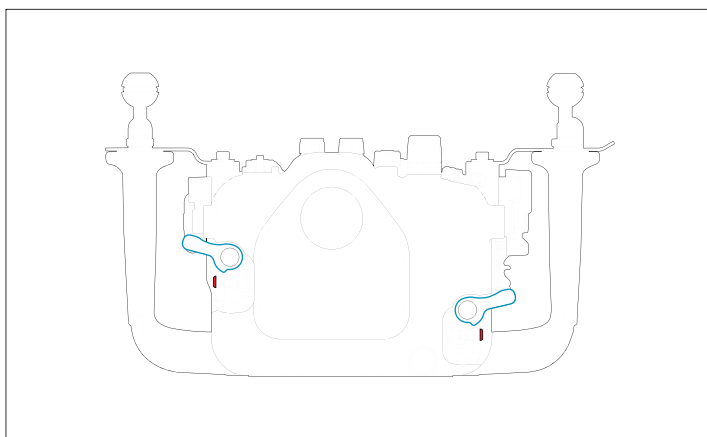
before closing the housing, clean and lubricate the main O-ring
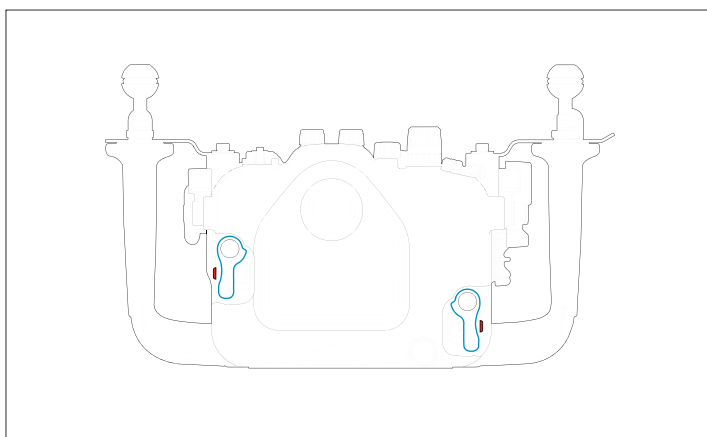
make sure nothing is caught between front and back housing and that they are fully aligned before locking

2

turn housing lock inward until you hear and feel it click into place
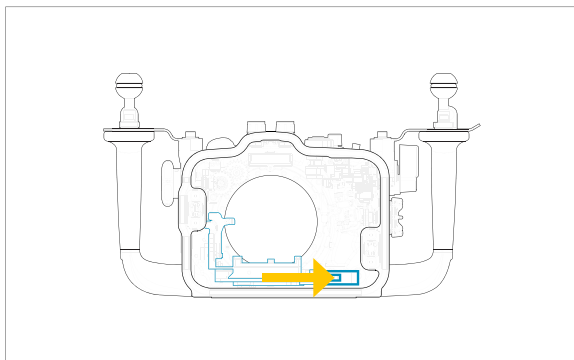
3

housing locked in place securely

PREPARATION FOR USE

1

unlock camera tray lever and remove the tray from the housing

2
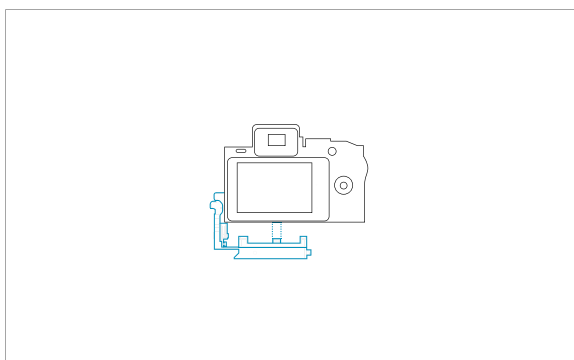
attach the camera tray by tightening the tray screw into the tripod socket of the camera

3
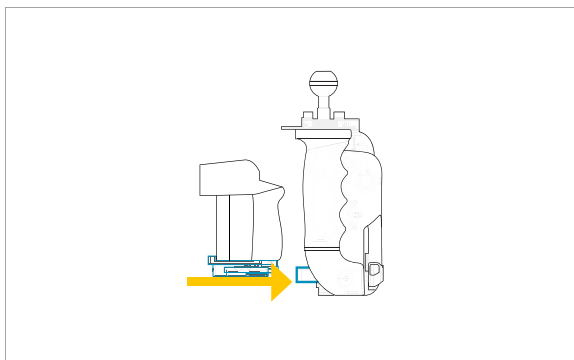
pull out the zoom/focus knob if installing the camera with lens and gear attached
please refer to page 10 for lens installment before sliding in the camera

slide the camera tray back into the housing along the tray rail

4

lock camera tray

place the zoom/focus knob in place and make sure it is engaged with lens gear

PREPARATION FOR USE

RF mount lens

make sure the small lever is in vertical position before RF mount lens installment

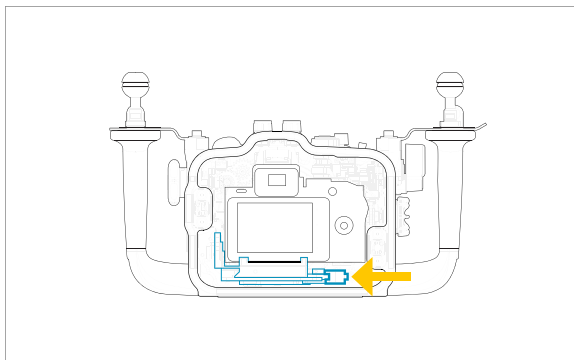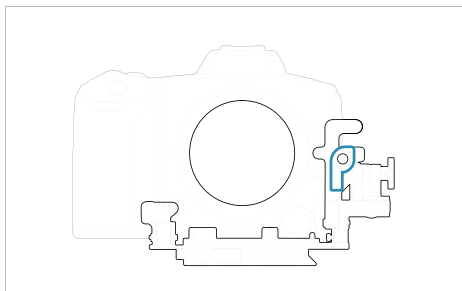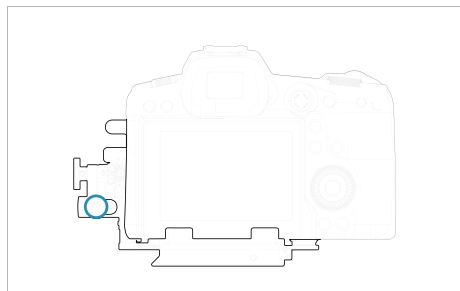make sure the small gear engagement knob on housing tray is on the left

EF mount lens

with Canon EF to EOS R mount adaptor

make sure the small lever is in horizontal position before EF mount lens installment
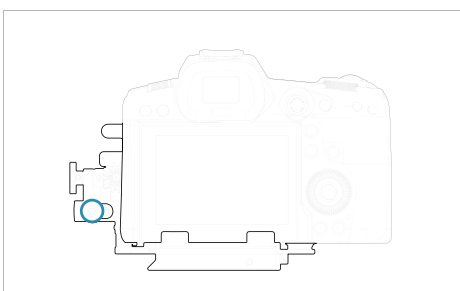
make sure the small gear engagement knob on housing tray is on the left

EF mount lens

with Canon EF to EOS R control ring adaptor
* 19561 gear is required for this setup
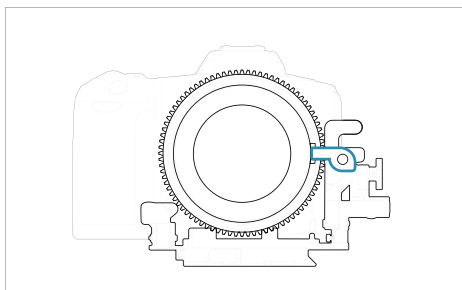
make sure the small lever is in horizontal position before EF mount lens installment
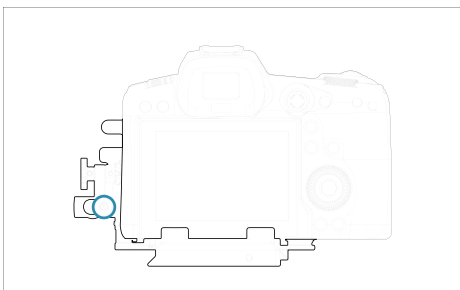
make sure the small gear engagement knob on housing tray is on the right

PREPARATION FOR USE

EF mount lens

with Canon Drop-in filter
mount adpator EF-EOS R
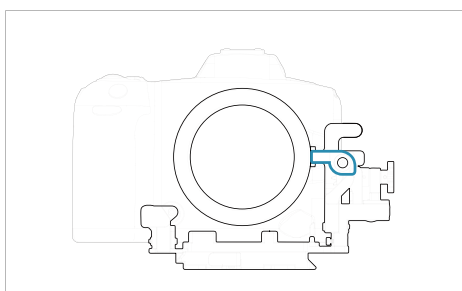with variable ND filters
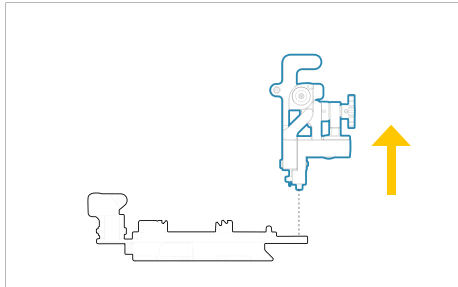
remove the original control kit from the
camera tray
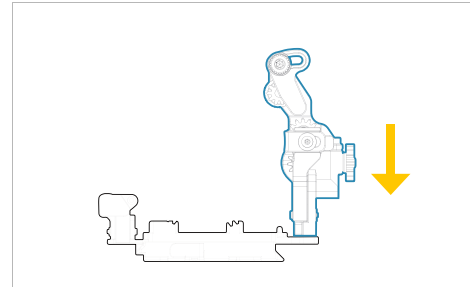
replace it with 26320 control kit for Canon
drop-in filter mount adaptor
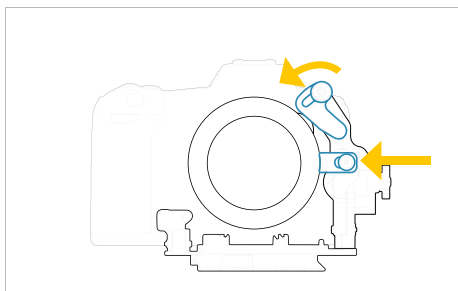
rotate the small lever and push the small
gear engagement knob to the left to make
sure the control kit is engaged with the
adaptor for full function

PREPARATION FOR USE

1
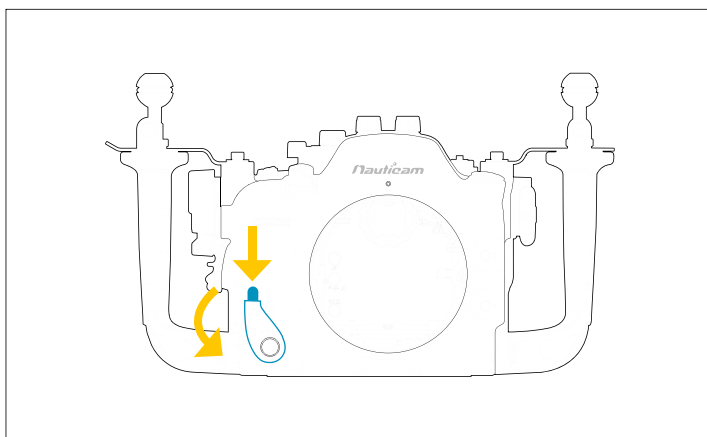
depress safety button and rotate anti-clockwise

2
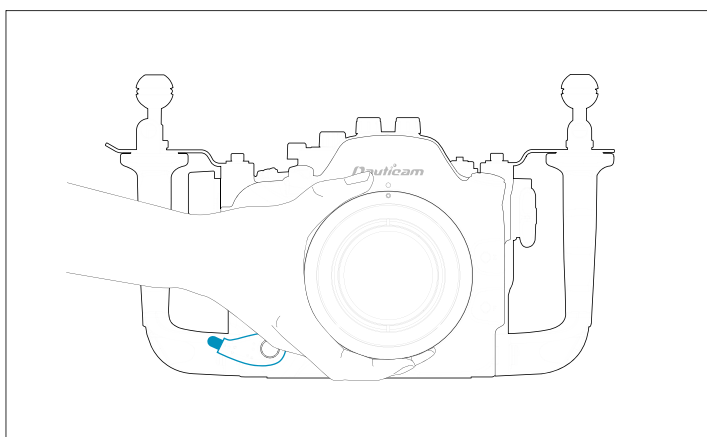
lubricant the port O-ring before mounting

align index mark

push port assembly straight in

3
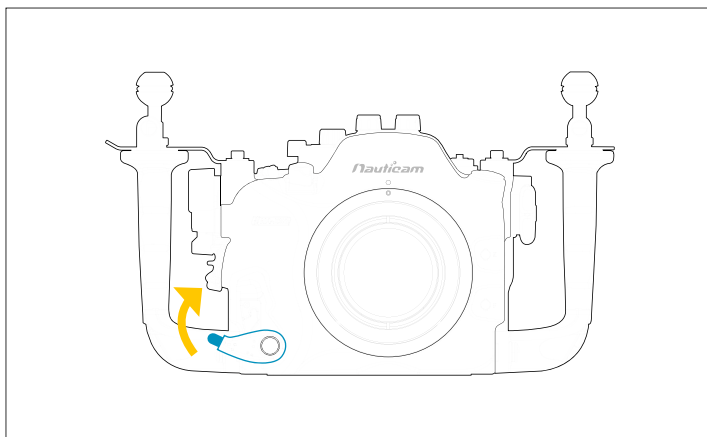
rotate locking lever clockwise to lock

PREPARATION FOR USE
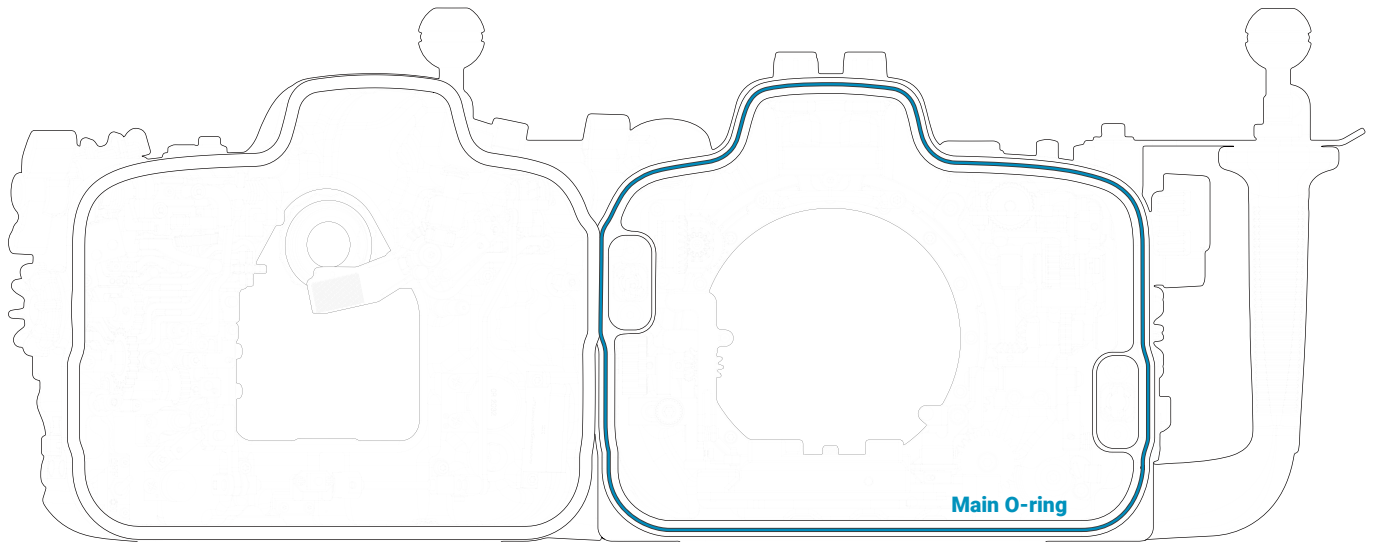
Main O-ring

1

remove the main O-ring using an O-ring remover

2

clean the O-ring groove with a cloth and ensure
that it is free from salt or other foreign materials

3

lightly coat it with provided lubricant

4

return the main O-ring by slowly pressing from
one corner to the whole perimeter

PREPARATION FOR USE

CR2032 Battery

Alarm ON/OFF
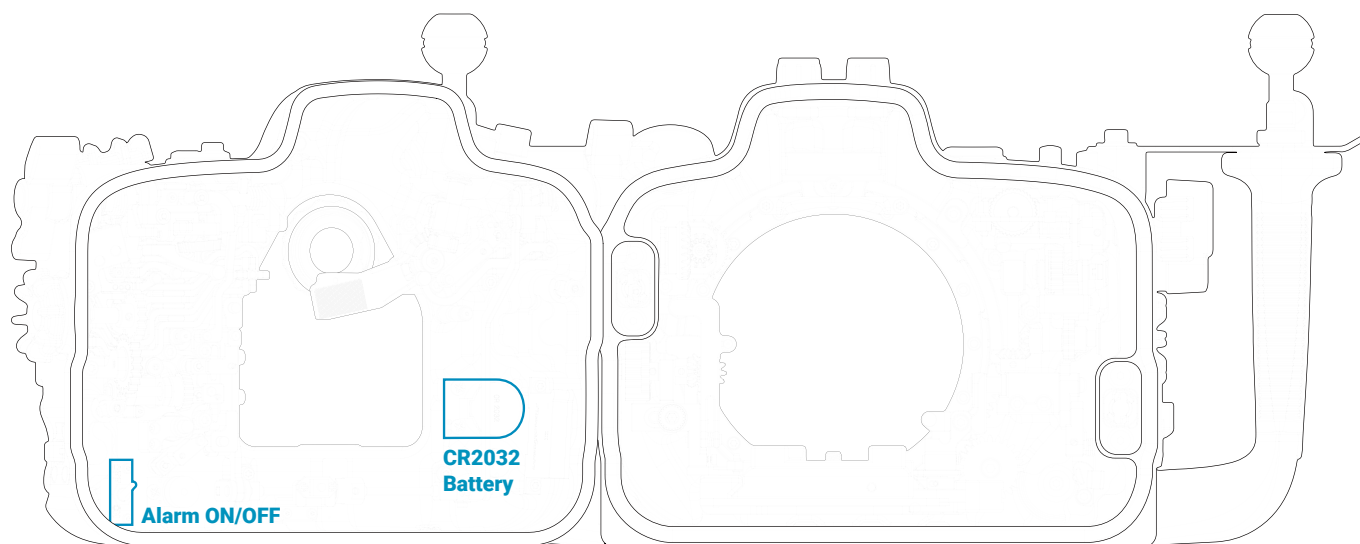
1
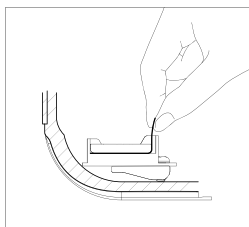
remove battery insulation film

2
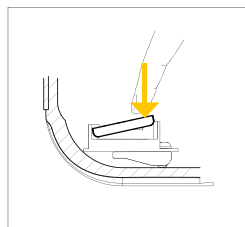
press the battery down until it click into place

3
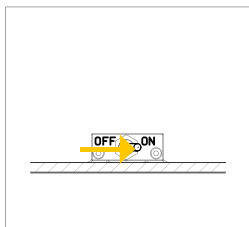
switch on the alarm
- the moisture alarm window will flash in BLUE when it is working correctly

4
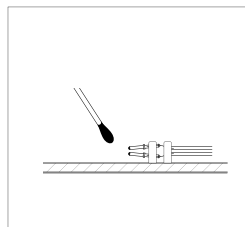
test the alarm
- connect the wires with a dampened cotton bud; the alarm will give a repeating 'beep' and the mositure alarm window will flash RED

PREPARATION FOR USE

1
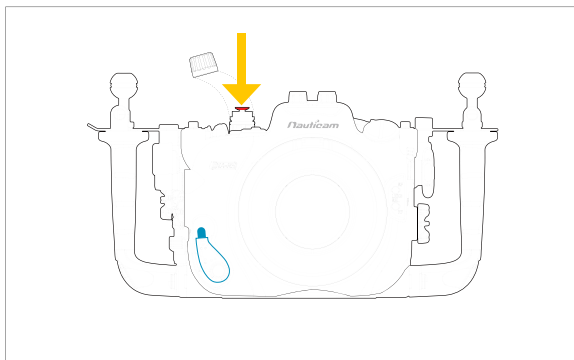
If using with vacuum valve :

remove the cap from the vacuum valve and press the red button to release pressure before unlocking port lock

If using without vacuum valve, please follow from step 2

2
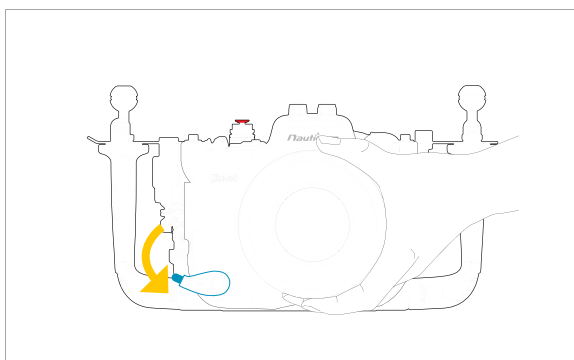
unlock port lock and remove port assembly

3
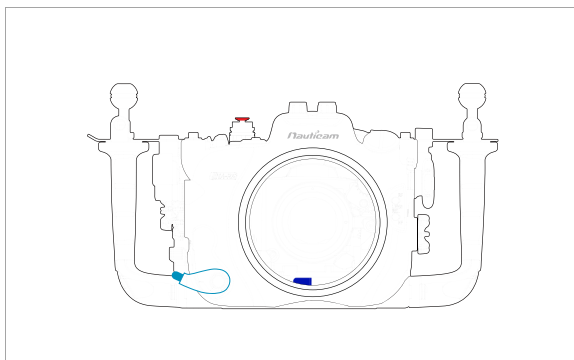
press the blue button to reset vacuum alarm before replacing port

4
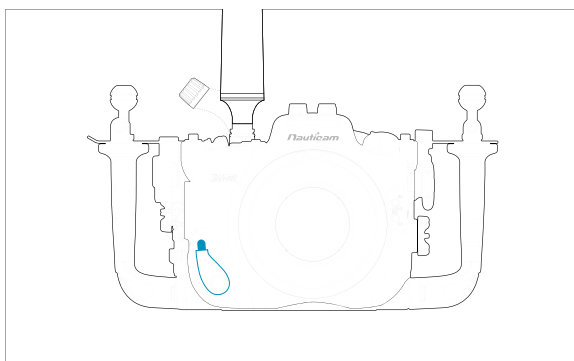
reset vacuum valve system using hand pump then close the cap

please refer to page 15 on complete vacuum system guidance

RECOMMENDED ACCESSORY

1

hand pump

vacuum valve

accesory port
on housing

moisture alarm
window
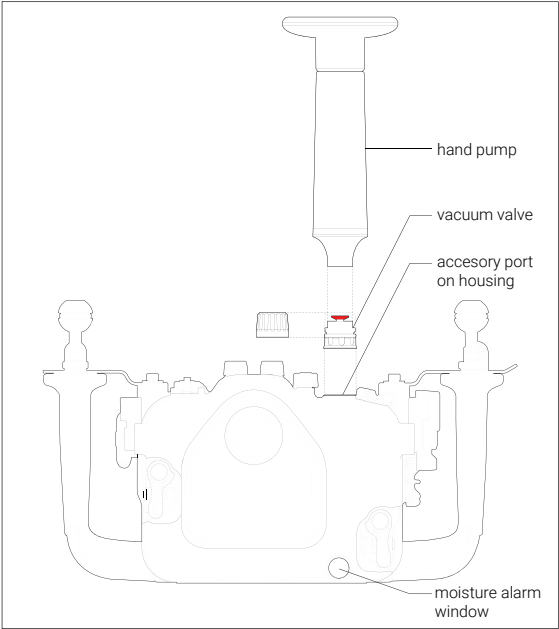
remove the plug of M16 accessory
port from the housing

remove the cap from the vacuum
valve

slightly lubricate the o-ring and
make sure the o-ring is in place

then tighten the vacuum valve to
the housing with the tool provided

2
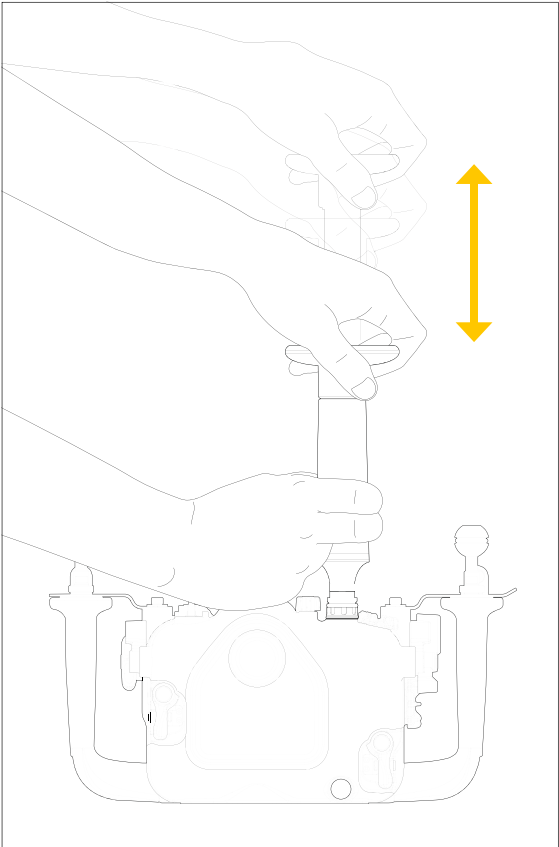
connect hand pump to the valve
and pump several times until it
reaches the target vacuum level

close vacuum valve cap

Moisture alarm window colour indication :

Steady Blue	🔵	device is turned on
Flashing Blue	🔆	standby mode, ready for pumpng
Steady Green	🟢	target vacuum level is reached
Flashing Yellow	🔆	vacuum level is dropping
Flashing Red	🔆	vacuum is totally lost, circuit stalled untill device is switched off
Alternating Blue and Red	🔆 🔆	vacuum is totally lost, circuit stalled untill device is switched off
Steady Red	🔴	out of battery

*It is recommended to leave the housing
for at least 20mins to ensure it is sealed.
If the LED light changes from steady
green light to rapidly flashing yellow light,
that means there is a leakage. Please
check every O-ring and then conduct the
vacuum test again.*

CARE/STORAGE

1

Soak the housing system in fresh water after salt water usage

2

Operate all controls and buttons at least 3 times while immersed in fresh water

3

We recommand cleaning and inspecting the main O-ring each time after diving for any damage and every time the housing is opened.

4

Protect the housing with robust and shock-proof travel case during trans-portation. Do not travel with camera inside housing.

5

We recommand to ship the housing to our servic centers for a complete overhual after 500 dives/every 3 years.

WARRANTY

All NAUTICAM Housing Products and Viewfinders are warranted against any material and manufacturing defects for two years from the date of purchase for consumer use. NAUTICAM Optical Accessories are warranted against material and manufacturing defects for a period of one year, and HDMI cables carry a year warranty.

This warranty only applies to products purchased from authorized NAUTICAM dealers and does not extend beyond the original retail purchaser.
To return your product for service, please contact your regional authorized service center(s). Please note that this warranty only applies when the product is purchased in the territory where the service center is located.

NAUTICAM accepts no liability for any damage to and defects in the housing caused by improper use and/or poor maintenance; it is the responsibility of the owner to carefully follow the instructions in our manuals.

NAUTICAM does not hold responsibility for damage, of any nature, to any equipment used with and/or placed within our products.

NAUTICAM accepts no liability for any loss of captured images or the inability to capture images even if it is due to the malfunctioning of our products.

Unauthorized modifications and/or repairs of our products will automatically invalidate the warranty.

SPECIFICATIONS

Construction

Housing body	Hard Anodized Aluminium Alloy
Display window	Abrasion Resistant Polycarbonate

Dimensions

Width	357 mm
Height	200 mm
Depth	161 mm

Weight

In air	3.50 kg
In water	-0.1 kg (w/ camera & battery)

Depth

Rating	100 m

Port specifications

Port mount	N 120 Port System
Port accessories	1 x M24, 1 x M16, 1 x M14

HDMI connectivity accessories (2.0)

25086 M24 Adaptor for HDMI 2.0 Cable (incl. tightening tool)

25077 M24D1R205-M28A1R170 HDMI 2.0 Cable

Monitor options (2.0)

17922 Nauticam Atomos Ninja V Housing for Atomos Ninja V 5" (excl. HDMI 2.0 cable)

HDMI connectivity accessories (1.4)

25033 Standard HDMI Bulkhead with M16 Thread

25081 M24-M16 Step Down Adaptor

25076 HDMI (D-D) Cable in 200mm Length (for internal connection from HDMI bulkhead to camera)

Monitor options (1.4)

17923 NA-Shinobi-H Housing for Atomos Shinobi 5.2" 4K HDMI Monitor

17920 NA-502B-H Housing for SmallHD 502 Bright Monitor

Recommended accessories

25625 M16 Vacuum Valve II (pushbutton release)

32201 180º Straight Viewfinder

32203 45º Viewfinder

26321 TTL Flash Trigger for Canon

19561 Gear for Canon EF-EOS R Control Ring Mount Adaptor

26320 Control Kit for Canon Drop-in Filter Mount Adaptor EF-EOS R

Wet Lens Compatibility

Macro	81201	Super Macro Convertor 1 (SMC-1, 2.3x magnification)
	81202	Super Macro Convertor 2 (SMC-2, 4.0x magnification)
Macro to Wideangle	87302	EMWL Set#2 (incl. focusing unit #2, 150mm relay lens & 3 objective lenses)
Wideangle	85201	0.36x Wide Angle Conversion Port with Aluminium Float Collar (incl. N120 to N100 port adaptor)
	85204	0.57x Wide Angle Conversion Port 2 with Aluminium Float Collar (compatible with 14mm lenses)

Nauticam Internationl Ltd.

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Gallery. www.nauticam.smugmug.com