NA - A7SIII

For Sony A7SIII Camera with HDMI 2.0 support

PN 17428

User Manual

Housing

FF- MIL

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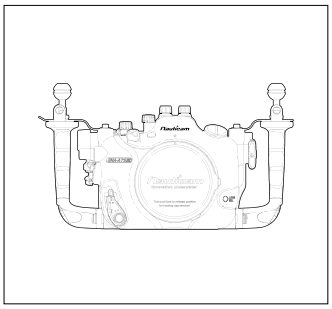
INTRODUCTION

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.

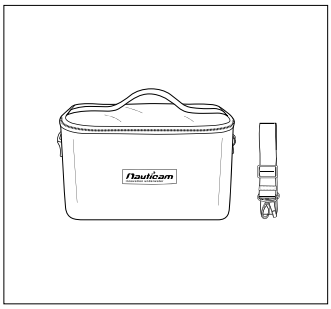
PACKAGE CONTENTS

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.

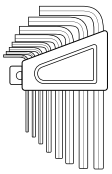


NA-A7SIII

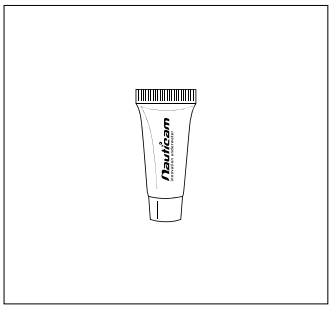
(2 x Handles with Mounting Balls, 1 x Housing Cap,
2 x Optical Fiber Mount Caps, 2 x Stainless Steel Handle Brackets)



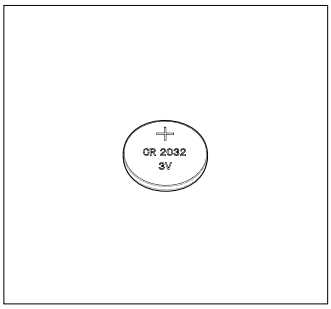
Padded Travel Case



Allen key set

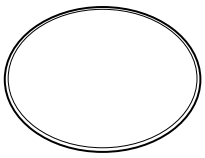


Lubricant



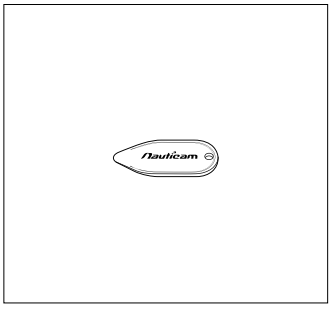
Panasonic CR2032 Battery

(pre-installed for Moisture Alarm)

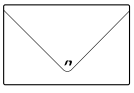


Spare Main O-ring

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

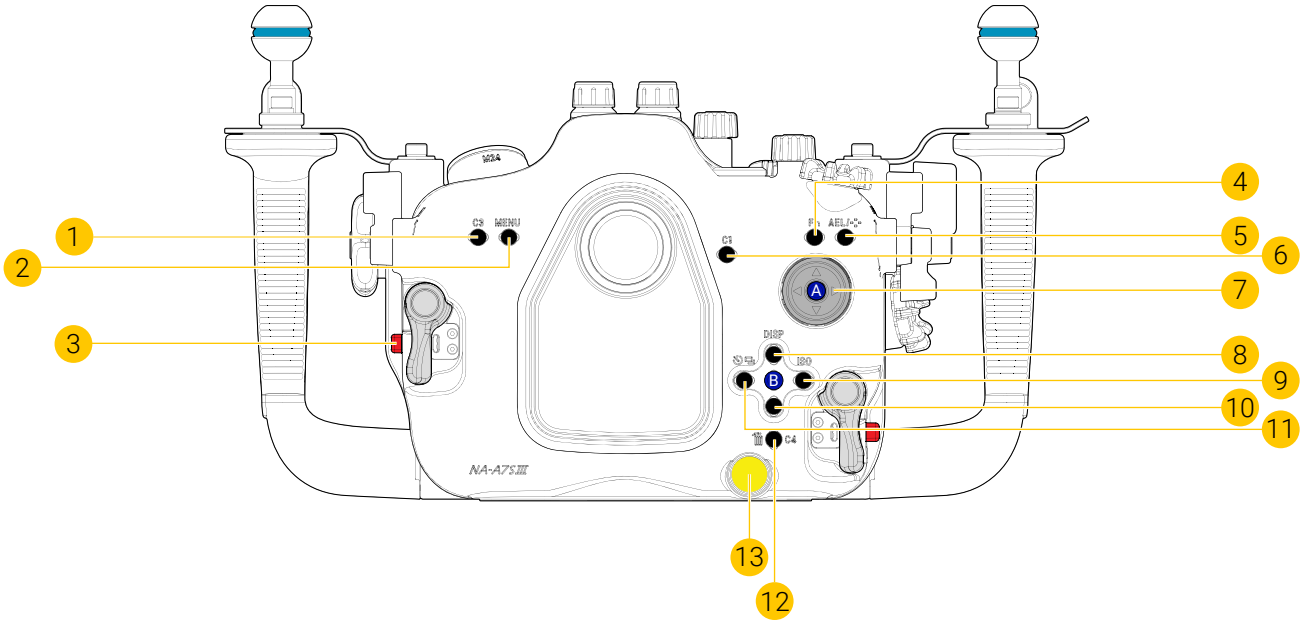
Prevent any sand or dust or water penetration inside the housing. Be extra careful when changing lens and inserting or removing the camera.

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

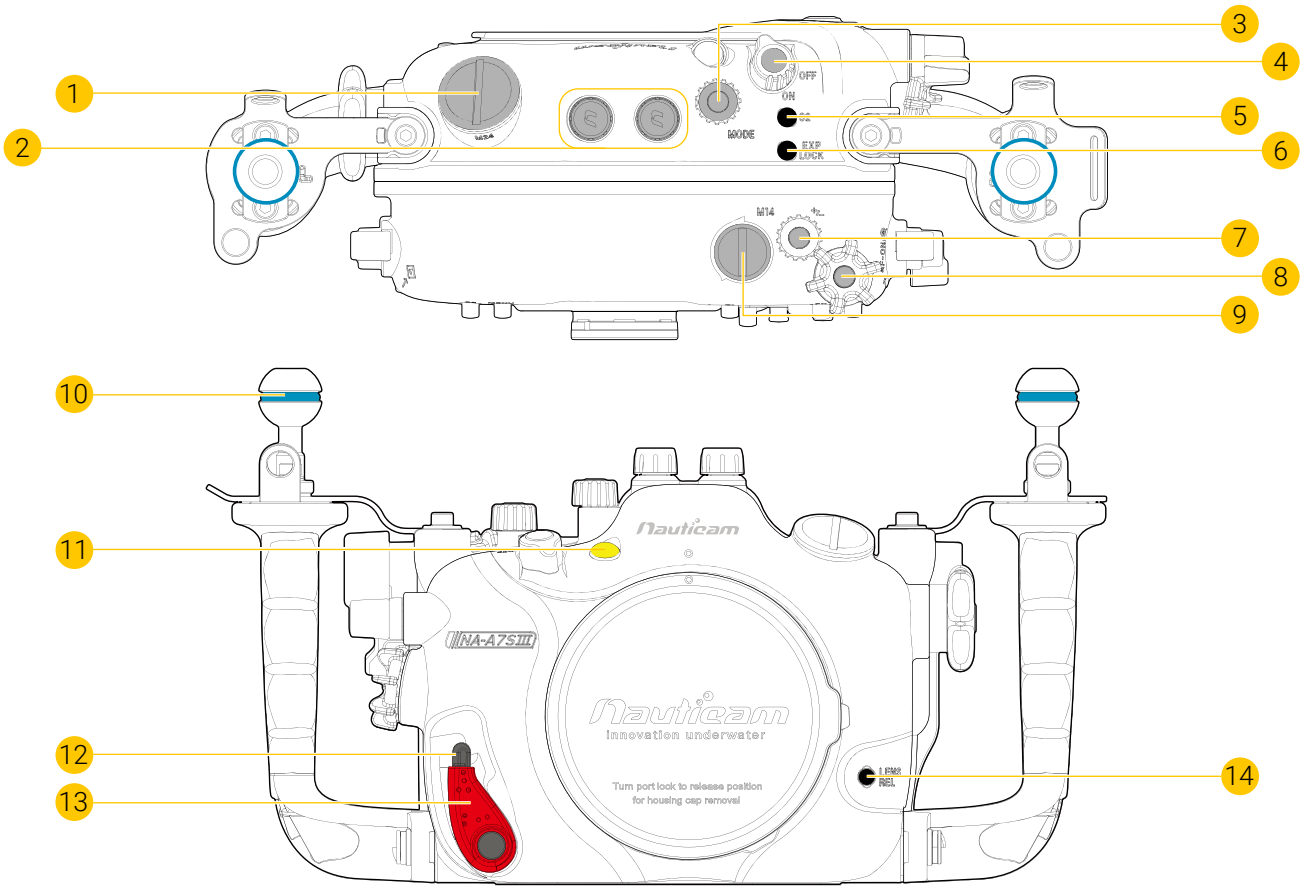
Rear View



1	C3 button	2	Menu button
3	Housing unlock button	4	Fn button
5	AEL/Image index button	6	C1 button
7	Multi selector	8	Display button
9	ISO button	10	Control wheel - bottom
11	Drive mode button	12	C4/Delete button
13	Moisture alarm window	A	Multi selector - center
B	Control wheel - center		

PART NAMES AND FUNCTIONS

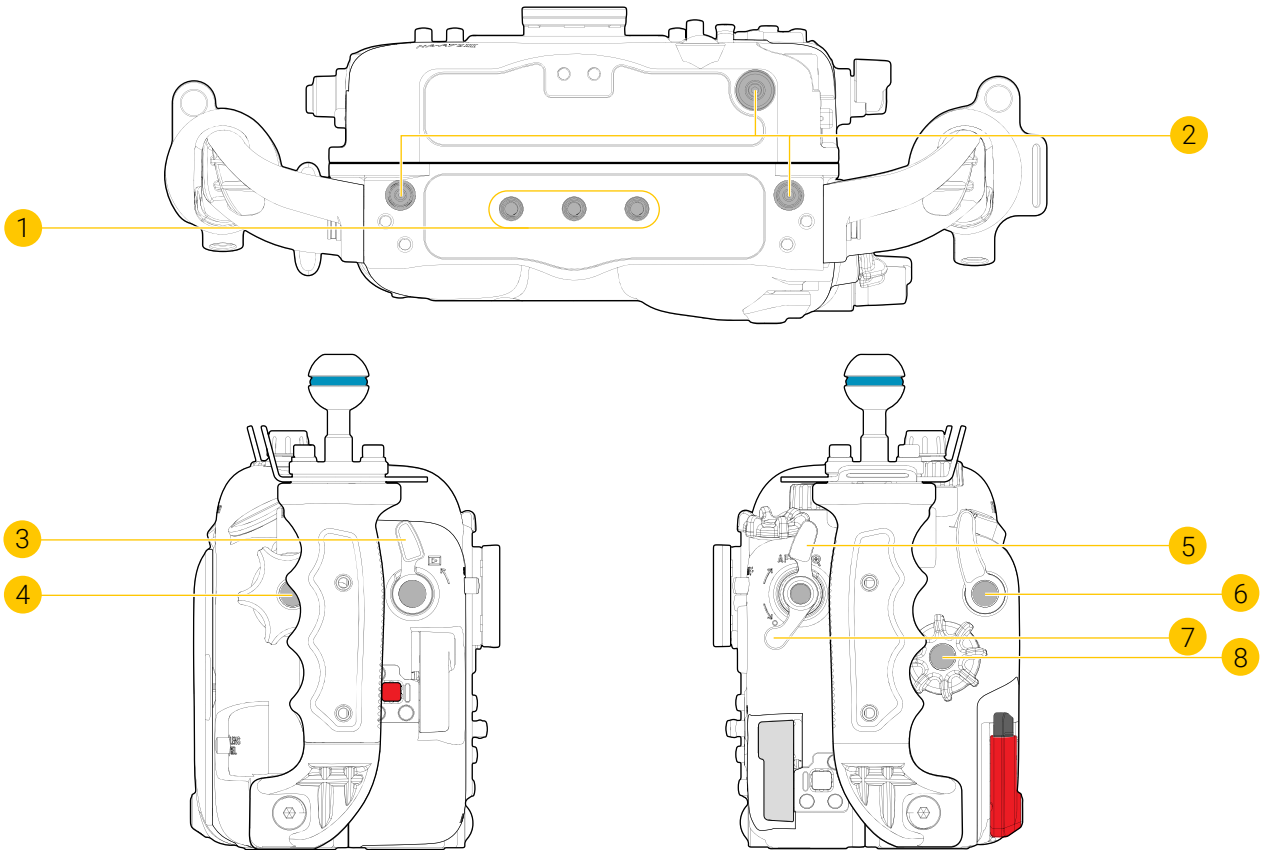
Top + Front Views



1	M24 Accessory port	2	Optical fiber cable connection
3	Mode dial	4	Main Switch
5	C2 button	6	Exposure compensation lock button
7	Exposure compensation dial	8	Rear dial
9	M14 Accessory port	10	Accessory mounting ball
11	AF illuminator/Visible light sensor	12	Port lock safety button
13	Port locking lever	14	Lens release button

PART NAMES AND FUNCTIONS

Back + Side Views

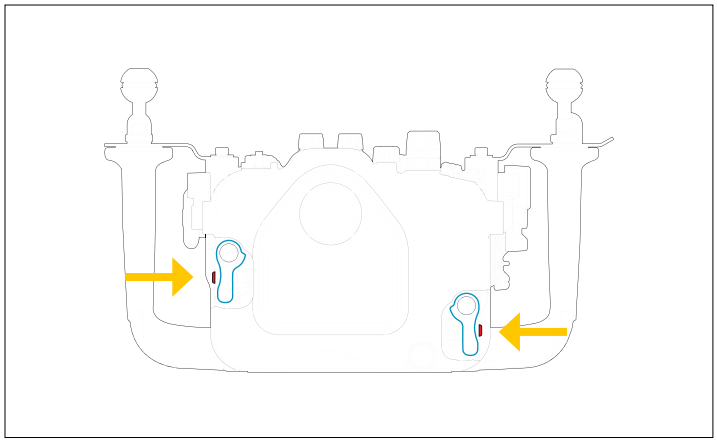


1. 1/4” Threaded tripod holes
2. Zinc Anodes
3. Playback lever
4. Zoom/Focus dial
5. AF-ON/Enlarge lever
6. Shutter release lever
7. REC button
8. Front dial

OPENING THE HOUSING

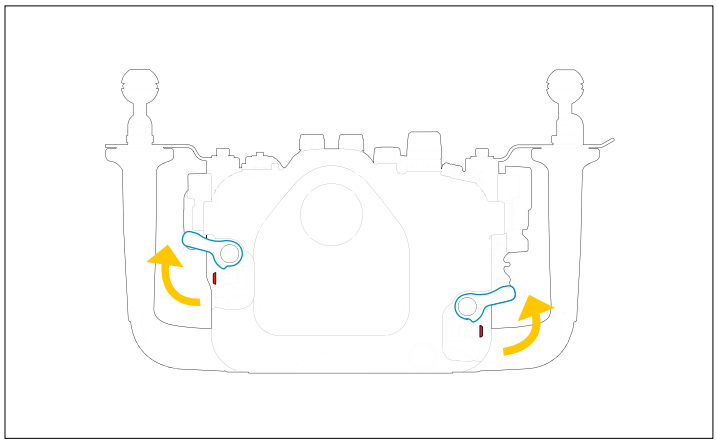
* drawings as illustrations only

1



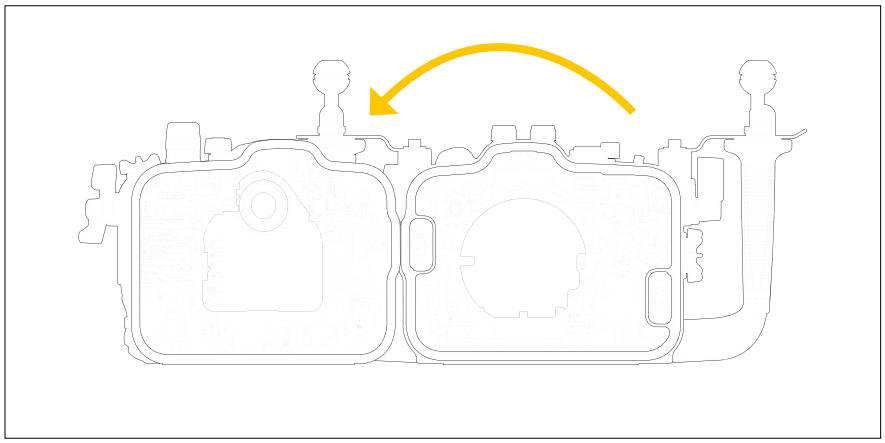
depress housing unlock button

2



turn housing lock outward

3



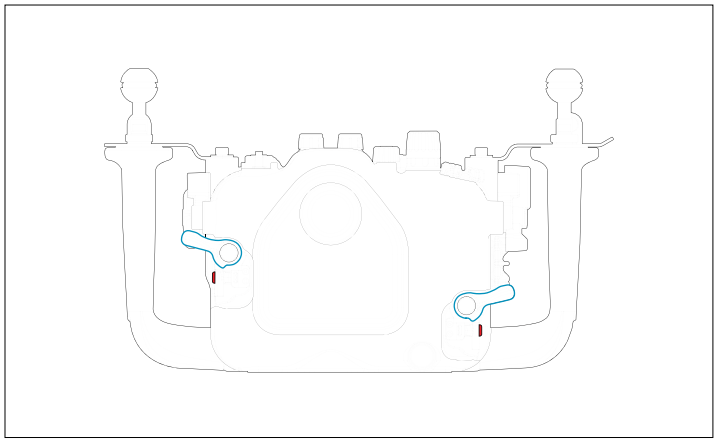
lift up the back housing

CLOSING THE HOUSING

* drawings as illustrations only

Housing Lock - Lock

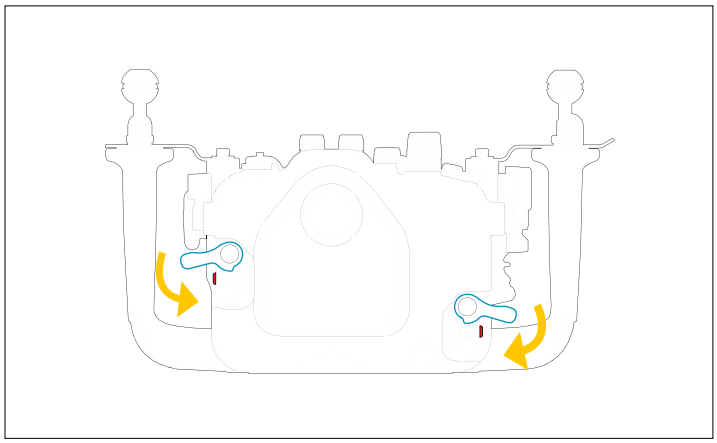
1



before closing the housing, clean and lubricate the main O-ring

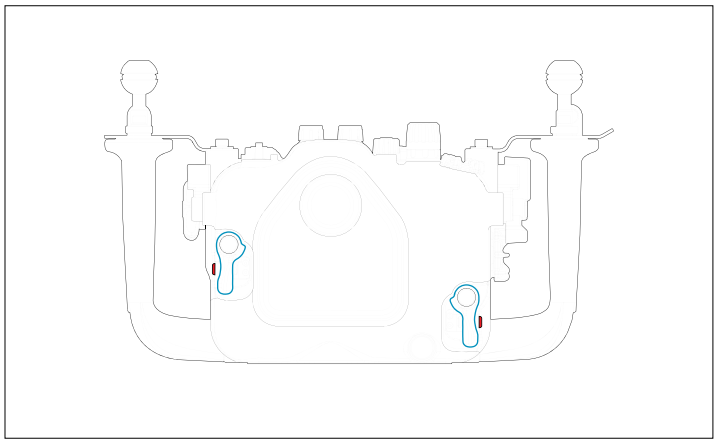
make sure nothing is caught between front and back housing and that they are fully aligned before locking

2



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

3



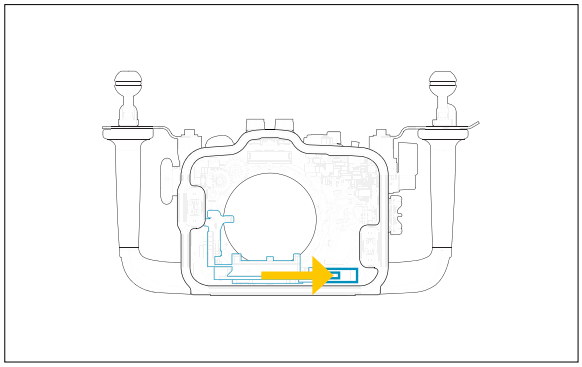
housing locked in place securely

PREPARATION FOR USE

* drawings as illustrations only

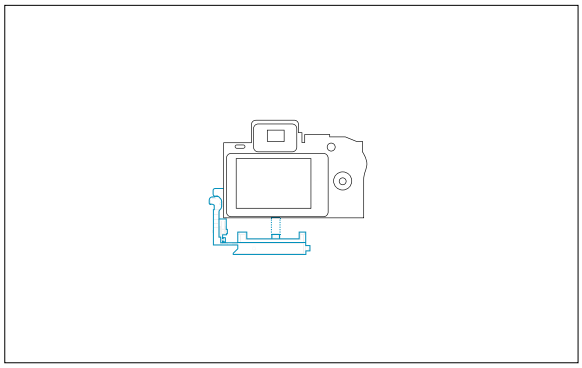
Installing the Camera - housing tray attachment

1



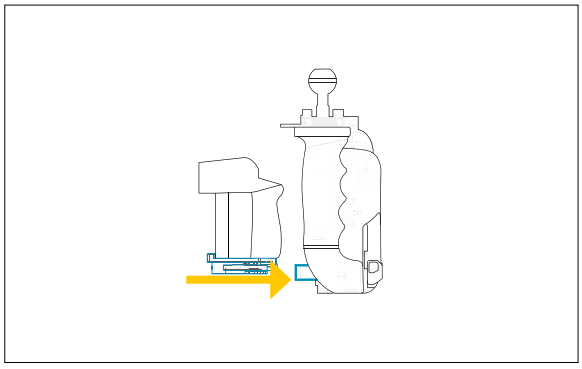
unlock camera tray lever and remove the tray from the housing

2



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

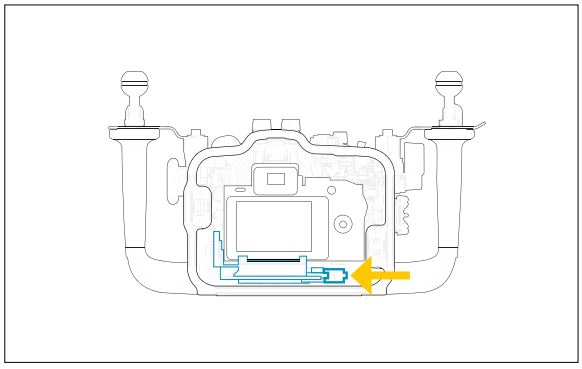
3



** lift up the Photo/movie lever each time before installing the camera, also 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

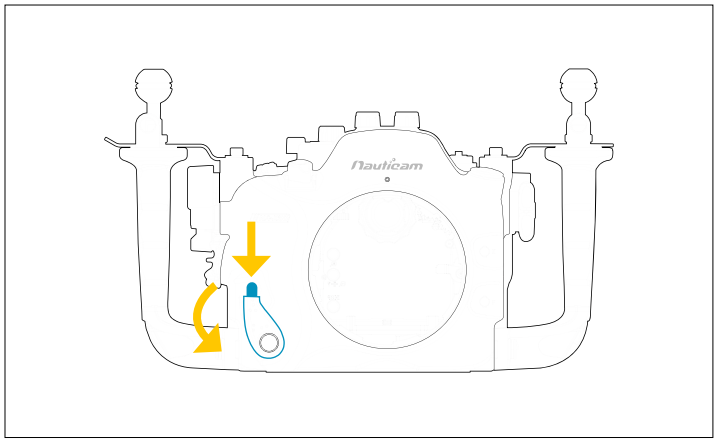
** gently push the Photo/movie lever downwards and make sure it is engaged with the lever on the camera, also place the zoom/focus knob in place and make sure it is engaged with lens gear*

PREPARATION FOR USE

* drawings as illustrations only

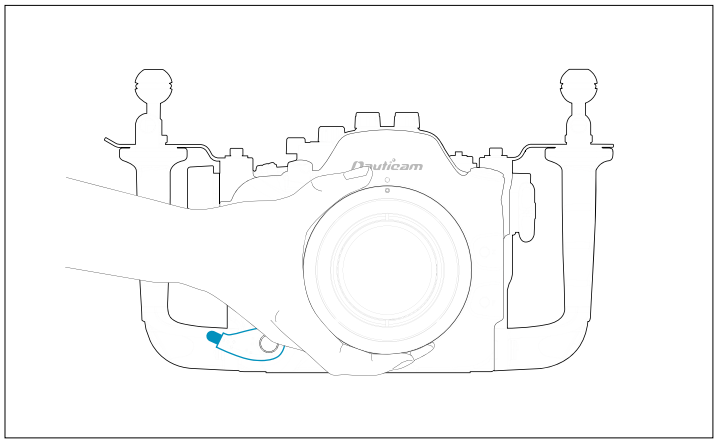
Port Mounting

1



depress safety button and rotate anti-clockwise

2

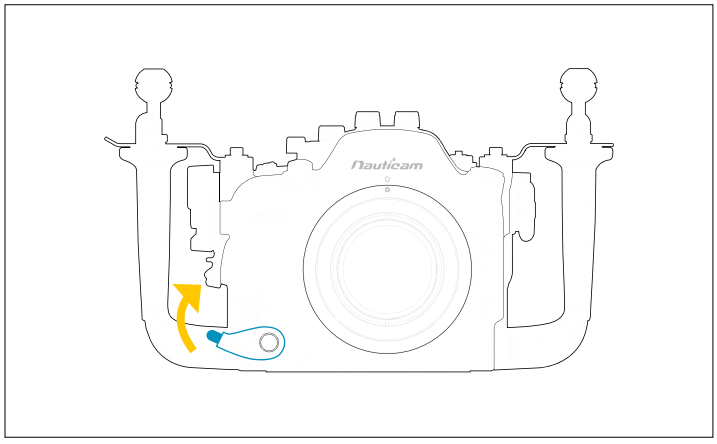


lubricant the port O-ring before mounting

align index mark

push port assembly straight in

3

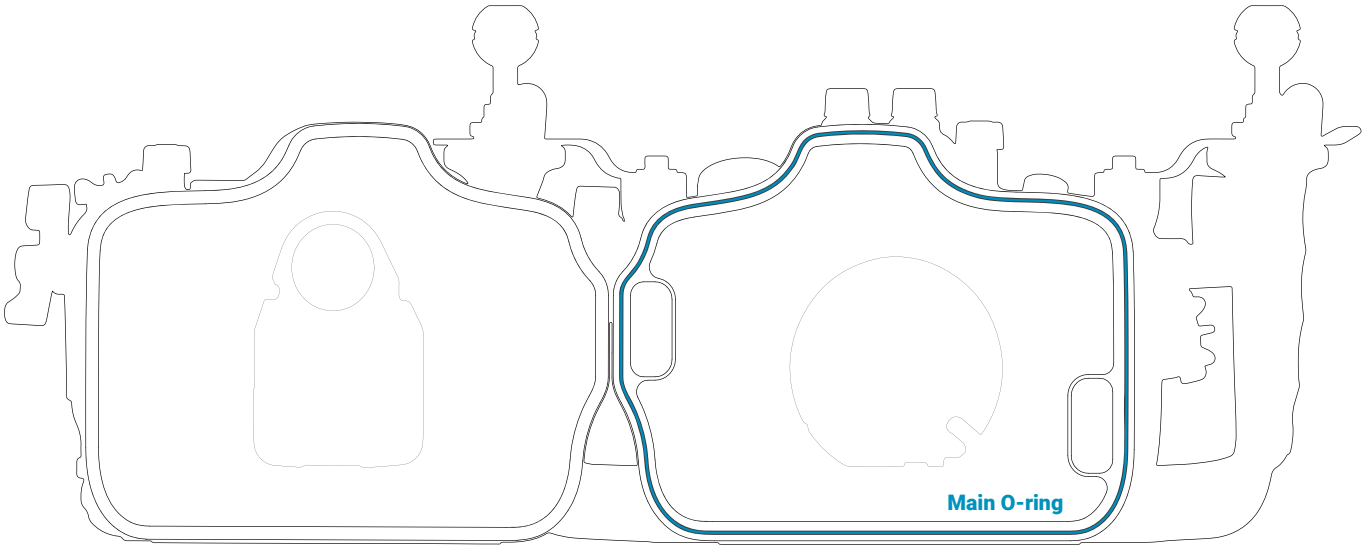


rotate locking lever clockwise to lock

PREPARATION FOR USE

* drawings as illustrations only

Coating housing 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

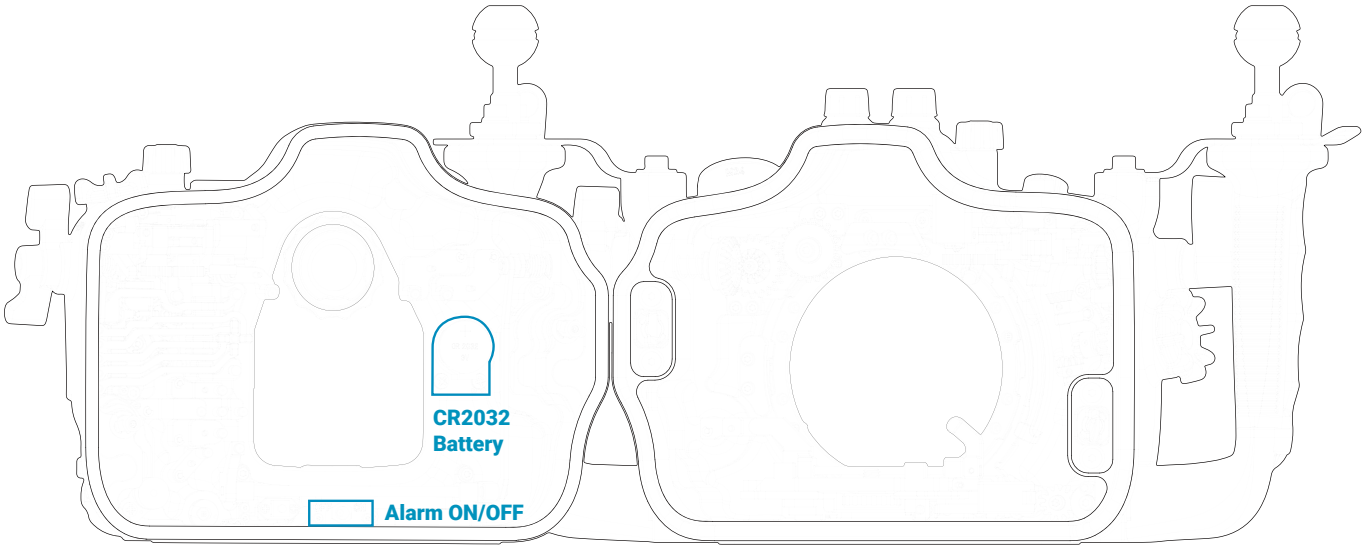
4

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

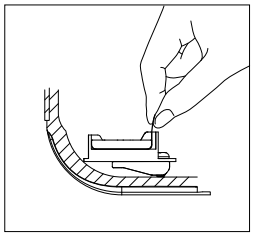
PREPARATION FOR USE

* drawings as illustrations only

Setting up moisture alarm

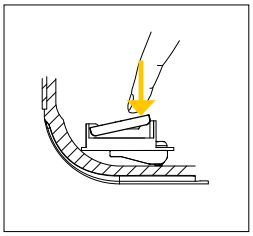


1



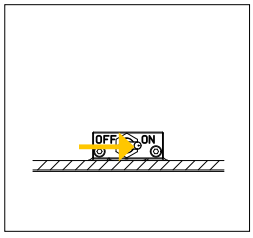
remove battery insulation film

2



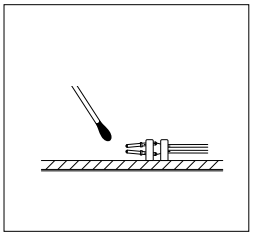
press the battery down until it click into place

3



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

4



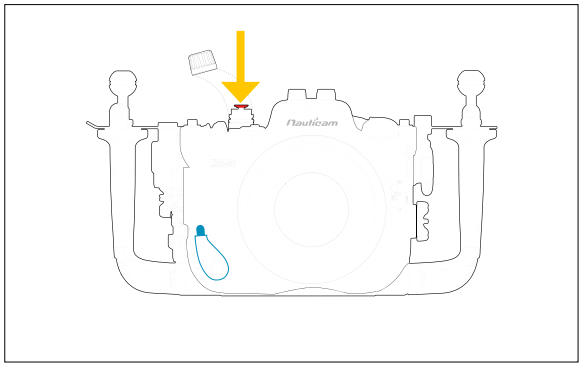
test the alarm
- connect the wires with a dampened cotton bud; the alarm will give a repeating 'beep' and the mositure alarm window will flash RED

PREPARATION FOR USE

* drawings as illustrations only

Changing lens/port without opening the housing

1

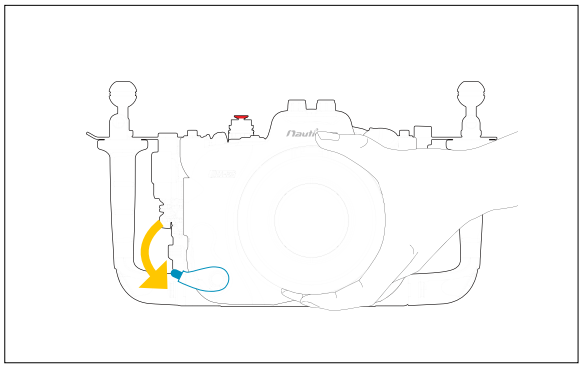


If using with vacuum valve :

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

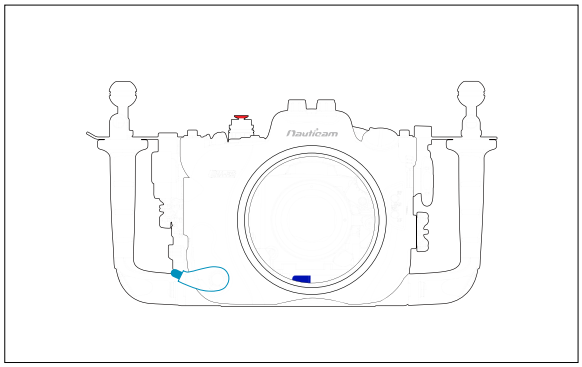
If using without vacuum valve, please follow from step 2

2



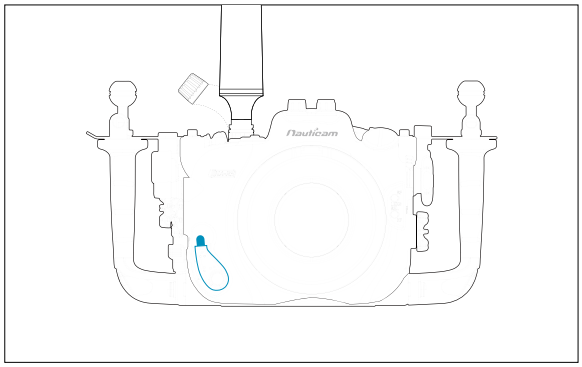
unlock port lock and remove port assembly

3



press the blue button to reset vacuum alarm before replacing port

4



reset vacuum valve system using hand pump then close the cap

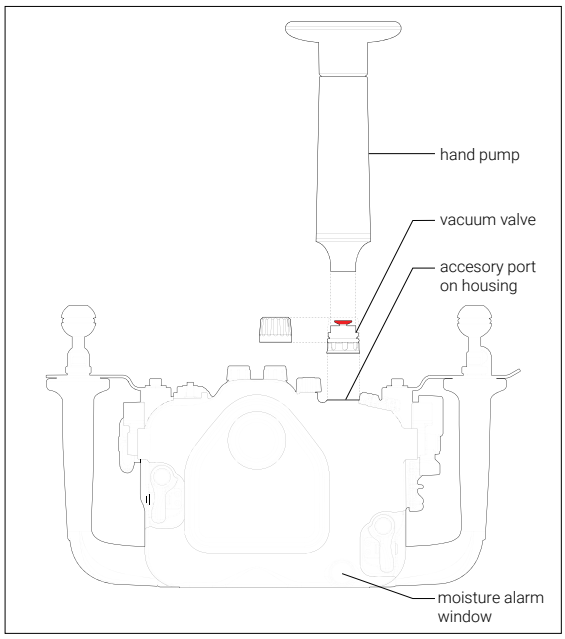
***** *please refer to page 15 for complete vacuum system guidance*

RECOMMENDED ACCESSORY

* drawings as illustrations only

Vacuum valve system

1

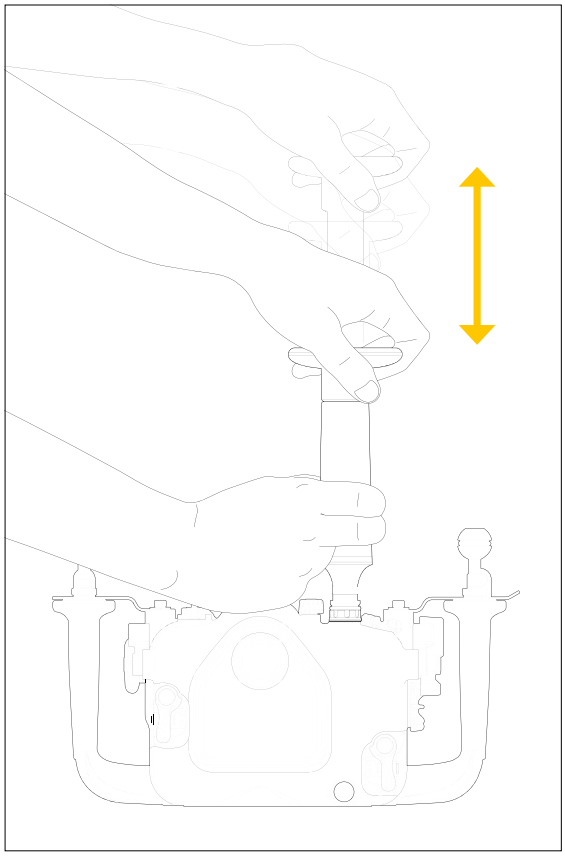


remove the plug of M16 accessory port from the housing

remove the cap from the vacuum valve

slightly lubricate the o-ring and 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 transportation. Do not travel with camera inside housing.

5

We recommand to ship the housing to our servic centers for a complete overhual after 200 dives/every 2 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	339 mm
Height	170 mm
Depth	125 mm

Weight

In air	2.70 kg
In water	0.56 kg (w/ camera & battery)

Depth

Rating	100 m

Port specifications

Port mount	N 100 Port System
Port accessories	1 x M24, 1 x M14

N100 to N120 Adaptor

37305 N100 to N120 35.5mm Port Adaptor II

HDMI connectivity accessories (2.0)

25086 M24 adaptor for HDMI 2.0 cable (incl. tightening tool)

25094 M24A3R210-M28A1R170 HDMI 2.0 Cable
**Support RAW 16bit 4.2K (4264 x 2408) up to 59.94p output*

Monitor options

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

25095 HDMI (D-A) cable in 220mm length
(for connection from HDMI bulkhead to camera)

Monitor options

17906 NA-502H housing for Small HD 502 5-inch HD monitor

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

Recommended accessories

25624 M14 Vacuum Valve II (pushbutton release)

32201 180º straight viewfinder

32203 45º viewfinder

26302 Mini Flash Trigger for Sony

25218 Mounting Ball Set for Tripod

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	86201	Macro to Wideangle Lens 1 (MWL-1, 150 deg. FOV with full frame 60mm macro lens)
	87303	EMWL Set#3 (incl. focusing unit #3, 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)

Optional accessories to use with wet lens

86222 Double Flip Holder for MWL-1

87501 Flip Holder for EMWL

87516 EMWL Bayonet Holder for Ø70 Float Arm

87517 EMWL Bayonet Holder for Ø90 Float Arm

87518 Strobe Mounting Brackets for EMWL Relay Lens

Nauticam Internationl Ltd.

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