NA - SHINOBI-H / NA - SINOBI-S

For Atomos Shinobi 5.2" 4K HDMI Monitor with HDMI 1.4 Input / SDI Input

PN 17923 / 17924

User Manual
Housing
Monitor

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.
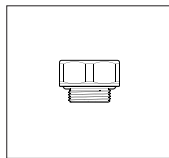
PACKAGE CONTENTS

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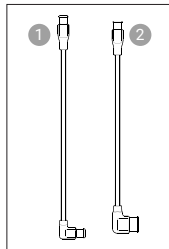If some items are missing or damaged, contact your local Nauticam dealer.

NA - SHINOBI-H (HDMI)
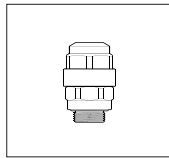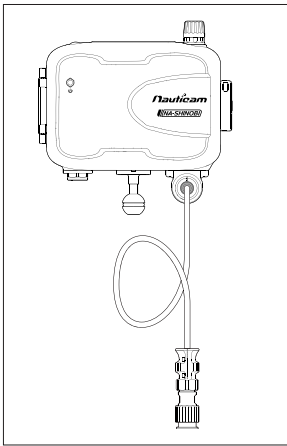
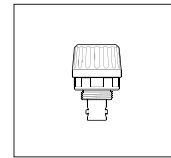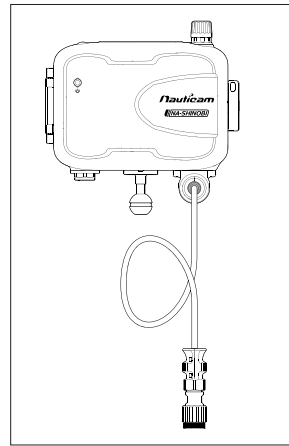Standard HDMI bulkhead with M16 thread

M16 Extension Ring

HDMI Cable from Camera to HDMI Bulkhead :

1. HDMI (D-D) Cable 200mm length
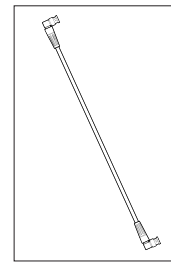2. HDMI (D-C) Cable 190mm length

Pre-installed items :
- HDMI Cable (A-D) 0.75m length
- M25-M16 Step Down Adaptor
- 25625 M16 Vacuum Valve II
- NAV0014 Mounting Ball with screws
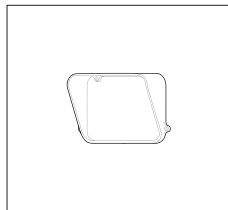
NA - SHINOBI-S (SDI)

M16 SDI Bulkhead

SDI Cable from Camera to SDI Bulkhead 0.40m length

Pre-installed items :
- SDI Cable 0.75m length
- M25-M16 Step Down Adaptor
- 25625 M16 Vacuum Valve II
- NAV0014 Mounting Ball with screws

Monitor Hood
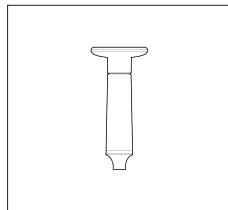
Hand Pump

Spare O-ring

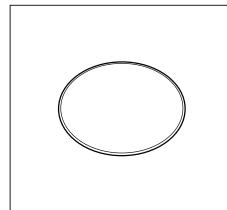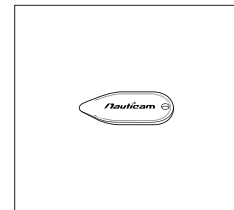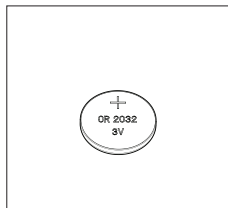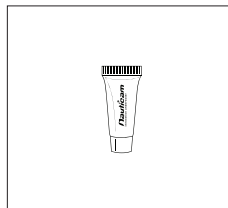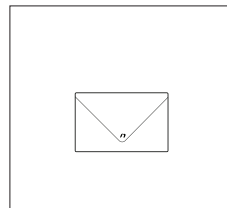O-ring Remover

Panasonic CR2032 Battery
(pre-installed for Moisture Alarm)

Lubricant

Manual Instruction Card

Padded Travel Case

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

IMPORTANT INSTRUCTIONS

1

Water-tight test of the housing (without monitor 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 inserting or removing the monitor.
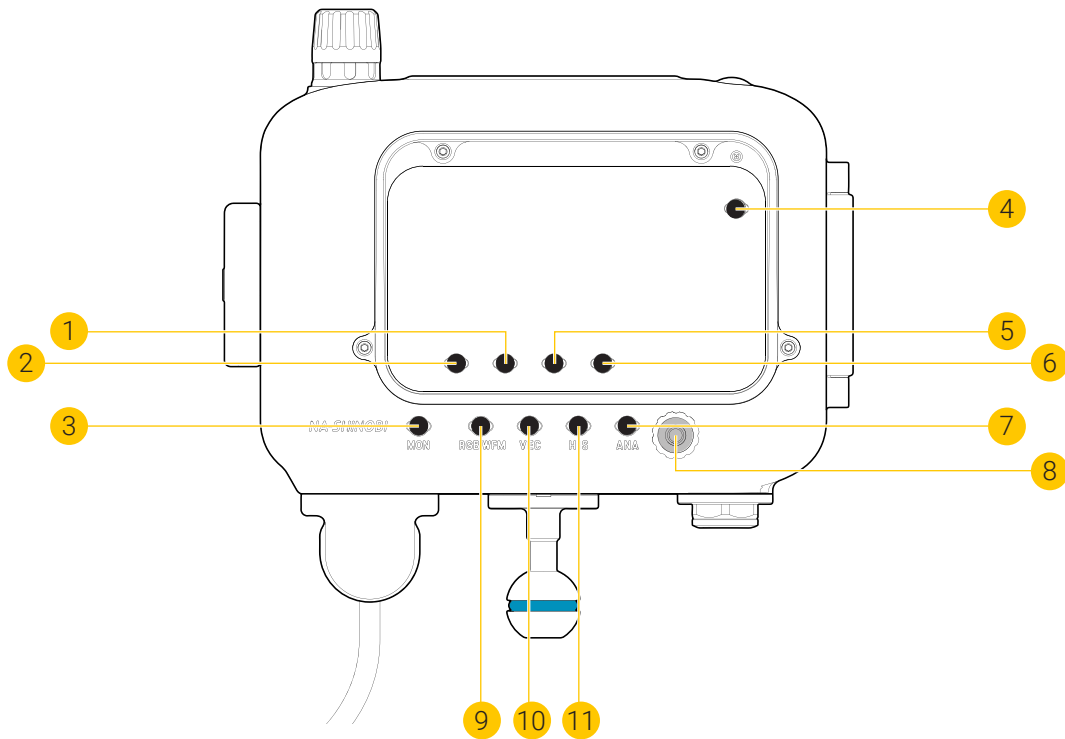
⚠ 12

This product is not intended 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.
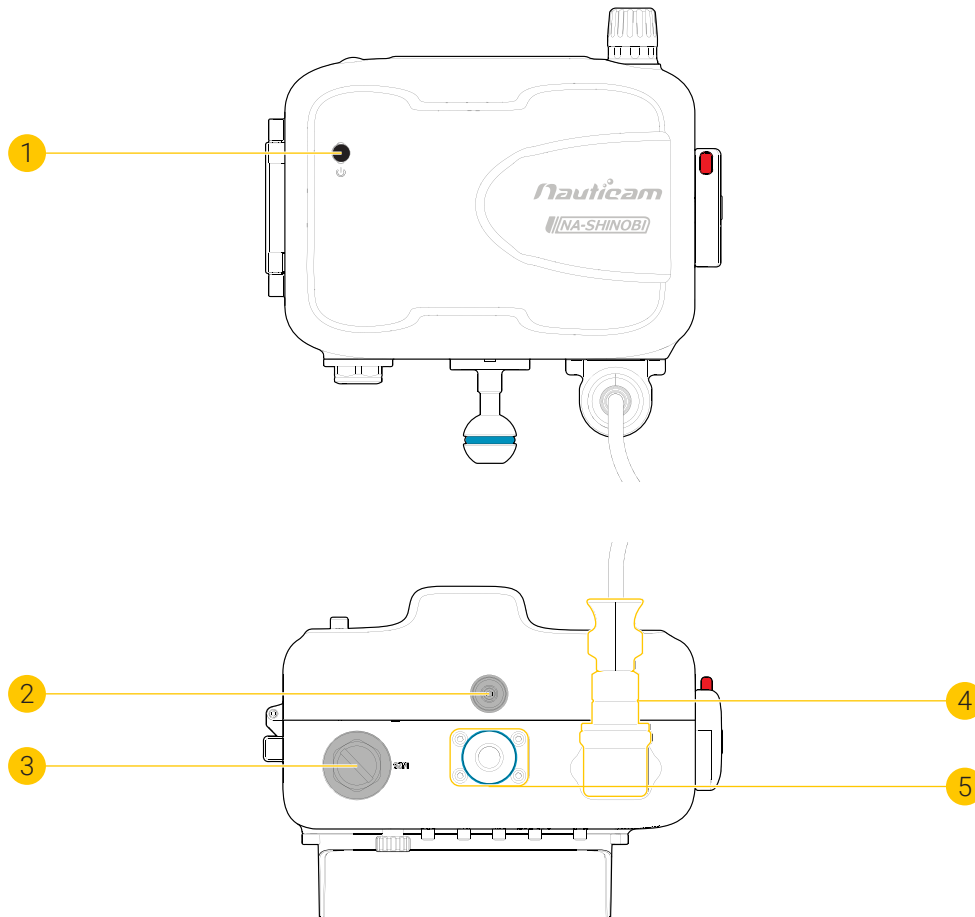
PART NAMES AND FUNCTIONS

|			
1	RGB Overlay button	2	Luma Waveform button
3	Monitor button	4	Close button
5	Vectorscope zoom button	6	RGB Histogram button
7	Analysis button	8	Settings lever
9	RGB Parade button	10	Vectorscope button
11	Histogram button		

PART NAMES AND FUNCTIONS

1	Power button	2	Zinc Anodes
3	M25 Accessory port	4	HDMI / SDI cable
5	NAV0014 Mounting ball with screws		

PART NAMES AND FUNCTIONS
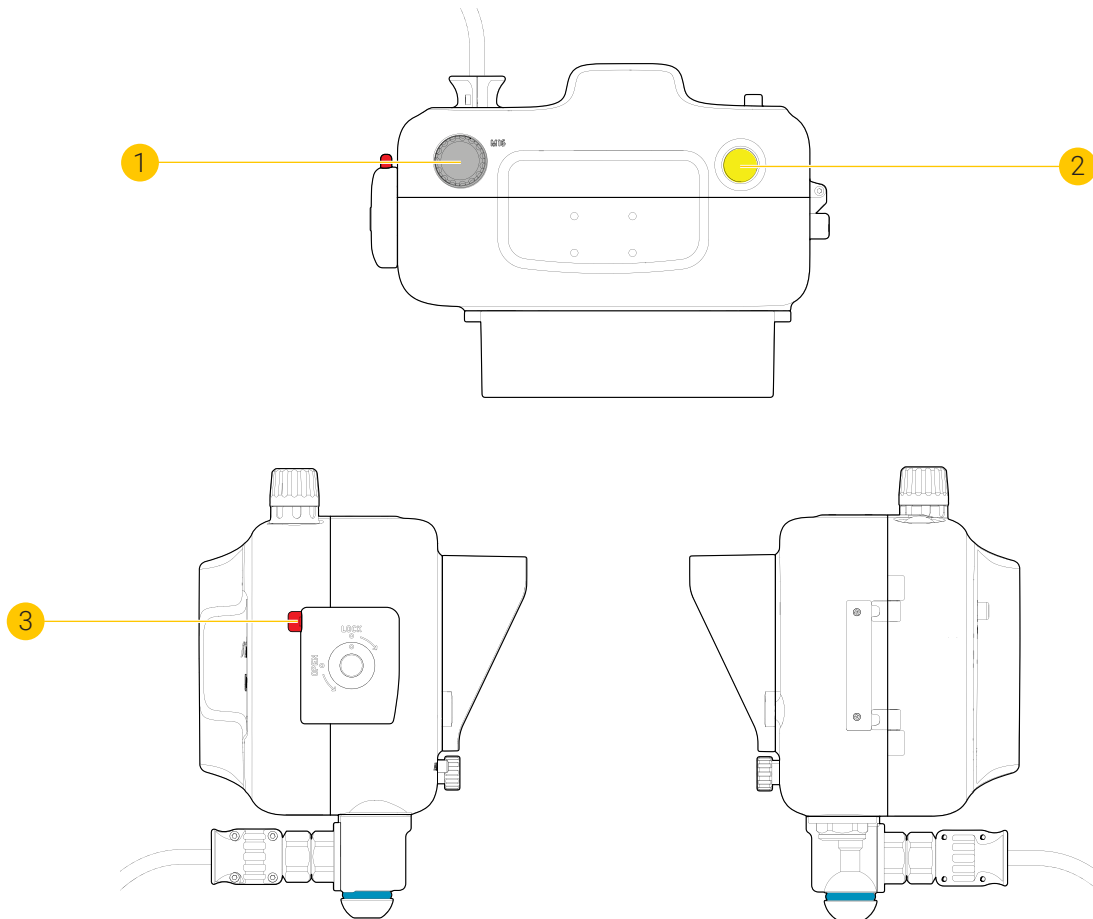
1	M16 Accessory port	2	Moisture alarm window
3	Housing unlock button		

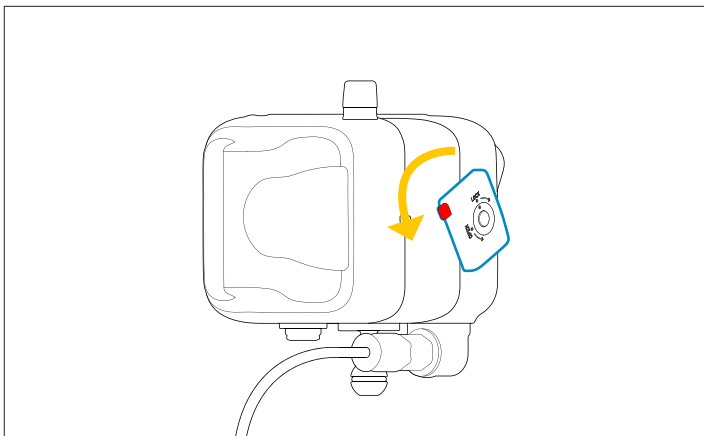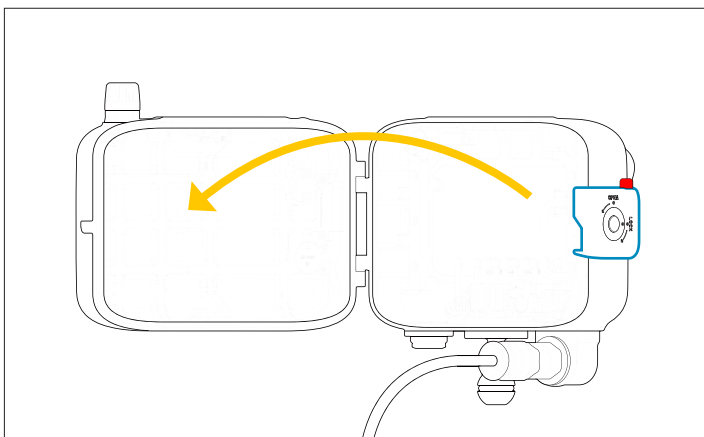# OPENING THE HOUSING

1
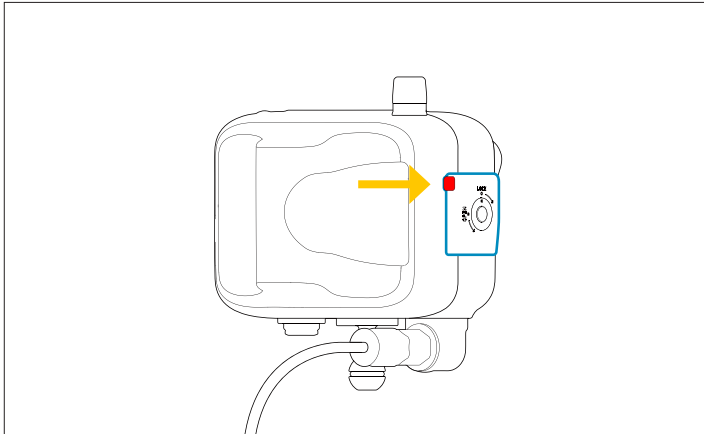
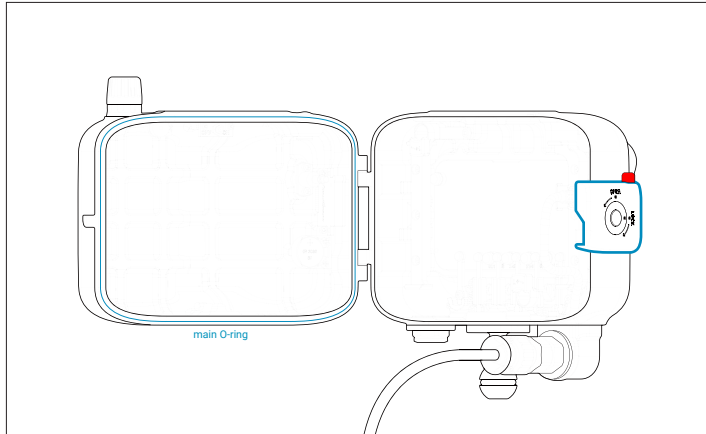depress housing unlock button

2

turn housing lock latch anti-clockwise to open the housing

3

flip open the back housing when lock latch is aligned to 'open' position
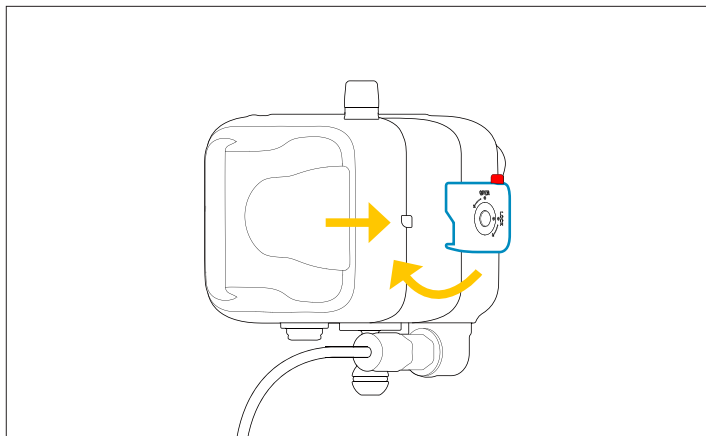
CLOSING THE HOUSING

1

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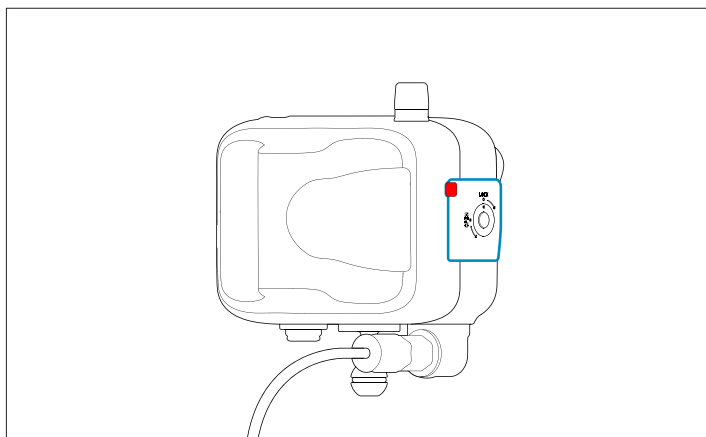
make sure nothing is caught between front and back housing and that they are fully aligned before locking

2

insert the housing shaft into the shaft hole and then rotate the lock latch clockwise until you hear and feel it click into place
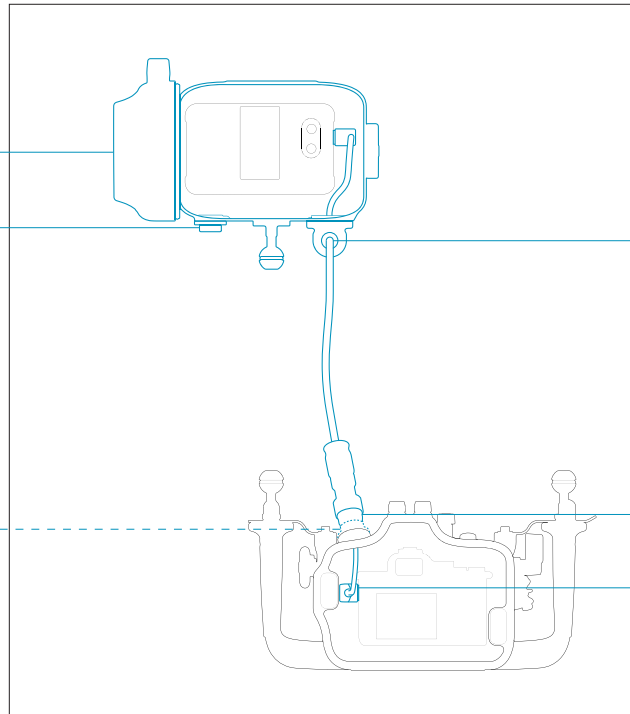
3

housing locked in place securely

SETUP OPTIONS - HDMI

HDMI IN

17923
NA - Shinobi-H Housing
for Atomos Shinobi 5.2"
4K HDMI Monitor with
HDMI 1.4 input

M25-M16
Step Down Adapter

25081
M24 - M16 Step Down
Adapter is needed when
accessory port of the
housing is M24

25071
HDMI 1.4 (A-D) Cable in
0.75m length
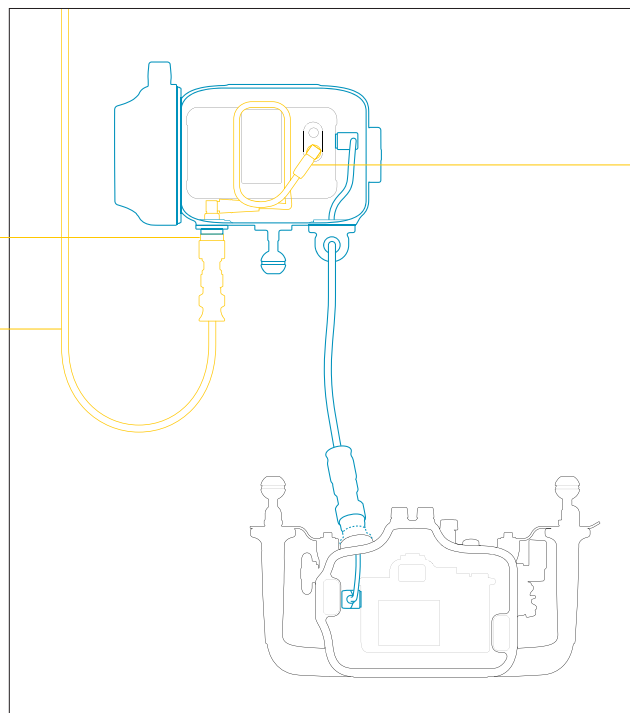
25033
Standard HDMI Bulkhead
with M16 thread

25036
HDMI (D-C) Cable in
190mm length

25046
HDMI (D-D) Cable in
200mm length

HDMI IN + SDI OUT

25058
M16 SDI Bulkhead

25065
SDI Surface Cable
in 45.0m length

25060
SDI Cable in 0.40m length

━━━ included in package
━━━ not included in package

9

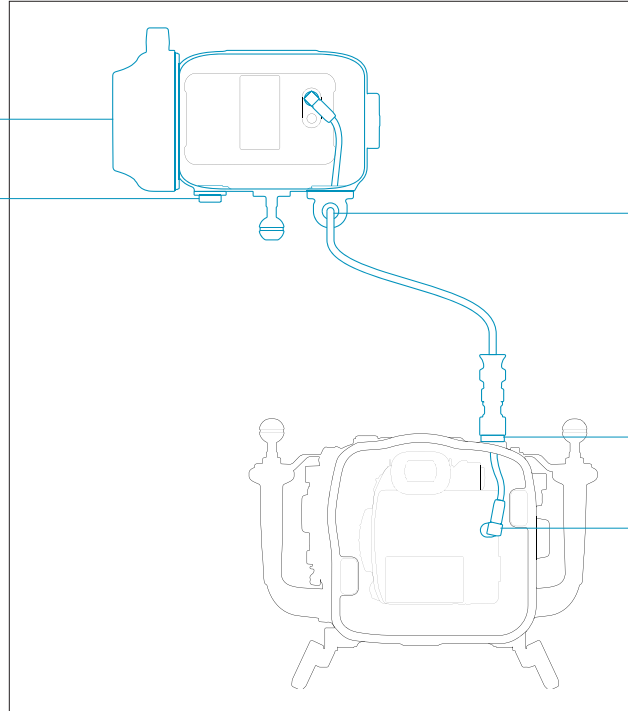# SETUP OPTIONS - SDI

SDI IN

17924
NA - Shinobi-S Housing
for Atomos Shinobi 5.2"
4K HDMI Monitor with
SDI input

M25-M16
Step Down Adapter

25096
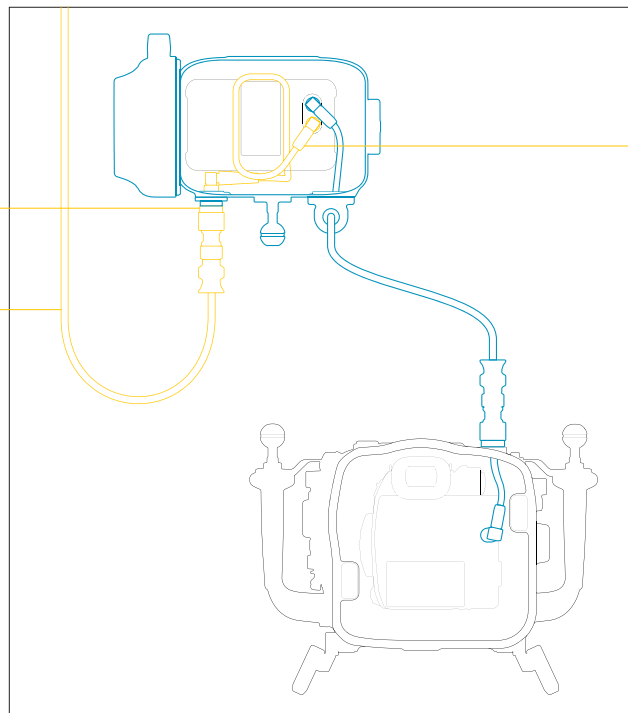SDI Cable in 0.75m length

M16 SDI Bulkhead

25060
SDI Cable in 0.40m length

SDI IN + SDI OUT

25060
SDI Cable in 0.40m length

25058
M16 SDI Bulkhead

25065
SDI Surface Cable
in 45.0m length

—— included in package
—— not included in package

10

CABLE CONNECTION - HDMI IN

1
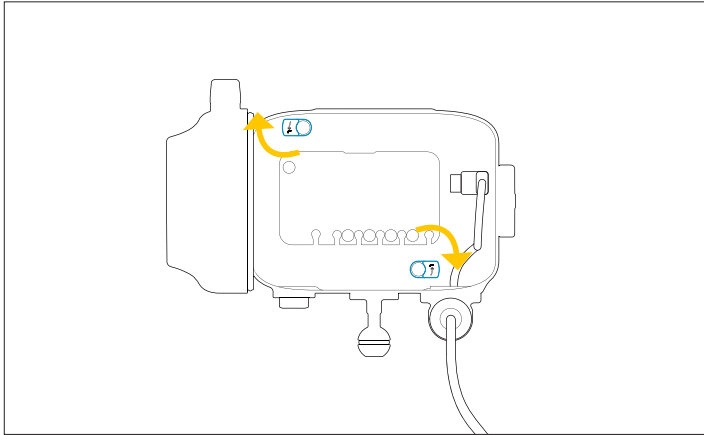
turn the two locking levers in the direction as shown

2
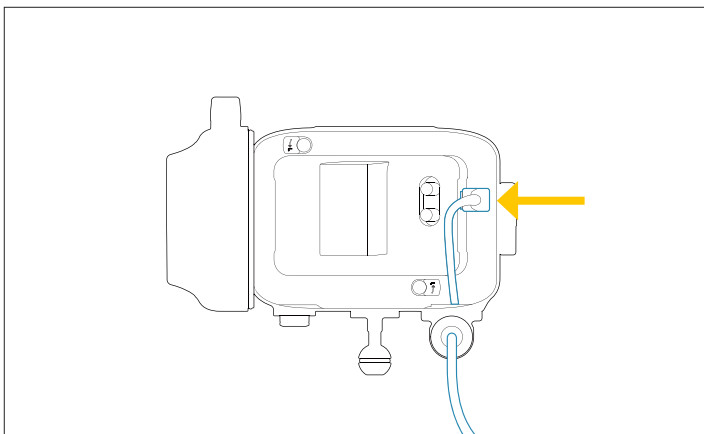
connect the HDMI cable to the monitor HDMI connector

then place the monitor inside the housing

3

secure the monitor by turning the two locking levers towards the monitor

CABLE CONNECTION - SDI IN
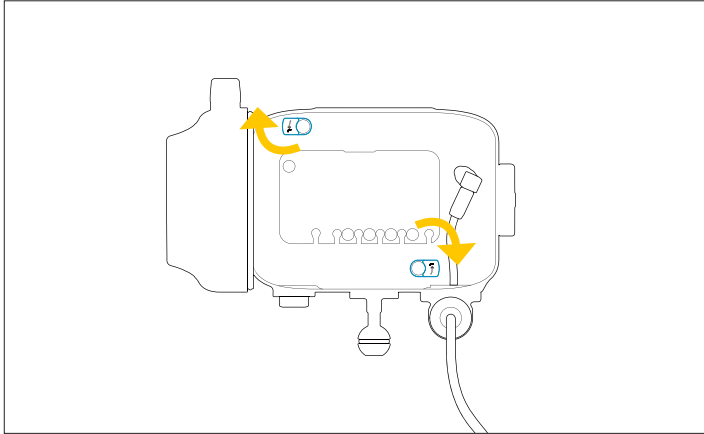
1

turn the two locking levers in the direction as shown

2
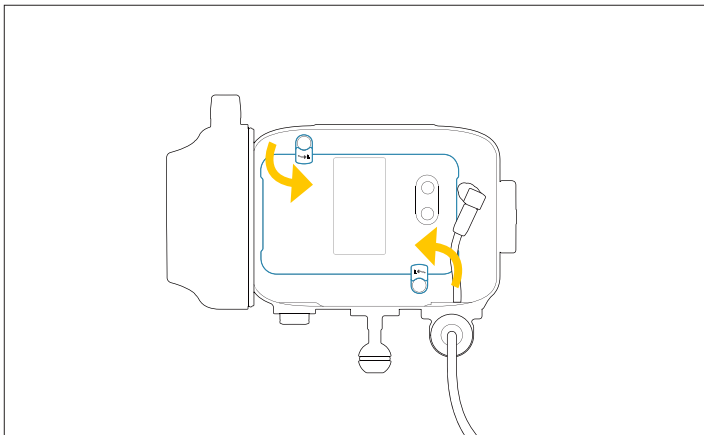
place the monitor inside the housing

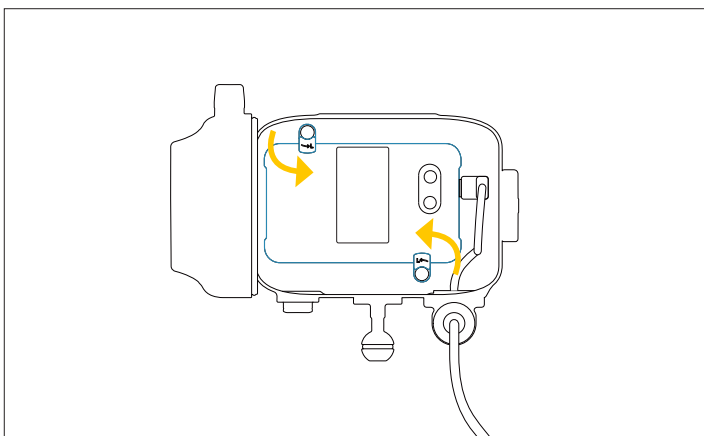then secure the monitor by turning the two locking levers towards the monitor

3
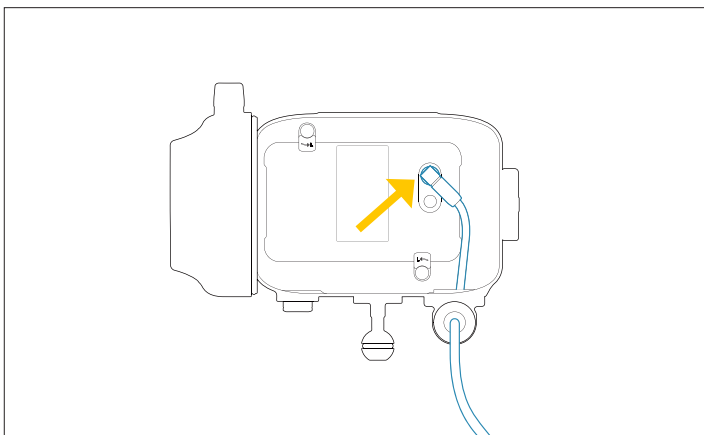
connect the SDI cable to the monitor SDI connector

CABLE CONNECTION - SDI OUT

Please note that M16 SDI Bulkhead, 25060 SDI cable and SDI surface cable is not included in the package

1

M25 Plug

M16 SDI Bulkhead

SDI Surface
Cable Cap
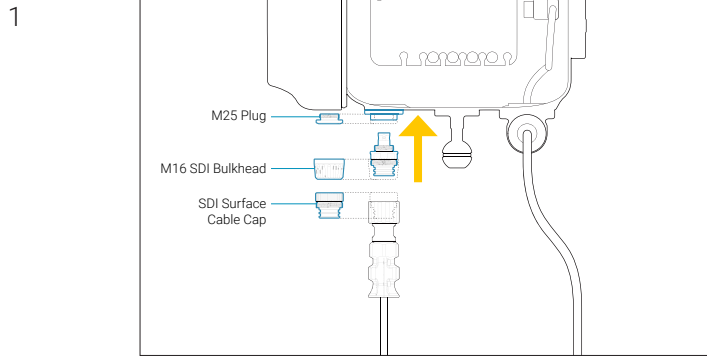
unscrew the M25 plug from the accessory port with a coin and remove the caps of M16 SDI Bulkhead and SDI surface cable

tighten the M16 SDI Bulkhead into the pre-installed M25-M16 step down adapter

2
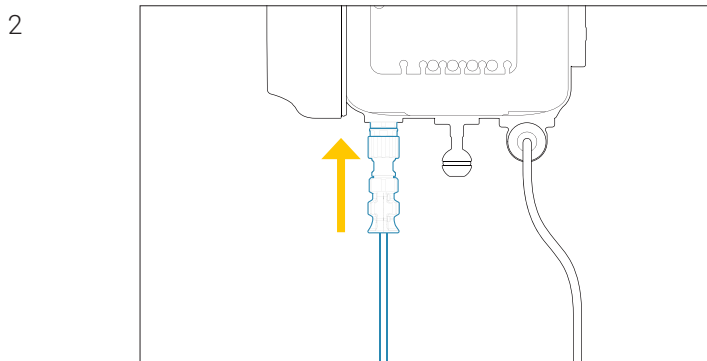
plug the cable into the SDI bulkhead

3
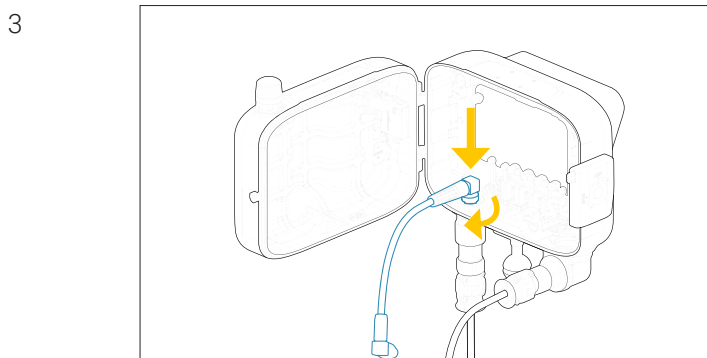
connect the 25060 SDI cable from SDI bulkhead

tighten the cable by turning the screw clockwise

4
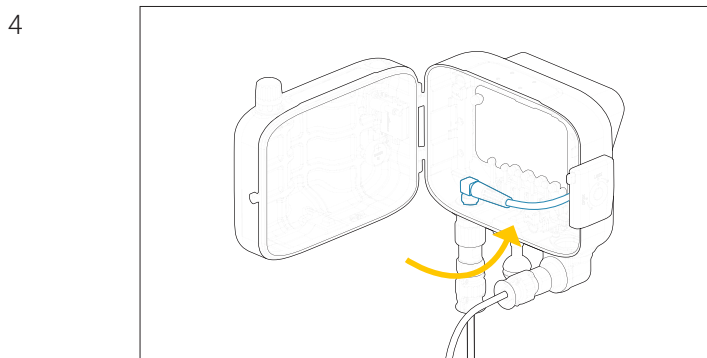
rotate the cable towards the housing before placing the monitor

13

CABLE CONNECTION - SDI OUT

1

turn the two locking levers in the direction as shown

2

place the monitor inside the housing

then secure the monitor by turning the two locking levers towards the monitor

3

wrap the cable around the battery and connect the cable to the monitor SDI-out socket

CABLE CONNECTION - TO CAMERA HOUSING

1

Cable

Bulklhead

M16
Extension Ring
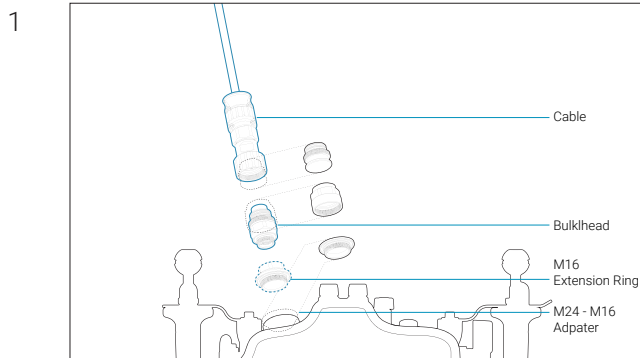
M24 - M16
Adpater

remove the caps of HDMI/SDI cable and bulkhead
(M24-M16 adapter if needed)

2
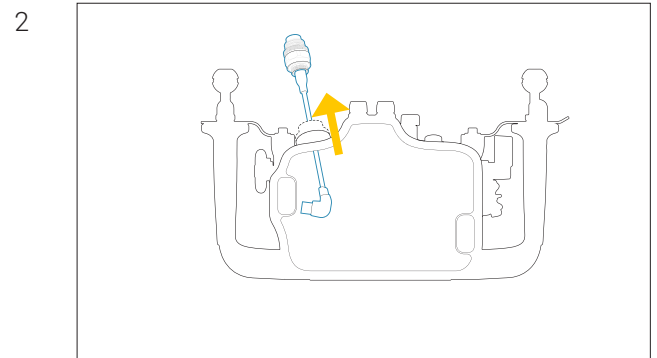
connect the internal cable to the bulkhead
as shown

3
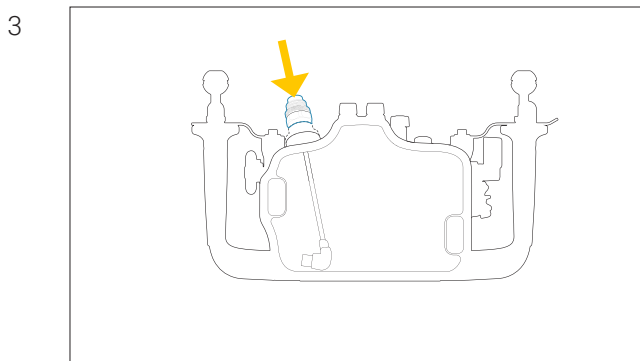
connect the bulkhead onto camera housing

4
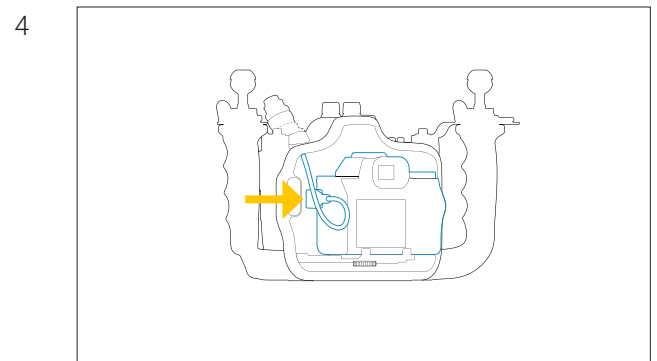
connect the internal cable to the camera connector

5
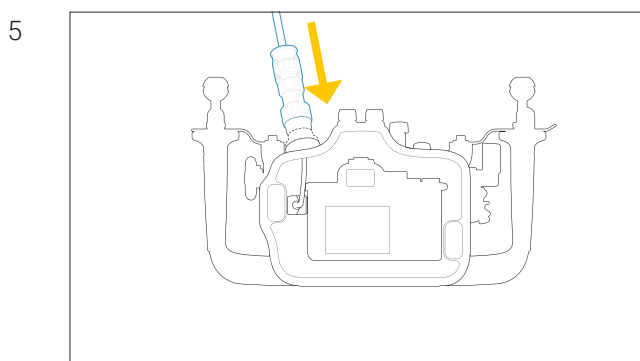
connect the HDMI/SDI cable onto the bulkhead

PREPARATION FOR USE
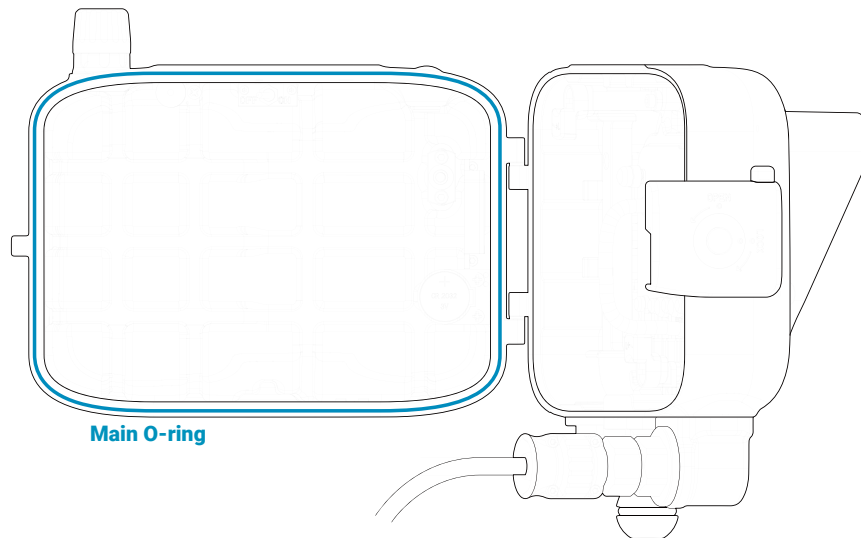
Main O-ring

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

Alarm ON/OFF

CR2032 Battery
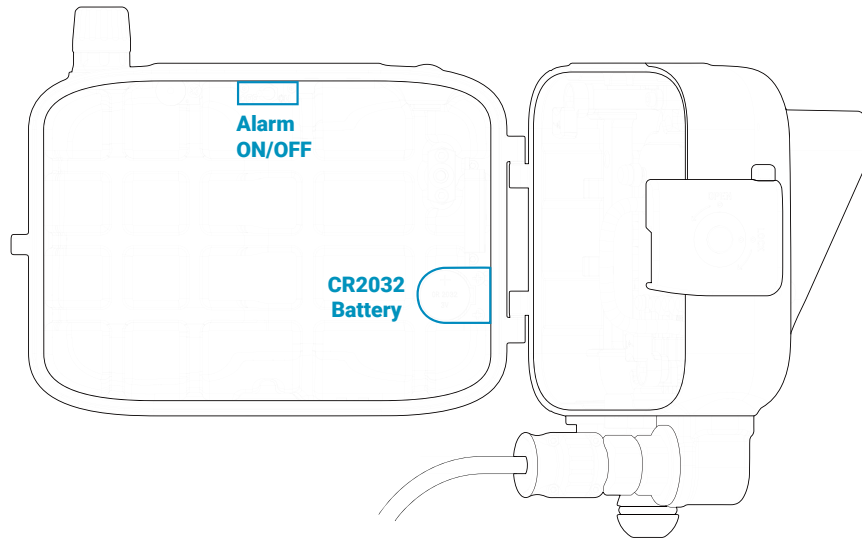
1
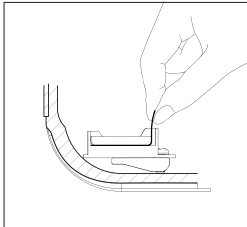
remove battery insulation film

2
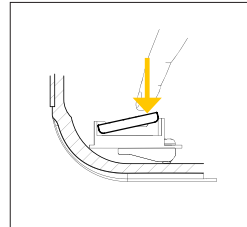
press the battery down until it click into place

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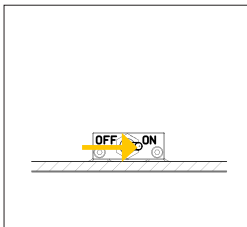
switch on the alarm
- the moisture alarm window will flash in BLUE when it is working correctly

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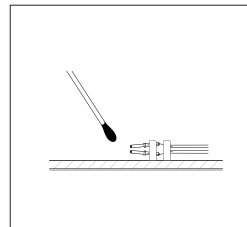
test the alarm
- connect the wires with a dampened cotton bud; the alarm will give a repeating 'beep' and the mositure alarm window will flash RED

PRE-INSTALLED M16 VACUUM VALVE II

1

hand pump

vacuum valve

moisture alarm window
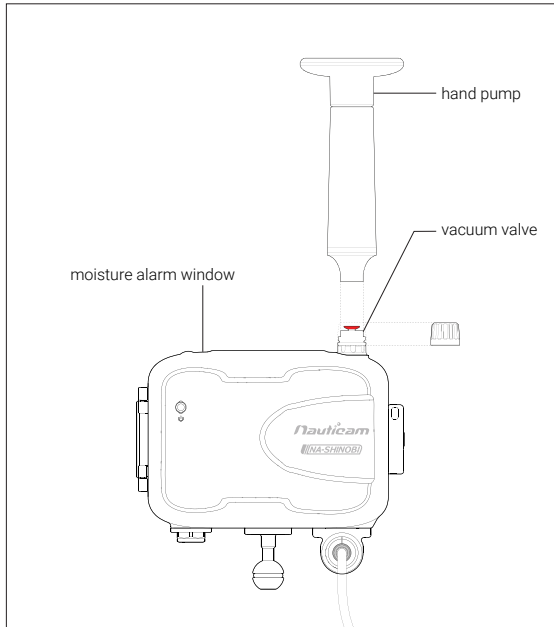
remove the cap from the
pre-installed vacuum valve

connect hand pump to the valve

2
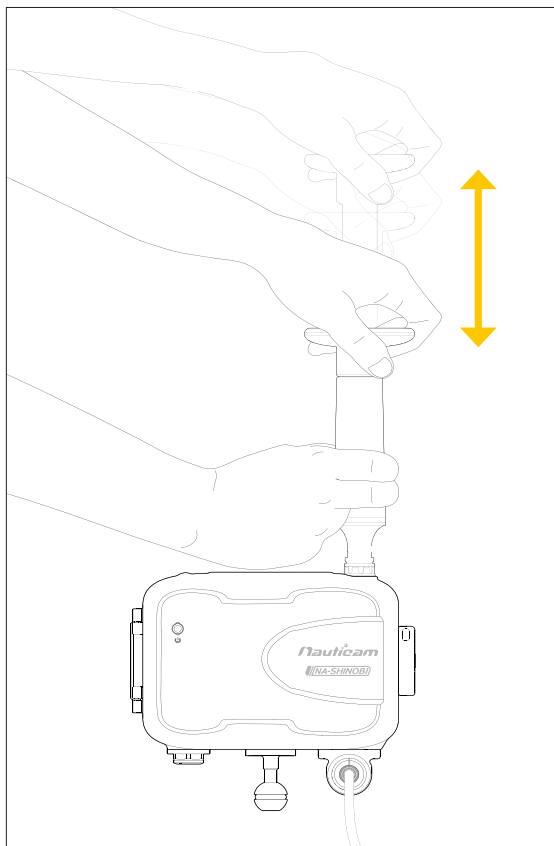
pump several times until it reaches
the target vacuum level

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 monitor 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

NA-SHINOBI-H

Atomos Shinobi 5" 4K HDMI Monitor, Atomos Shinobi SDI 5" HDR Pro Monitor

Construction

Housing body	Hard Anodized Aluminium Alloy
Display window	Abrasion Resistant Polycarbonate

Dimensions

Width	212 mm
Height	141 mm
Depth	115 mm

Weight

In air	1.67 kg
In water	-0.18 kg (w/ Shinobi HDMI monitor & battery)

Depth

Rating	100 m

Port specifications

Port accessories	1 x M16, 1 x M25
Pre-installed adaptor	M25-M16 Step Down Adaptor

Essential items for surface monitor

25058 M16 SDI Bulkhead
25060 SDI Cable in 0.30m length (for connection from monitor to SDI bulkhead)
25065 SDI Surface Monitor Cable in 45m length

NA-SHINOBI-S

Atomos Shinobi SDI 5" HDR Pro Monitor

Construction

Housing body	Hard Anodized Aluminium Alloy
Display window	Abrasion Resistant Polycarbonate

Dimensions

Width	212 mm
Height	141 mm
Depth	115 mm

Weight

In air	1.67 kg
In water	-0.18 kg (w/ Shinobi SDI monitor & battery)

Depth

Rating	100 m

Port specifications

Port accessories	1 x M16, 1 x M25
Pre-installed adaptor	M25-M16 Step Down Adaptor

Optional accessories for surface monitor

25096 SDI Cable in 0.75m length (for connection from monitor to SDI bulkhead)
25062 SDI Surface Monitor Cable in 5m length
25064 SDI Surface Monitor Cable in 15m length
25063 SDI Surface Monitor Cable in 30m length

HDMI CABLE COMPATIBILITY

25036 and 25046 are both included in NA-SHINOBI-H package

25036 HDMI (D-C) Cable in 190mm length

Compatible Camera	Nikon	D5
		D500
		D750
		D7500
	Canon	R
		5DIV
		5DSR
		6DII
		7DII
		80D

25046 HDMI (D-D) Cable in 200mm length

Compatible Camera	Sony	A9II
		A7IV
		A6500
		RX100VII
	Nikon	Z50
	Olympus	EM1X

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Gallery. www.nauticam.smugmug.com