

SCUBACAM LTD.

SCU-30



Manufactured by:

Scubacam Ltd. Unit 8, Battlerswells Farm, Jackets Lane, Harefield, Middlesex UB9 6PZ
Tel: +44 (0)1923 822 872 E Mail: sales@scubacam.net Website: www.scubacam.net

Introduction

The Scubacam range of splash housings are completely watertight, flexible lightweight camera housings designed for both video and film cameras. They are designed to operate just above or just below the surface of the water, or in an environment which is extremely dusty or dirty, in order to give the camera operator access to all the lens and camera functions.

Each model of Scubacam splash housing is made from high quality polyurethane film and clear PVC windows, robust and hard-wearing materials that are manufactured to fit snugly around the camera and lens. The units are sealed with specialised watertight zips made to M.o.D. specifications. All metal parts are either stainless steel, or anodised aluminium.

It is important to remember that these housings are NOT to be considered as being suitable for prolonged continuous underwater use, and are not an inexpensive replacement for the more expensive cast aluminium deep-water housings.

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General Information

The materials used in manufacture can be affected by heat, ozone, and ultraviolet light.

This appears as surface cracking on areas under stress. Therefore, it is important not to expose your Scubacam splash housing to these conditions for prolonged periods.

Polyurethane Film and PVC are also adversely affected by solvents and oils, including sun protective agents used on the skin, and therefore must be always kept away from these.

Should the housing come into contact with these substances, wash the affected areas with a diluted detergent solution.

The glues used in the manufacture of this splash housing are heat sensitive. Do not leave the splash housing in a situation where the temperature will rise above 75° centigrade.

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Technical Data

Housing:	Polyurethane Film bonded to a high tenacity webbing and clear PVC for the window areas.
Operating Temperature:	-4 degrees C to +40 degrees C
Dimensions:	Length: 700mm Height: 300mm Width: 250mm
Weight:	6.5kg
Front Port:	150 x 115mm maximum lens diameter, 6mm thick optical glass coated with a non-stick polymer.
Leak Alarm:	9 volt tone generator.
Maximum Depth:	Up to a MAXIMUM of 4 meters.
Video Cable: (Where fitted)	Lemo underwater coaxial connector to BNC video connector.
LCS Cable: (Where fitted)	Lemo 5 pin underwater connector to Fischer 5 pin connector or Lemo 5 pin 1B type connector as fitted
Power Cable: (Where fitted)	Lemo 2 pin underwater connector to 3 pin XLR
Ethernet Cable: (Where fitted)	Lemo 8 pin underwater connector to RJ45 connector. Cat-6 twisted pair cable

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General Care

Before **every** use, carry out a visual inspection of the splash housing to determine if there is any damage.

Before use, inspect the probes of the leak alarm to ensure they are clean and unobstructed. To check the detector is working properly, connect the battery and touch the probes with a damp finger. The tone will be heard if the leak detector is functioning correctly.

For total safety, close the zip and submerge for 10 minutes. At the end of this period, remove, open, and inspect for leaks.

After every use, wash the housing with salt free water and dry. Using the brush applicator on the Zip Care bottle, carefully clean the zip and apply Zip Care as per the instructions supplied, and wax the outer teeth.

Always handle carefully.

Keep away from sharp or pointed objects.

Do not place on or near hot objects or heat sources.

Store in a cool place.

Do not fold the housing tightly when storing in a flight case, and ensure that it is not pinched between the lid and the box.

Do not leave the housing for prolonged periods in direct sunlight.

Do not clean with strong chemicals.

Clean the front port regularly with the supplied cleaner and re-coat with polymer.

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Instructions

FULLY open the zip of the splash housing

Attach the sliding camera plate on to the camera

Gently ease the camera, lens and accessories into the housing

Locate the sliding camera plate into the adjustable internal plate and position the lens as close to the front port as possible

Do not force any part of this operation, or put any stress on the zip ends

FULLY CLOSE THE ZIP, ensuring the slider seats fully into the end of the zip

To remove the camera, reverse these steps

To insert connectors, simply push on the body. **Connector plugs and caps must be mated when underwater.** Failure to do so will lead to the connectors filling with water when the caps are re-installed after use



When connecting or disconnecting the cables **grip the connector bodies**. Do **not** pull on the cables, as this will damage the connector assembly

With the camera enclosed in the splash housing the unit has positive buoyancy. However, the lens can be located below the surface, by letting out some air from the housing by rotating the adjustable dump valve anti-clockwise. Air will vent from the valve as the unit submerges. For greater depth rotate the valve further.

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List of Parts

Scubacam splash housing

Zip wax

Zip care fluid

Lens cleaning kit

Instruction booklet

Laminated instruction sheet

BDM zip care instruction leaflet

Optional extras:

12 metre HD-SDI video cable

12 metre LCS cable

12 metre power cable

On-board HD Monitor

Wrap around handle

Air jet system

French flag

Pistol On/Off grip

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Care of Scubacam Splash Housings

When a Scubacam splash housing is sold, we supply the following products to help maintain the splash housing.

Zip wax:

The zip wax is part of a two-part process to protect the zip against the elements.

At the end of the day, prior to storing the unit, clean the zipper with fresh water and brush off any debris. Apply the zip wax sparingly on the outer elements of the zip. Open and close the zip a few times to aid in the application of the wax. This allows the slider to run smoothly over the teeth of the zip.

Zip care fluid:

The zip care fluid is the second part to the zip cleaning process. Use the brush applicator on the bottle to clean away any debris from the teeth of the zip.

Repeat procedure; squeeze the bottle to allow the zip care fluid to run along the inner elements of the zip.
Leave the zip open when storing the unit.

Front port polymer:

The front port polymer is a two-part application.

Part one: is a pre cleaner, this dissolves any oils and solvents that are on the glass, and cleans off any debris.

Part two: is the sea through polymer. Apply to the front port by following the procedure on the bottle.

The polymer puts a fine clear film on the glass, when water comes in to contact with the glass it runs off, as opposed to sticking to it.

Use regularly for consistent results.

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Limited One-Year Warranty

SCUBACAM Ltd. warrants that for a period of one year from the date of purchase your Scubacam housing will be free from defects in materials and workmanship **UNDER NORMAL USE** and following manufacturer's instructions for maintenance.

This warranty extends **only** to the original purchaser.

SCUBACAM Ltd. will at its option, repair or replace any components of the Scubacam housing which it finds defective. To obtain warranty service on your Scubacam housing, it must be returned to **SCUBACAM Ltd.** at your cost, and with proof of purchase.

NO guarantee express or implied is given for the operation of a camera at a depth greater than specified in the instructions or for any other misuse including, but not limited to, improper operation or handling and failure due to normal wear and tear. All implied warranties of merchantability and fitness for intended use are limited to the duration of this warranty.

**THIS WARRANTY DOES NOT AND SCUBACAM LTD. SHALL NOT BE
LIABLE FOR INCIDENTAL OR CONSEQUENTIAL LOSSES OR
DAMAGES.**

*This warranty does not cover anything arising from: **misuse, abuse, neglect, alteration, failure to observe maintenance procedures, attempted disassembly or un-authorized repairs and service***

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