LUMISHORE

HD-SDI to HDMI Converter for the

All Thru-Hull HD Cameras

Installation and Operation Guide



45-0042 - rev 2

Please read the following pages before attempting installation to ensure complete understanding of the LUMISHORE HD-SDI to HDMI Converter.

1.0 BEFORE YOU START

- This product is 12V DC ONLY.
- This product is intended for use with the Lumishore UWC HD Cameras only
- Switch off all power before starting installation.

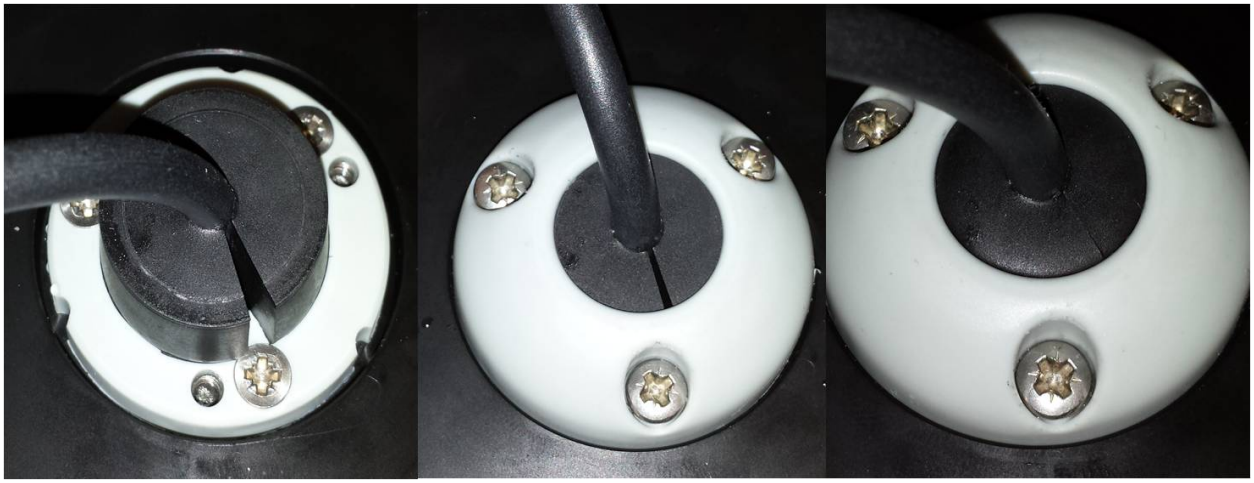
2.0 INSTALLING THE HD-SDI TO HDMI CONVERTER

Installation Considerations

- Location – Mount the converter box on a flat surface that has enough clearance above the box to be able to remove and replace the lid. Ensure there is enough room so that the cables going into the box are not obstructed.
- Only use the fixing holes in the corner of the box – these are visible when the lid is removed. DO NOT make any other holes in the box. Doing so will compromise the seal of the box.
- Select a location for the box that is away from regular contact with water.

Installation

1. Remove the lid from the box.
2. Remove the two grey gland covers from the outside of the box– keep the screws, gland cover and rubber grommet safe as you will need these later.
3. Mount the box using the four fixing holes in the corners of the box
4. Feed the HD Underwater Camera power and video connector through one of grey gland covers, and then through the gland hole on the long side of the box
5. Connect the cameras yellow **HD-SDI BNC connecter** to the BNC connector of the HD-SDI to HDMI Converter
6. Connect the red power connector from the camera to the connector inside the box. The camera is powered from inside the box so there is no need to run a separate power cable to the camera. The converter power jack is already plugged into the converter
7. Feed the Connector from the HDMI cable (Not Supplied) through the other gland cover, and through the cable gland hole on the short side of the box. Plug it into the HDMI port on the converter. The other end should be plugged into the display to be used for showing the picture.
8. Place the split grommet around the cable so that the larger diameter end is in contact with the gland ring. Place the gland cover over the top so that it fits neatly over the split grommet. Screw the gland cover down using the crews provided.



9. Connect the 12V DC power cable to the 12V DC voltage supply
10. Place the white desiccant bag inside the box – this will absorb any excess moisture from the air, and prevent condensation
11. Replace the lid – turn each of the corner screws a quarter turn from the 0 position to the 1 position
12. Turn on the power and check that a picture is displayed on the screen

7.0 PRODUCT SUPPORT ENQUIRIES

If you have questions or comments, please email info@lumishore.com or call:
USA (941) 405-3302, United Kingdom +44(0)208 144 1694, France +33(0)493 582 537.

9.0 WARRANTY

LUMISHORE Ltd warrants the HD-SDI to HDMI Converter System to be free from defects in workmanship and materials for a period of one year, starting from the date of original purchase. Should your system have a problem during this period, please contact your dealer as soon as you become aware of the defect.

Misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and camera, installation by unqualified personnel, unauthorized repair or modification will void this warranty. For the avoidance of confusion and doubt, non-compliance with all installation, maintenance, and operating instructions in this document constitute non-conformance with warranty terms.

NOTES

THANK YOU

FOR PURCHASING LUMISHORE PRODUCTS!

Scan with your smart phone to link to

Lumishore Home page

Lumishore USA
(Americas Enquiries)
7137 24th Court East
Sarasota, FL 34243
www.lumishore.com
info@lumishore.com

Lumishore Ltd
Head Office
Unit 11, Technium 1
King's Road
Swansea SA1 8PH
United Kingdom