



IM21 – 100

Compact Ethernet Hub

Benefits

- 10 / 100 / 1000 Mbps
- 6000msw Rated
- Titanium Housing
- 24VDC Input

Applications

- ROV & Manned Submersible
- Tow & Drop Camera System
- Inspection & Survey
- Multiplexer Extender
- General Purpose

For further information email:

UK and Global:
SEcamera.sales.uk@imenco.com

Norway and Europe:
SEcamera.sales.eu@imenco.com

United States:
SEcamera.sales.us@imenco.com

IM21-100RevA

Overview

The IM21-100 provides an interface solution allowing up to 4 Subsea Ethernet devices to be connected to the 5 port Hub. The IM21-100 utilises an extremely rugged titanium alloy housing depth rated for 6000msw operation. This solution is ideal for those who require high quality video requirements whilst having access to only one Ethernet connection.

Technical Specifications

Electrical	
Input Power	16V - 24V DC
Data	10/100/1000Base T Ethernet
Max cable length	90 meters
Mechanical	
Standard connector	Subconn DBH13M x1 & Subconn DBH13F X 4
Connector Position	Mounted on Housing end plate.
Environmental	
Diameter	112mm
Length	88mm (not including connectors 44mm)
Weight	2.85 kg in Air, 2.15 kg in water (est)
Housing Material	Titanium 6AL/4B
Packing	
Packed Weight	3.5 kg
Packed Dimensions	300 x 180 x 170 mm
Environmental	
Temperature	Operating: -5°C to +40°C Storage -20°C to +60°C
Pressure rating	6000 msw
Shock	Designed to withstand 30G, 25ms half sine duration, on all three axes
Vibration	Designed to withstand 10G, from 20 to 150HZ on all three axes
Electro-Magnetic Compatibility	BS EN 61000-6-3: 2007 Emission Standard BS EN 61000-6-1: 2007 Immunity Standard

