The image shows a cylindrical, metallic subsea voltage converter. It has a red multi-pin connector on the left end and a red threaded cap on the right end. The body is silver with the 'imenco' logo and 'SMART SOLUTIONS' printed on it. There are also some technical markings and a warning symbol on the side.

# IM12-104

## Subsea voltage convertor 100-240Vac to 24Vdc

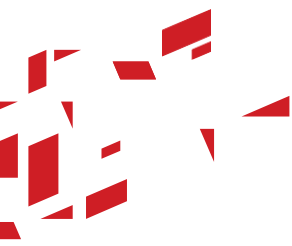
- 100-240V AC Input
- 24VDC Output
- 6000msw Rated

The IM12-104 Subsea voltage convertor has been designed specifically for interfacing with the Imenco range of cameras, P & T units and lamps and for situations where a voltage conversion is required.

The IM12-104 unit converts an input voltage of 100-240Vac to an output voltage of 24 VDC, at 3.75A.

This will allow clients with AC input to use our Pan & Tilt or Rotator units that require a 24V dc input.

The IM12-104 utilises an extremely rugged titanium alloy housing depth rated for 6000msw operation.



## Applications

- Compatible with all Cameras
- Compatible with all Actuators
- Voltage conversion systems
- Long distance cable requirements

# IM12-104

## Technical Specifications

Electrical	
Input Power	100-240V ac (90-264V ac max)
Output Power	24 VDC
Input Frequency	47-63hz
Input current RMS Max	1.2A
Current Max	3.75A
Power	90 Watts
Protection	Short circuit, over current & Over voltage Protection Over Temperature (max internal trip temperature 50°C)
Interface	
Standard connector	5506-2013 13 pin 20 shell Burton on AC input 6606-2008 8 pin 20 shell on DC Output
Optional connectors	Various connectors available on request.
Mechanical	
Dimensions	240 x 103.2mm
Weight	4.9kg
Housing Material	Titanium 6AL/4B
Packing	
Packed Weight	5.3 Kg
Packed Dimensions	445 x 175 x 200 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

IM12-104 Datasheet Rev.A