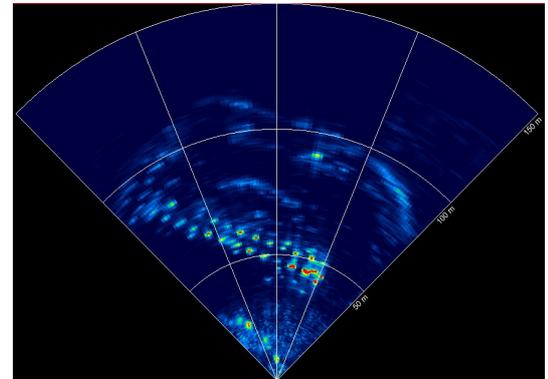
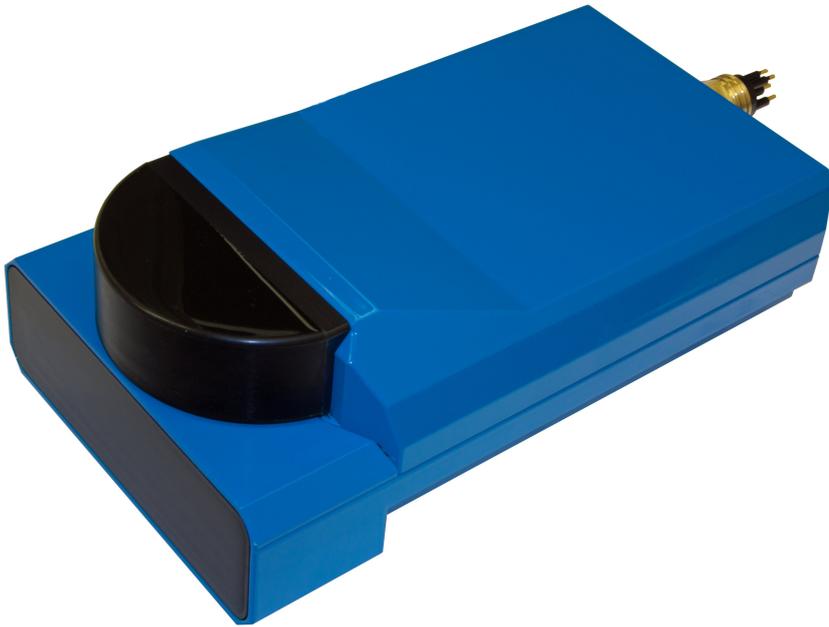
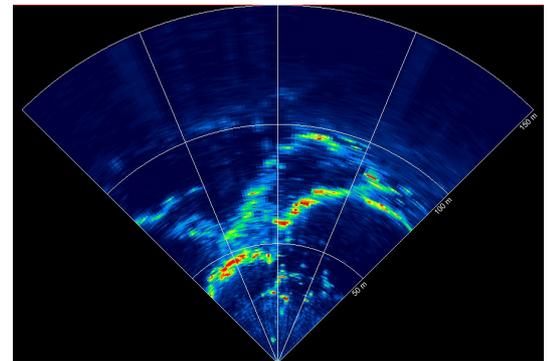


Dolphin Real Time Sonar

Model Sea View



Town Quay



Marina

The Dolphin Real Time Sonar Model Sea View is the latest innovation from the company that is dedicated to providing quality compact products. The high frequency imaging sonar is suitable for the smallest of ROV's and only requires a 2 core cable when using Ethernet over power .

- **720kHz Operating Frequency**
- **Real Time continuous scanning over a 120° sector at 30 frames per second**
- **192 Beam**
- **Composite Array**
- **Low Power <15W**
- **Integrated Tilt sensor**
- **500m depth rating as standard**
- **3000m version for deep water**
- **Ethernet or VDSL as standard**
- **Windows Operating System**



Ethernet Interface Box

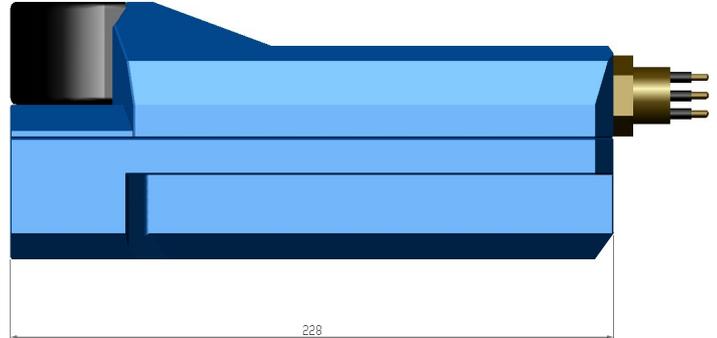
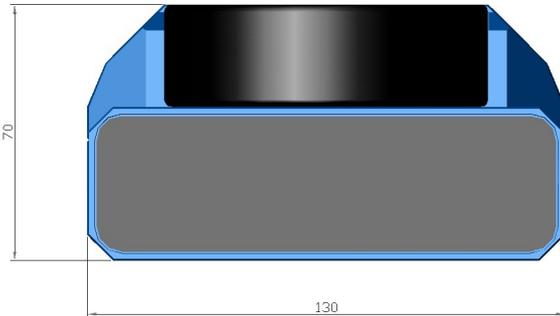
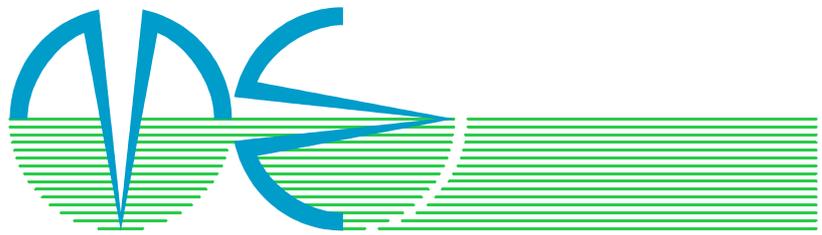


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Dolphin Real Time Sonar

Model Sea View



Specification

Acoustic

<i>Operating Frequency:</i>	720kHz
<i>Angular Resolution:</i>	0.6°
<i>Sector Scanned:</i>	30°, 60°, 90° or 120° selectable
<i>Number of Beams</i>	192
<i>Vertical Beamwidth</i>	20°
<i>Range Settings:</i>	0.2m to 100m
<i>Scan Rate</i>	Up to 30Hz (Range Dependent)
<i>Range Resolution:</i>	8mm (Range Dependent)

Interface

<i>Power Consumption</i>	15W Maximum
<i>Supply Voltage</i>	20 to 36V DC
<i>Communications</i>	Ethernet or VDSL
<i>Connector</i>	8 Pin Subconn Micro

Physical

<i>Size</i>	228mm x 130mm x 70mm
<i>Material</i>	Anodised Aluminium / Polyurethane
<i>Depth Rating</i>	500m
<i>Weight in Air</i>	2.5kg
<i>Weight in Water</i>	1.6kg
<i>Temperature Range</i>	0 to +40° (operating) -20 to +60° (storage)



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