



## SportScan

The SportScan is an affordable dual channel, high-resolution, digital side-scan sonar.

### Applications:

- Underwater Archaeology
- Sunken Timber Recovery
- Search & Recovery
- Hydrographic Survey
- Law Enforcement Work
- Scientific Research
- Environmental Survey



Operate the SportScan directly from your laptop or desktop PC. All that is needed is a 12 VDC power source. Connect a GPS receiver for latitude and longitude coordinates.

By interfacing the SportScan with our Viking Survey software the sonar data is projected onto a chart in real-time.

### Features:

- Very user friendly
- Lightweight and extremely portable
- Inexpensive
- 23 m (75') tow cable included
- High resolution
- Up to 240 m (800') total coverage
- GPS interface
- Speed correction
- Height and length measurements

### Hardware Specifications:

<b>Frequency</b>	330 kHz or 330 / 800 kHz
<b>Transducer</b>	One transducer per side, tilted down 20°
<b>Transducer beam width</b>	330 kHz: 1.8° x 60° 800 kHz: 0.7° x 30°
<b>Range resolution</b>	Both sides displayed: Range scale ÷ 250 Single side displayed: Range scale ÷ 500
<b>Max. operating depth</b>	30 m (100')
<b>Max. cable length</b>	60 m (200')
<b>Interface</b>	RS-232 serial interface @ 115.2 kbps
<b>Connector</b>	Wet mateable (Impulse LPMBH-4-MP)
<b>Power supply</b>	10 – 16 VDC at 300 mA max.
<b>Dimensions</b>	114 mm (4.5") diameter x 833 mm (32.8") length
<b>Weight: in air in water</b>	4.5 kg (10 lbs) not including ballast 1.2 kg (2.7 lbs)
<b>Ballast</b>	Standard diver belt weights
<b>Materials</b>	Polyurethane & 6061-T6 Aluminium
<b>Finish</b>	Clear anodized