



**SportScan**

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## IMAGENEX SPORTSCAN

### APPLICATIONS:

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

### FEATURES:

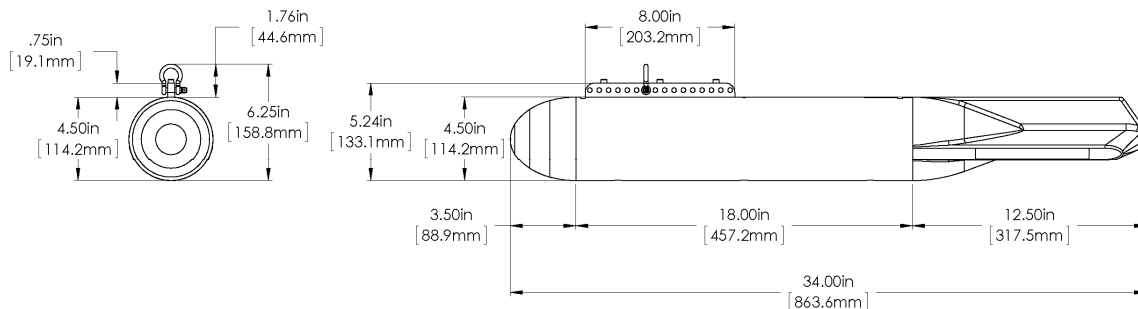
- Very user friendly
- Lightweight and extremely portable
- Inexpensive
- 23 m (75') tow cable included
- High resolution
- Up to 240 m (800') total coverage
- GPS interface
- Speed correction
- Height and length measurements
- 4 user selectable colour tables
- XTF Conversion program (optional)

The Imagenex SportScan is an affordable dual channel, high-resolution, digital side-scan sonar geared toward the sport diving market. 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.



| HARDWARE SPECIFICATIONS: |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|
| FREQUENCY                | 330 kHz or 330 / 800 kHz                                                            |
| TRANSDUCER               | One transducer per side, tilted down 20°                                            |
| TRANSDUCER BEAM WIDTH    | 330 kHz: 1.8° x 60°<br>800 kHz: 0.7° x 30°                                          |
| RANGE RESOLUTION         | Both sides displayed: Range scale ÷ 250<br>Single side displayed: Range scale ÷ 500 |
| MAX. OPERATING DEPTH     | 30 m (100')                                                                         |
| MAX. CABLE LENGTH        | 60 m (200')                                                                         |
| INTERFACE                | RS-232 serial interface @ 115.2 kbps                                                |
| CONNECTOR                | Wet mateable (Impulse LPMBH-4-MP)                                                   |
| POWER SUPPLY             | 10 – 16 VDC at 300 mA max.                                                          |
| DIMENSIONS               | 114 mm (4.5") diameter x 833 mm (32.8") length                                      |
| WEIGHT: In Air           | 4.5 kg (10 lbs)                                                                     |
| In Water                 | not including ballast<br>1.2 kg (2.7 lbs)                                           |
| BALLAST                  | Standard diver belt weights (readily available at dive shops)                       |
| MATERIALS                | Polyurethane & 6061-T6 Aluminum                                                     |
| FINISH                   | Clear anodized                                                                      |

|                                                           |                                                                                   |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>SOFTWARE SPECIFICATIONS:</b>                           | <b>Win881ss.exe</b>                                                               |
| <b>WINDOWS™ OPERATING SYSTEM</b>                          | Windows™ XP, Vista, 7, 8, 10                                                      |
| <b>MODES</b>                                              | Side Scan                                                                         |
| <b>RANGE SCALES</b>                                       | 15 m, 30 m, 60 m, 90 m, and 120 m<br>(50', 100', 200', 300', and 400')            |
| <b>FILE FORMAT</b>                                        | (filename).81s                                                                    |
| <b>GPS INPUT (4800, N, 8, 1)<br/>NMEA 0183 FORMATS:</b>   | GLL, GGA, VTG, RMC                                                                |
| <b>RECOMMENDED<br/>MINIMUM COMPUTER<br/>REQUIREMENTS:</b> | 100 MHz Pentium<br>16 MB RAM<br>1 GB Hard Disk<br>800 x 600 x 256 colour graphics |



| <b>ORDERING INFORMATION:</b>                  |          |             |
|-----------------------------------------------|----------|-------------|
| <b>30 m unit w / 23 m SportScan tow cable</b> | Standard | 881-000-150 |
| 330 / 800 kHz                                 | Option   | -005        |
| 60 m (200') SportScan tow cable               | Option   | -017        |
| XTF Converter<br>(Imagenex .81s to XTF)       | Option   | -019        |

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