# 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.



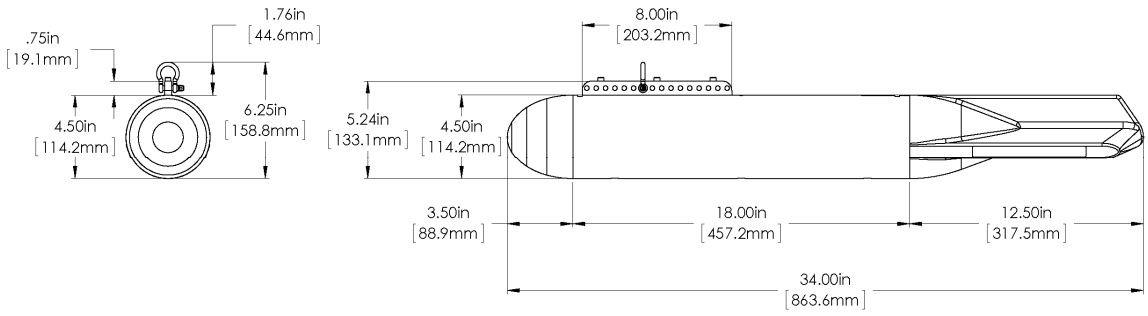

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| HARDWARE SPECIFICATIONS: | |
|---|---|
| **FREQUENCY** | 330 kHz or 330 / 800 kHz |
| **TRANSDUCER** | One transducer per side, tilted down 20° |
| **TRANSDUCER BEAM WIDTH** | 330 kHz: 1.8° x 60°<br>800 kHz: 0.7° x 30° |
| **RANGE RESOLUTION** | 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**<br>**In Water** | 4.5 kg (10 lbs)<br>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 |



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




| ORDERING INFORMATION: | | |
|---|---|---|
| **30 m unit w / 23 m SportScan tow cable** | 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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