

Applications:

*"See" in the most
turbid waters*

Structure Inspection

Hull and Berth Sweeps

Threat Identification

Search and Recovery

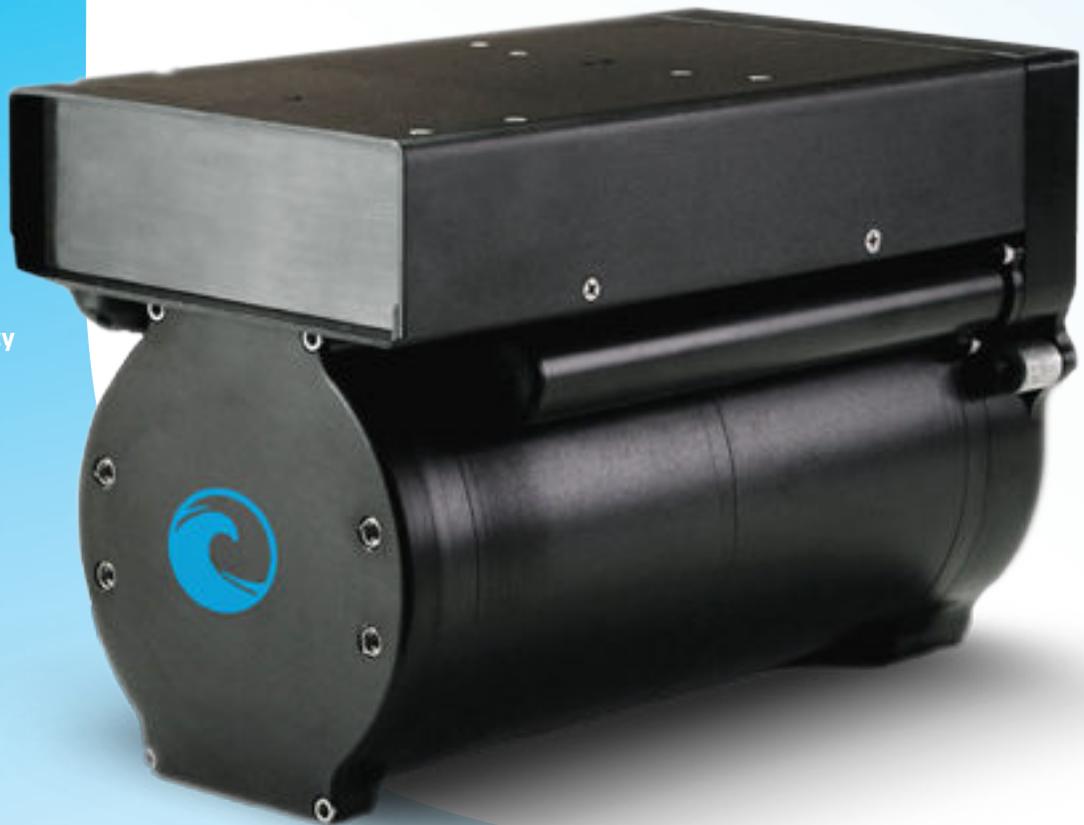
Fisheries Management

*Environmental
Monitoring*

DIDSON 300

DIDSON 300: See what others can't

The DIDSON 300 delivers image clarity that is unmatched by any other sonar in its class. At 1.8 MHz, this imaging sonar provides the detail that is required for thorough inspection. At the lower frequency, 1.1 MHz, the DIDSON's clarity makes it an ideal tool for detecting targets up to 35 meters. These near-video-quality images are presented through a powerful, multifunctional interface. The DIDSON 300 is a favorite of fisheries/marine biology for its ability to deliver necessary detail in real-time. This level of resolution is ideal for inspecting underwater structures, hull and berth sweeps, and for military and law enforcement when accuracy is a must.



Identification Frequency

1.8 MHz

Detection Frequency

1.1 MHz

Depth Rating

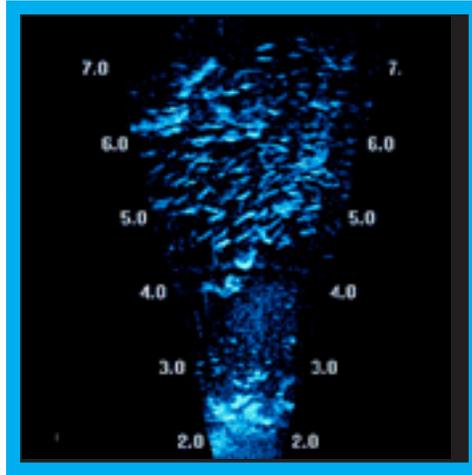
300m

Image samples at soundmetrics.com.

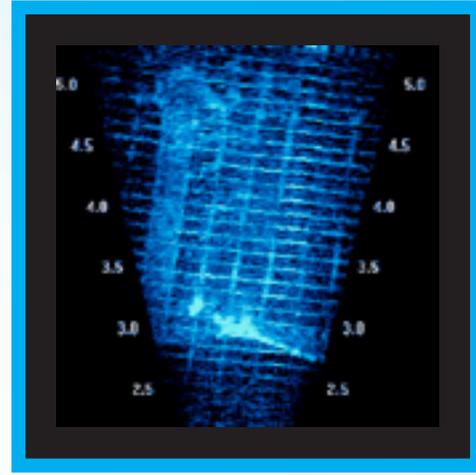


FEATURES

- Near-video-quality dynamic images
- Optional sensor for sonar heading, roll and pitch
- Data easily converted to AVI files
- Ethernet interface with Windows™ computer for real-time data display and control
- Extensive software functions for image processing



School of perch



Pipe wrench on grate

DIDSON 300	Operating Frequency*	Beamwidth	Number of Beams Physical / Displayed
Identification Mode	1.8 MHz	0.3° H by 14° V	96 / 480
Detection Mode	1.1 MHz	0.6° H by 14° V	48 / 240

Max Frame Rate	Field of View	Power Consumption	Weight (Air)	Weight (Water)	Dimensions
20 frames/s	29°	30 W (12-36 Vdc)	7.7 kg	.6 kg	30 x 20 x 17 cm

*The Long Range (LR) system uses lower frequencies (0.7 MHz and 1.2 MHz) and has a maximum range of 80m.

Founded in 2002, Sound Metrics Corp. is one of the first manufacturers of high resolution imaging sonars. These units are used in virtually every marine industry by some of the most recognizable companies around the world. In addition to being the technological leader in image quality, Sound Metrics has built a reputation for support and for innovating solutions around their customers' applications.

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