

Applications:

Explore the most turbid waters

Construction Monitoring

Structure Inspection

Security

Fisheries Management

Monitoring

ARIS Explorer 3000

The next generation in clarity.

With 128 beams operating at 3 MHz, the ARIS Explorer 3000 collects more data than any other imaging sonar in its class. Users get unmatched image clarity, even in turbid waters. For longer-range applications, there are the Explorer 1800 and 1200 models. The entire ARIS line is built to deliver in the most challenging situations. A smaller size, coupled with more efficient power use, makes the ARIS Explorer family ideal for ROV/AUV integration. The ARIS Explorer 3000 works in zero visibility and operates in waters from the arctic to the equator.



Identification Frequency

3.0 MHz

Detection Frequency

1.8 MHz

Depth Rating

300m

Visit soundmetrics.com/aris
for more information.



FEATURES

- Compact and lightweight
- Reliable and durable
- Export capability to common video file formats
- Ethernet communication interface
- Windows™ recording and playback software
- Real-time system data record, display and control
- Built-in compass and depth gauge
- Pan and tilt controller available as an option

ARIS EXPLORER 3000	Operating Frequency*	Beamwidth	Number of Beams Physical / Displayed	Range
Identification Mode	3.0 MHz	0.25°	128 / 512	5m
Detection Mode	1.8 MHz	0.42°	128 / 512 or 64 / 256	15m

Max Frame Rate	Field of View	Power Consumption	Weight (Air)	Dimensions
30 frames/s	~30°	15 W (12-36 Vdc)	5 kg	26 x 16 x 14 cm

*The Explorer 1200 uses lower frequencies (1.2 MHz and 0.7 MHz) and has a maximum range of 80m.

*The Explorer 1800 uses lower frequencies (1.8 MHz and 1.1 MHz) and has a maximum range of 40m.

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 recognized companies around the world. In addition to being the technological leader in image quality, Sound Metrics has built a reputation for support and for innovative solutions around their customers' applications.

WORLDWIDE SALES INFORMATION:
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