



ARIS Rotator AR₂

See What Others Can't

Better Aiming from Every Angle

With the Sound Metrics ARIS Rotator AR₂, easily and accurately aim the ARIS Explorer with 2-axis control of pan and tilt or tilt and roll.

The AR₂ rotates 360° to enable complete imaging of the surrounding environment. Varying the roll angle on a target provides a 3D-like perspective and also rolls the sonar to the best possible angle to image the seafloor, ship hulls, dam faces, etc. Manual and automated control is simple using the ARIScope software interface. Both the sonar and the AR₂ operate on a single standard cable.

APPLICATIONS

- Underwater Inspection
- Monitor Operations & Divers
- Construction Monitoring
- Hull & Berth Inspection
- Environmental Monitoring
- Port & Harbor Security
- Search and Recovery
- Fisheries Management



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TECHNICAL SPECIFICATIONS

Depth Rating	300 m
Weight in Air	6.30 kg
Weight in Water	3.5 kg

Tilt/Roll Mode

Tilt Up: 45°

Tilt Down: 90°

Roll Left: 100°

Roll Right: 100°

Rotation

Pan/Tilt Mode

Pan: Left 180°

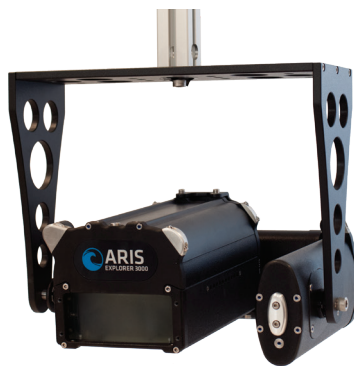
Pan: Right 180°

Tilt Up: 36°

Tilt Down: 90°

Provided Power Supply:

Input	100 - 240 VAC
Output	48 VDC
Maximum	150 W
Power Consumption	Max: 100 W, 12 W (no load)



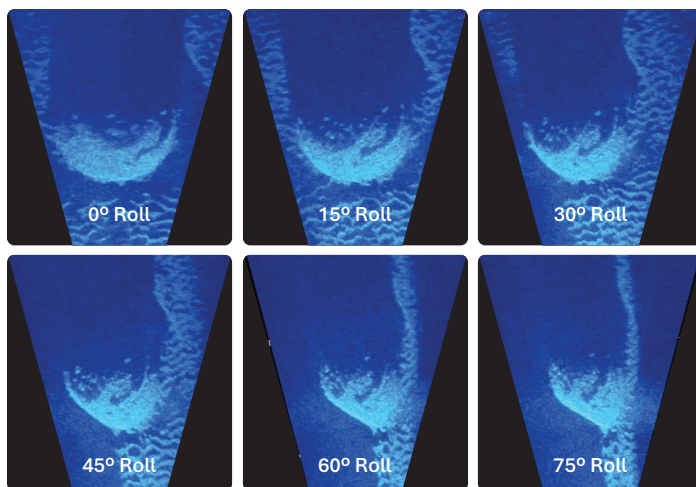
ARIS Rotator AR₂
Tilt/Roll Mode



ARIS Rotator AR₂
Pan/Tilt Mode

ROLL EXAMPLE

The AR₂ rolls the ARIS Explorer 3000 clockwise to capture a 3D-like perspective of a Manta Mine hidden by zero-visibility water.



Founded in 2002, Sound Metrics is the first company to introduce a high-frequency imaging sonar to the commercial market. The DIDSON brand of imaging sonars set a new standard for excellence in underwater vision in black and turbid waters.

The company later launched the next generation of DIDSON with the release of ARIS high-resolution and high definition imaging sonars. With the ARIS product range, Sound Metrics once again sets a new standard for imaging at extremely close ranges in all types of water.

Sound Metrics strives to offer the most advanced technology along with the best support and most innovative solutions for your applications.