

ARIS ROTATOR AR₂

SEE WHAT OTHERS CAN'T



APPLICATIONS:

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

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. For more information, visit www.soundmetrics.com.



DIDSON Technology

ARIS ROTATOR AR₂

SPECIFICATIONS:

DEPTH RATING: 300 m

WEIGHT IN AIR: 6.30 kg

WEIGHT IN WATER: 3.5 kg

ROTATION:

Tilt/Roll Mode:

Tilt Up: 45° | Down: 90°

Roll Left: 100° | Right: 100°

Pan/Tilt Mode:

Pan Left: 180° | Right: 180°

Tilt Up: 36° | Down: 90°

PROVIDED POWER SUPPLY:

Input: 100 - 240 Vac

Output: 48 Vdc

Maximum: 150 W

POWER CONSUMPTION:

Max: 100 W, 12 W (no load)

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 recently 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 around your applications.



ARIS ROTATOR AR₂
TILT/ROLL MODE



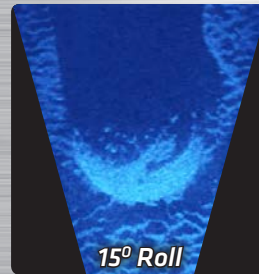
ARIS ROTATOR AR₂
PAN/TILT MODE

ROLL EXAMPLE

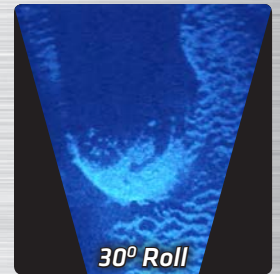
The AR₂ rolls the ARIS Explorer 3000 clockwise to capture a 3D-like perspective of a Manta Mine hidden by zero-visibility water.



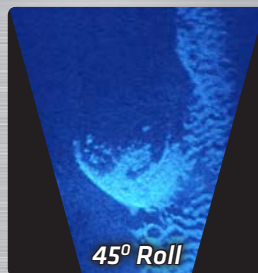
0° Roll



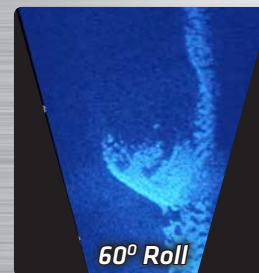
15° Roll



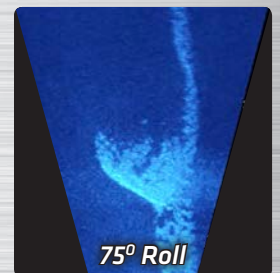
30° Roll



45° Roll



60° Roll



75° Roll



SOUND METRICS

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