

# OMNISCAN 450 DUAL SIDE-SCAN SONAR

SKU: CER-OMNISCAN-450-SS

Double Omniscan 450SS for scanning from both sides of the ROV simultaneously. 150m range.

**Supplier:** Cerulean Sonar



## TECHNICAL SPECIFICATIONS

### Acoustic performance

<b>Maximum Range</b>	150 m
<b>Beam Width</b>	0.5 deg
<b>Beam Height</b>	50 deg
<b>Frequency (nominal)</b>	450 kHz
<b>Range resolution</b>	up to 1/1200th of range
<b>Maximum Ping Rate</b>	20 Hz (up to 30m range)

### Electrical interface

<b>Power</b>	10-30 Volts, 5 watts max at idle, 10 watts max while pinging
<b>Data Interface</b>	100 Base-T Ethernet
<b>Internal Ethernet Switch</b>	Yes
<b>Internal Electronics</b>	Yes
<b>Electrical Connection</b>	Single cable w/4 pin JST for Ethernet data + 1 wire pair for power.

### Mechanical

<b>Weight in Water</b>	-10g (Transducer only)
<b>Max Operating Depth</b>	300 m