

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

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

Electrical interface

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

Mechanical

Weight in Water	-10g (Transducer only)
Max Operating Depth	300 m