OMNISCAN 450 COMPACT IMAGING SONAR

SKU: CER-OMNISCAN-450

Omniscan 450 Compact Imaging Sonar er ideell for fremovervendte ROV-applikasjoner. Transduseren og elektronikken er integrert i ett og samme hus med Ethernet- og strøminterface.

Leverandør: Cerulean Sonar



TEKNISK SPESIFIKASJON

Kompatibilitet

Kompatible ROV-modeller	X3, X3 Ultra, X7

Acoustic performance

Maximum Range	100 m
Beam Width	1.1 deg
Beam Height	50 deg
Vertical Beam Angle	15 deg downward
Frequency (nominal)	450 kHz
Range resolution	up to 1/1200th of range
Maximum Ping Rate	20 Hz

Electrical interface

Power	10-30 V, 10 W max (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. Options for the 3 ports including Blue Trail bulkhead connector(s).

Mechanical

Weight in Air	934 g
Weight in Water	400 g
Max Operating Depth	300 m