

# 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

### Acoustic performance

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

### Electrical interface

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

**Mechanical**

<b>Weight in Air</b>	934 g
<b>Weight in Water</b>	400 g
<b>Max Operating Depth</b>	300 m