OCULUS C550D DUAL-FREQUENCY MULTIBEAM IMAGING SONAR

SKU: BPS-OCU-C550D



Entry level, dual-frequency collision avoidance sonar in a rugged form factor. Depth rating down to 500 meters.

Supplier: Blueprint Subsea

TECHNICAL SPECIFICATIONS

Compatibility

Compatible ROV models	X3, X3 Ultra, X7

Mechanical

Dimensions	122 mm (L) x 122 mm (W) x 62 mm (H)
Construction	Anodised Aluminium
Weight	980 g (Air), 360 g (Water)
Depth Rating	500 m
Temp. Range (operating)	-5°C up to +35°C
Temp. Range (Storage)	-20°C up to +50°C

Performance

Operating Frequency	550 kHz / 820 kHz
Range (maximum)	100 m / 30 m
Range (minimum)	0.2 m
Range Resolution	8 mm / 5 mm

Update Rate (maximum)	40 Hz
Horizontal Aperture	120° / 90°
Vertical Aperture	20° / 20°
Number of Beams (maximum)	256
Angular Resolution	1 ° / 0.6°
Beam Separation	2.24° / 1.5°

Electrical

Connector	Impulse IE55 Series, 6-way
Communications	4-wire 100-BaseT Ethernet 2-wire DSL extender module
Supply Voltage	12 V to 32 V DC non-isolated
Power Consumption	10 W to 35 W (model and range dependent)