

OCULUS MULTIBEAM IMAGING SONARS



Oculus Multibeam Imaging SONARs are a new generation of compact imaging sonar, designed for use across a wide variety of underwater applications. Their small form factor makes them ideally suited for deployment from micro-sized platforms, while their rugged construction also makes them an excellent choice for work-class vehicles and subsea infrastructure.

Now available with four different frequency offerings and all sonars available in three different depth ratings (500m, 1000m, and 3000m).



CPC, Inc.
5005 Texas Street,
Unit 104,
San Diego, CA 92108

+1 707 373 1390 
alex.dowell@cpcperforms.com 
www.CPCperforms.com 

An Oculus to Suit Every Task

M370s single frequency (375kHz) 200m range capability

M750d dual-frequency (750kHz/1.2MHz) 120m range and 40m in target ID mode

M1200d dual-frequency (1.2MHz/2.1MHz) 40m range and 10m range in target ID mode

NEW!!! M3000d dual-frequency (2.1MHz/3.2MHz) with 10m range and extremely high level of detail

All sonars available in 500m, 1000m, and 3000m housings.

PRODUCT SPECIFICATION

Dimensions	125mm Long 122mm Wide 62mm High
Construction	Anodised Aluminium (Titanium available on request ♦)
Weight	980g (air), 360g (water) Neutral buoyancy pack available
Depth Rating	300m
Temperature Range	-5°C to +35°C (operating) -20°C to +50°C (storage)

Connector	Impulse IE55 Series, 6-way
Communications	4-wire 100-BaseT Ethernet, 2-wire DSL extender module (Trigger in/out and RS232 aux options ♦)
Supply Voltage	20V to 36V isolated DC (12V non-isolated option ♦)
Power Consumption	10W to 35W (model and range dependent ★)
Integrated Sensors	Water pressure and temperature (for Velocity-of-Sound calculation)

