

PHOTON

REMOTELY OPERATED VEHICLE

The most capable and portable micro-ROV. Stable and rugged design. Advanced inspection, modelling and search capabilities in the smallest possible lightweight package. This compact powerhouse can handle even the most challenging tasks from a single case.



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mfe-is.com



MFE INSPECTION
SOLUTIONS

PHOTON

REMOTELY OPERATED VEHICLE



Built with carbon fiber and anodized aluminum that ensures durability in the harshest conditions. Ideally suited for hull, port security, hydroelectric, and infrastructure inspections, ocean exploration, and more.



Flexible Power Options



6 Vectored Thrusters



Extremely Compact



Autonomous Navigation

GENERAL SPECIFICATIONS

ROV General Specs

Width :	333.2 MM
Height :	228 MM
Length :	480.6 MM (22.7")
Weight (in air) :	11.6 KG (25.6 LB)
Body Material :	Anodized Machined Aluminum, Carbon Fiber, Buoyancy Foam
Window Material :	Acrylic
Depth Rating :	120 M (400 FT)
Operating Temp :	-10°C to 50°C (14°F - 122°F)
Case:	Customized Pelican
Drives/Thruster:	Magnetically Coupled/Sealed
Warranty :	1 Year - Parts and Labor (optional 2-3 yrs)

ROV Electrical System

System Voltage :	19.2 VDC
Thruster Control :	6x Independently Controlled Infinitely Variable 100% Reversible
Power Options:	Battery or Direct Power

