

PHOTON

REMOTELY OPERATED VEHICLE [ROV]

The toughest and most portable “suitcase” ROV available. This lightweight micro-ROV offers advanced survey capabilities from a vehicle that anyone can deploy. This compact powerhouse offers advanced survey capabilities and a robust feature set.



To learn more visit
deeptrekker.com



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



Flexible Power
Options



6 Vectored
Thrusters



Extremely
Compact

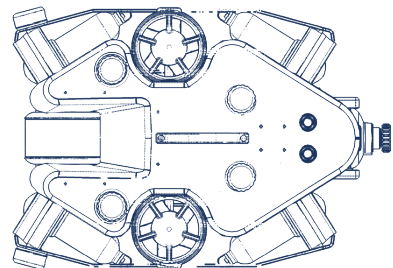


Autonomous
Navigation

GENERAL SPECIFICATIONS

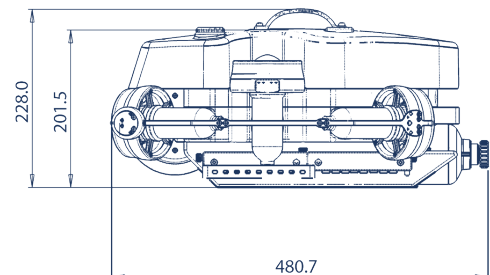
ROV General Specs

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 :	Sapphire & 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 Independent Control Infinitely Variable 100% Reversible



Deep Trekker reserves the right to amend these specifications at any time without notice.