

SYSTEM HIGHLIGHTS:

- » Monocular viewer
- » Low-profile lights
- » Buoyancy on Mask: -2.0 lbs
- » Depth rating: 300 feet
- » Rugged and portable



LAMPREY MONOCULAR

The Lamprey Monocular system uses patented technology provide visual assistance in dark water conditions.

Our specially-designed infrared lights penetrate dark water conditions so our custom cameras can transmit the signals to the display unit. The diver sees a high-resolution black and white video feed, giving significant added visibility compared to the human eye.

By using our custom technology, the Lamprey Vision System adds a level of visibility that improves safety, efficiency, and productivity for divers of all vocations.

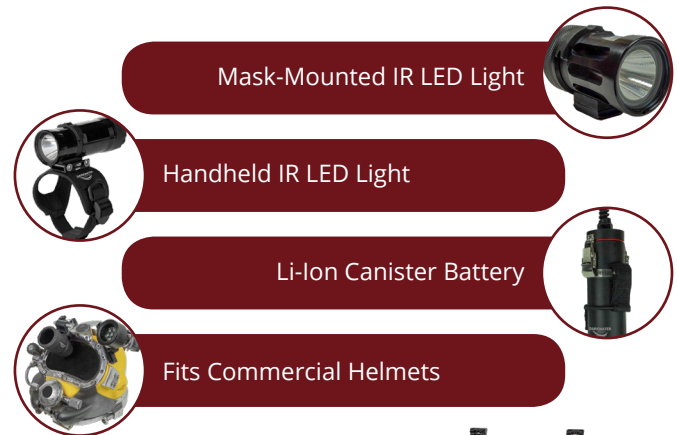
Ideal applications for the Lamprey:

- SHIP HUSBANDRY
- UNDERWATER CONSTRUCTION
- UNDERWATER INSPECTION
- SEARCH & RECOVERY
- OIL RIG INSPECTION
- ARCHAEOLOGICAL RESEARCH

System Includes:

- (1) Lamprey Monocular Viewer
- (1) IR Light with cable and Light Mount
- (1) IR Handheld Light (glove mount) and battery pack
- (1) Battery Canister with wet plug connector
- (1) Rail system with mounting brackets
- (1) Hard Carrying Case

Additional accessories can be purchased individually (please request full price list)



Optional upgrade to surface monitoring station from our partners at Axsub. The Surface Station supplies power and allows viewers to see and record what the diver is seeing.



TECHNICAL SPECIFICATIONS

Lamprey Monocular Vision System

Depth Rating:	300 ft
Battery:	100wH Rechargeable Li-ion Canister
Battery Life:	3-8 hours depending on light configuration
Battery Recharge Time:	3-4 hours
Vision System Material:	Anodized aluminum alloy
Glass Lens Material:	Tempered optical glass
Switching System:	Lights: magnetic rotary switch Vision system: always on
Power Modes (Lights):	100% / 50% / Off (rotary activated)

Dimensions

Vision System:	4.5 in (l) x 2.4 in (d)
IR Light Head:	3.5 in (l) x 2.0 in (d)
Handheld Light:	6.4 in (l) x 2.15 in (d)
Battery Canister:	9 in (l) x 2.6 in (d)

Weights

Air:	
Head-Mounted Items:	3.0 lbs
Buoyancy:	
Head-Mounted Items:	-2.0 lbs
Hand-Mounted Light:	-0.6 lbs
Battery Canister:	-1.0 lbs