

# POLAR'X – Enhanced Subsea Vision

**POLAR-X** is Forssea Robotics patented latest development in **REAL-TIME SUBSEA ENHANCED VISION** where a *Smart HD Camera* is used with polarized lights and real-time embedded software.



ELECTRICAL	
Voltage	24 Vdc
Power consumption	75W maximum
Standard wiring	13 pins standard dry-mate connector (8 pins for Ethernet ; 2 pins for 24Vdc ; 1 pin for 0Vdc ; 1 pin for 0/5V analog, 1 spare). Y splice available on demand.
Data transfer	Ethernet GigE Vision (100mBit/s)

MECHANICAL	
Housing material	Camera: 6,000m Titanium Lights: 3,000m anodized aluminium (upgrade on demand) Mounting plate: POM
Dimensions	260 x 170 x 90 mm
Weight	2.3 kg in air ; 1.1 kg in water

**IMPROVED VISIBILITY** in the most turbid of underwater conditions

