



Automate and simplify water-based inspections with the PeerShark Pro. Sporting an omnidirectional, wave resistant design, the PeerShark can be operated effectively even in the most challenging conditions.

The PeerShark comes stock with an enterprise-grade gimbal stabilizer, allowing you to mount a camera or scanner on it, while supporting a fully custom payload with deep software integration capabilities.

Benefits of the PeerShark Pro

- **Omnidirectional movement:** allowing you to rotate on the spot and precisely position the vessel for the best result.
- **Durable all plastic construction:** low maintenance & corrosion resistant vastly improving the hull longevity.
- **Redesigned power solution:** supporting up to 6 swappable 12Ah batteries, enabling autonomous and all-day operation.
- **Remote navigation capabilities:** one forward and one rear facing camera allow the operator to drive the vessel beyond line of sight, ideal for inspecting deep & complex structures.
- **Transportable:** packs down into the size of a large suitcase which can be transported on a normal airplane.

Recommended Operational Limits

Parameter	Minimum	Typical	Maximum
Temperature	5°C	20°C	35°C
Voltage	15v	18v	26v
Wind Conditions	-	5knots	10knots
Water Depth/Tide	0.5m	-	-
Speed (depending on weed guards)	-	0.25m/s	1m/s
Swell	-	0.5m	0.8m

Electrical Specifications

Nominal Voltage	18v	Peak System Current	80A
Batteries Supported	6	Voltage Monitoring	Yes
Battery Capacity	72 / 90 / 216Wh	Current Monitoring	Yes
Operating Time	4hr (90Wh x 6) 12hr (216Wh x 6)	Logic Voltage	5v
Charging Time	> 5hrs for 6 batteries (90Wh)	Payload Power	5v 2A USB-C
Protections	Over current Under voltage	Isolator Switch	Yes
Controller Frequency	5.8GHz	Controller Security	Supported
Video Supported	Yes	Video Resolution	720p
Controller Range	100-300m	Coprocessor	Nvidia Jetson Nano
Video and Payload Control Range	Up to 400m	Video and Payload Software	iPad web-app

Physical Specifications

Weight (assembled)	15kg	Diameter	1200mm
Max Payload Weight	1.5kg	Height	900mm
Stabilization	Gremsy T3V3	Bladder Type	PVC
Stabilization Range		Cover Material	Vinyl (PVC)
Stabilizer Weight	See Gremsy T3V3 specifications	Rated Pressure	4psi
Stabilizer Speed		Construction Materials	HDPE, 306 Stainless & ABS
Seaweed Guards	Supported & included	Electronics Waterproofing	Splashproof
Thruster Output	5kg per thruster	Thruster waterproofing	IP68
Portability	Supplied with custom Pelican case for transport.	Tetherable	Yes