

# TECHNICAL SPECIFICATIONS



## DRONE

<b>Hull design</b>	Hydrodynamic and hydrobalanced hull for stability and performance in ocean conditions. Ruggedized exterior for impact resistance.
<b>Pressure rating</b>	150 m.
<b>Weight</b>	8,6 kg.
<b>Speed</b>	1.5 m/s (3 knots). Boost mode for efficiency. Slow mode for precision.
<b>Run-time</b>	2 hours normal operation.
<b>Thrusters</b>	4 powerful thrusters (350 W on each). 2 rear, 1 vertical center, 1 lateral. User replaceable.
<b>Automation</b>	Auto heading. Auto depth.
<b>Camera</b>	Light sensitive Full HD 1080p 25/30 fps, wide angle lens.
<b>Search light</b>	Powerful 3300 lumen LED below camera. Fittings for extra lights as payload.
<b>Sensors</b>	Accelerometer. Gyroscope. Magnetometer. Water temperature. Depth. Internal pressure.
<b>Payload</b>	Standard fittings for payload on both top and bottom side of drone.
<b>Software</b>	Remote update of firmware on both Pioneer and Wireless Surface Unit.
<b>Storage capacity</b>	64 GB.
<b>Battery</b>	96 Wh lithium ion smart battery. User replaceable.

345 mm

260 mm

480 mm



## SURFACE UNIT

<b>Wireless transmitter</b>	WiFi router for wireless connection (2.4/5.8GHz). USB-A port for peripherals such as USB-Ethernet adapter for use in difficult wireless environments.
<b>Wireless range</b>	Range depending on environment. At least 15 m in open area.
<b>Tether</b>	75 m tether optimized for use with ocean drones. Tether is replaceable for easy handling and upgrade.

## BLUEYE APP

<b>App</b>	App for Android/iOS smartphone/tablet. Setup & control drone, manage and download dive data and video recordings.
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## OTHER

<b>Charger</b>	Universal charger with three USB ports for charging drone, surface unit and drone controller.
<b>Controller</b>	Bluetooth gamepad for iOS and Android