

TECHNICAL SPECIFICATIONS UNDERWATER DRONE

DRONE

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

345 mm

260 mm

480 mm



SURFACE UNIT

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| Wireless transmitter | 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. |
| Wireless range | Range depending on environment. At least 15 m in open area. |
| Tether | 75 m tether optimized for use with ocean drones. Tether is replaceable for easy handling and upgrade. |

BLUEYE APP

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

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|-------------------|---|
| Charger | Universal charger with three USB ports for charging drone, surface unit and drone controller. |
| Controller | Bluetooth gamepad for iOS and Android |