SUEX

GOLDFINDER

SERIES

SUEX

COMMITTED.

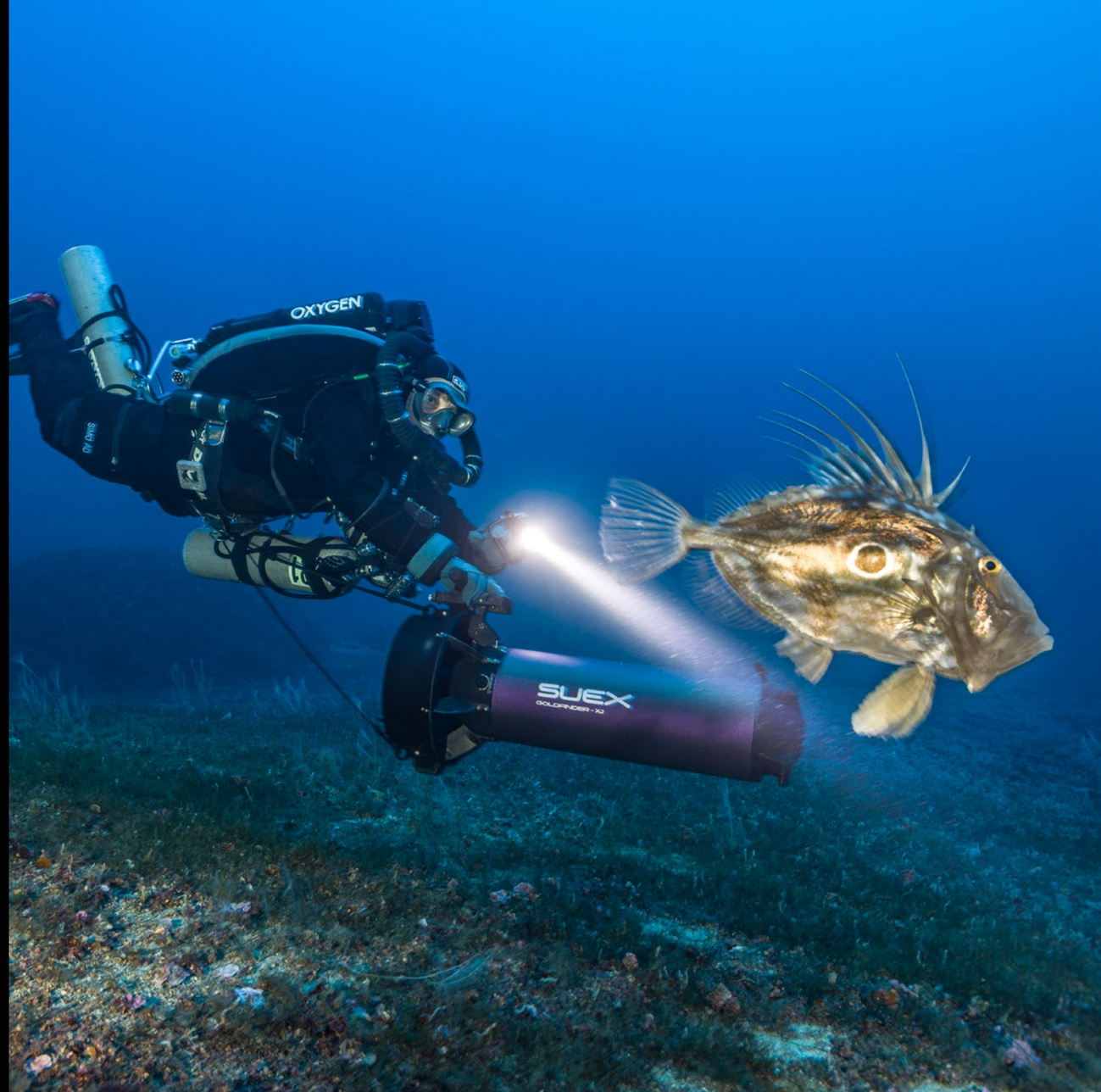
For over 25 years, SUEX has led the way in underwater exploration, setting new standards of excellence for professional and technical divers. The Goldfinder Series embodies this legacy, representing the pinnacle of our commitment to crafting tools that combine advanced engineering, cutting-edge technology, and refined design to meet the rigorous demands of underwater professionals.

Born from the passion of two visionaries in 1999, SUEX started as a bold dream to create the ultimate underwater propulsion systems. Today, this dream thrives in our headquarters in Treviso, where a team of multidisciplinary experts designs, tests, and produces solutions that redefine the limits of technical and professional diving. With the Goldfinder Series, we have elevated performance, precision, and reliability to new heights, offering divers the confidence to master even the most challenging environments.

The Goldfinder Series is not just a product line; it's the result of decades of research, relentless testing, and a deep understanding of the needs of those who depend on their equipment to perform flawlessly. From extended cave penetrations to demanding military missions, these DPVs are the embodiment of our philosophy: creating tools that empower divers to go further, dive safer, and achieve more.

SUEX and the Goldfinder Series are a celebration of innovation, resilience, and the enduring spirit of exploration. As we continue to push the boundaries of what's possible, we invite you to join us in conquering the depths with the precision and excellence that define the SUEX name.

SUEX



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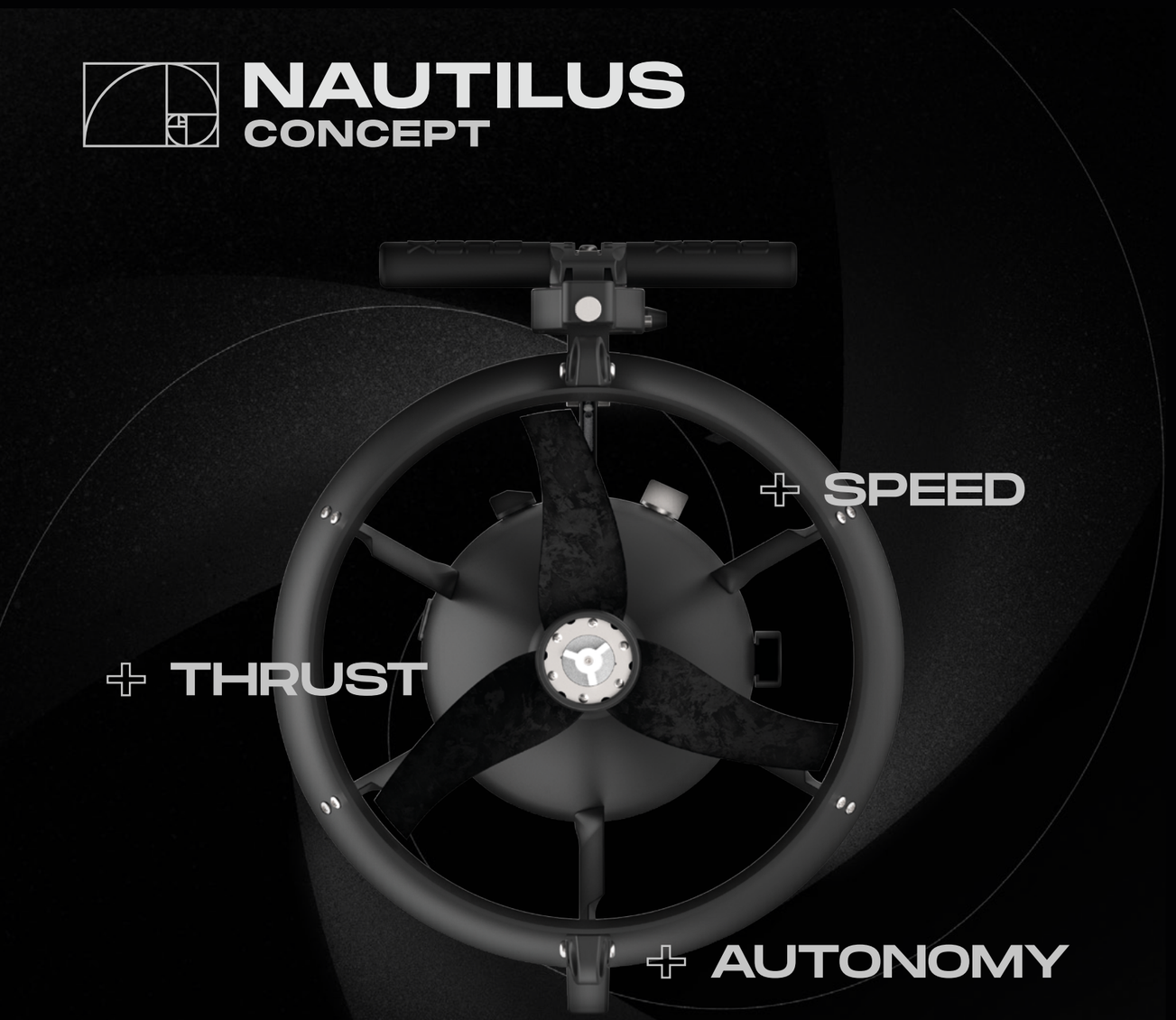
NAUTILUS
CONCEPT



PERFORMANCE & NAVIGATION

The Nautilus Concept is an integrated hydrodynamic architecture developed by SUEX to enhance stability, maneuverability, and energy efficiency across the entire DPV range.

Its optimized balance and fluid-dynamic design deliver smooth, accurate movement in any diving condition while reducing diver effort and maximising overall performance.

CORE DESIGN ELEMENTS

PROPELLER ENGINEERING

A new-generation propeller geometry designed to minimise energy loss, increase propulsion efficiency, and extend autonomy.

BRACKET STRUCTURE

Hydrodynamically refined brackets that reduce drag, torsion, and vibration, ensuring superior stability and smoother navigation.

NOSECONE DESIGN

An ergonomic, dual-grip nosecone that enhances handling, transport comfort, and overall hydrodynamic efficiency.

SUEX

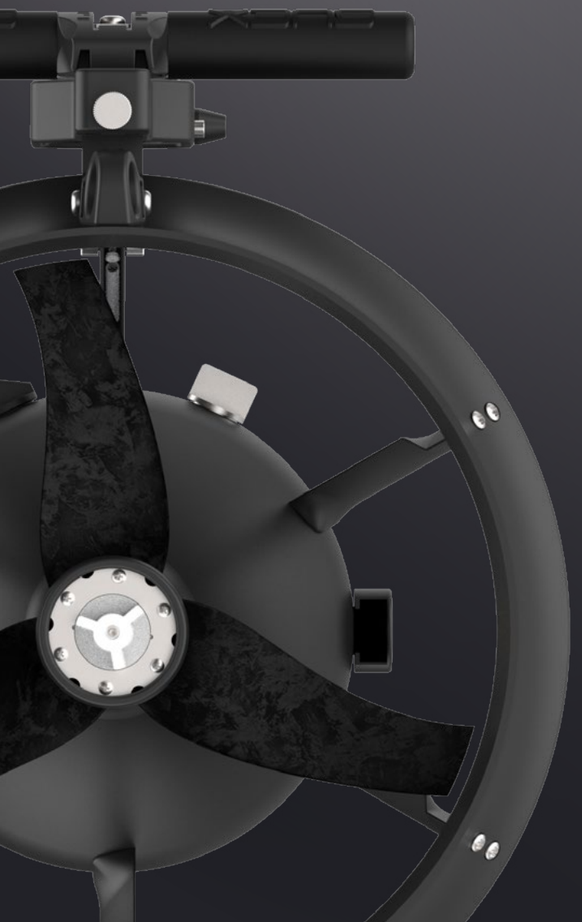
GOLDFINDER

SERIES

XK-XJ

GOLDFINDER

SERIES
XK–XJ



XJ

XJ

VOYAGER

XK

GOLDFINDER

SERIES

XK–XJ

PROFESSIONAL POWER, MODULAR INTELLIGENCE, GLOBAL MOBILITY.

The Goldfinder Series XK–XJ represents the evolution of professional DPVs, combining modular architecture, advanced navigation systems, and mission-ready configurations for technical divers and explorers.

GEMINI SYSTEM READY

The Goldfinder series allows for dual DPV coupling using the new Gemini System: more power, built-in redundancy and maximum versatility for professional scuba divers and extreme explorers.

DOUBLE–HANDLE NOSECONE DESIGN

Enhances handling and transport of the DPV in and out of the water, with an optional nosecone variant featuring external charging capability.

DRIVE SYSTEM READY

The Goldfinder Series is fully compatible with the SUEX DRIVe navigation system, enabling precise tracking and mission data even without satellite signals. This integration offers divers accurate, reliable navigation across every phase of the dive.

NAUTILUS CONCEPT DESIGN

Nautilus is SUEX's new navigation concept, merging advanced research and integrated hydrodynamics to deliver perfect stability, greater efficiency, and a smoother, quieter DPV experience.

DESIGNED FOR TRAVEL

The XJ VOYAGER introduces a new travel-ready configuration: Its Li-ION battery, made of 8 modules of 88 Wh, is fully UN38.3 / IATA compliant and can be carried on board as hand luggage, with a dedicated travel bag included. Compatible with the Calypso App, Eron D-1, and the SUEX DRIVe Navigation System. Its interchangeable setup allows the same system to switch between standard and travel modes, offering full flexibility for divers.

GOLDFINDER
XK-XJ

GOLDFINDER COLORS

01 JET **BLACK**

02 EARTH **BLUE**

03 ALIEN **PURPLE**

04 SATURN **BLACK**

XK

FEATURES

EXTERNAL CHARGE
included in nosecone

DRIVe SYSTEM NAVIGATION

GEMINI FRAME
Compatible

CALYPSO APP
Motor, Acceleration ramp settings and Battery

SUEX PROPLOCK SYSTEM
easy propeller removal system

NAUTILUS CONCEPT

GOLDFINDER
SERIES

The XK GOLDFINDER model is a top-tier DPV designed for technical and professional divers, ideal for long-range and cave explorations. Equipped with a high-capacity Li-ION battery, it delivers up to 360 minutes of runtime at cruising speed and 110 minutes at a top speed of 100 m/min.

With a maximum depth rating of 200 meters, it ensures safe and reliable performance for deep dives. Integration with the Calypso app provides real-time monitoring of the DPV's status, while pairing it with the Eron D-1 dashboard unlocks advanced functionalities such as dive recording, depth tracking, and heading data analysis.

XJ

GOLDFINDER
SERIES

FEATURES

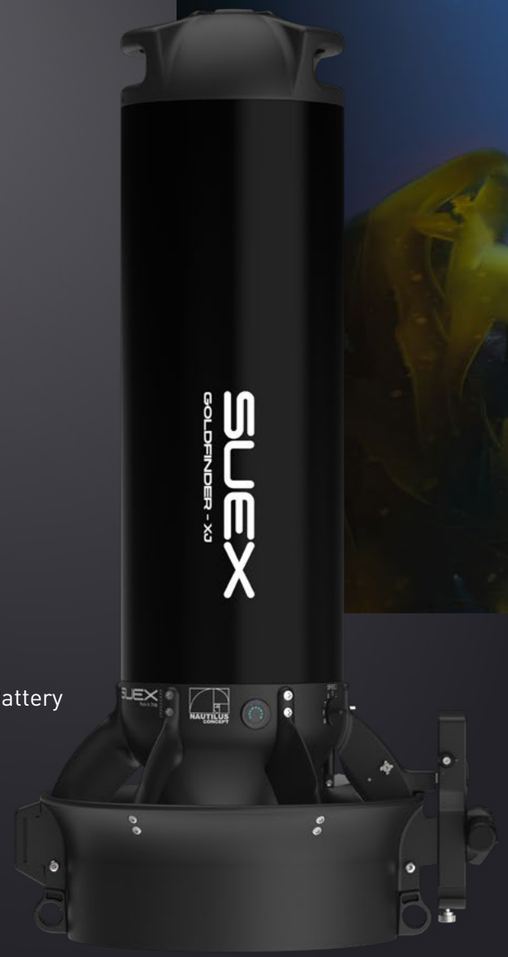
SWITCHABLE TRAVEL BATTERY
travel battery LI-ION pack

DRIVe SYSTEM NAVIGATION

GEMINI FRAME
Compatible

CALYPSO APP
Motor, Acceleration ramp settings and Battery

SUEX PROPLOCK SYSTEM
easy propeller removal system



The XJ GOLDFINDER model combines durability and performance, featuring a high-capacity Li-ION battery that ensures 310 minutes of runtime at cruising speed and 100 minutes at a full speed of 90 m/min.

Its aluminium body and carbon fibre PropLock propeller enable dives up to 200 meters deep, maintaining optimal control throughout. The battery and dive performance can be fully monitored using the Calypso app or the Eron D-1 dashboard, providing real-time insights.

When paired with the Eron D-1 dashboard, the diver gains access to advanced functionalities, including dive recording, depth tracking, and heading data for a comprehensive diving experience.

NAUTILUS
CONCEPT

XJ

VOYAGER

GOLDFINDER
SERIES

FEATURES

TRAVEL BATTERY
travel battery LI-ION pack

DRIVe SYSTEM NAVIGATION

GEMINI FRAME
Compatible

CALYPSO APP
Motor, Acceleration ramp settings and Battery

SUEX PROPLOCK SYSTEM
easy propeller removal system

The XJ VOYAGER combines Goldfinder reliability with true travel-ready portability, using a Li-ION battery of eight 88 Wh modules compliant with UN38.3 / IATA rules for safe cabin transport.

Its aluminium body and carbon-fibre PropLock propeller support dives down to 200 meters, while delivering 235 minutes of runtime at cruising speed and 76 minutes at a full speed of 90 m/min. Performance and battery data can be monitored through the Calypso app or the Eron D-1 dashboard for real-time insights.

Paired with Eron D-1, it offers full dive recording, depth tracking, and heading data for a complete underwater experience.

NAUTILUS
CONCEPT

XJ

VOYAGER

XJ VOYAGER is delivered with a complete travel accessory system designed specifically for air transport, allowing divers to move worldwide with maximum freedom and no compromises.

The dedicated DPV travel case, supplied as standard, is engineered for checked baggage transport as **sporting equipment** and meets airline size and weight requirements.
Built from lightweight, durable, and water-resistant materials, it provides excellent protection against impacts, vibrations, and handling stress.

This professional solution ensures the DPV is safely transported in the aircraft hold, with every detail designed to guarantee reliability, practicality, and peace of mind for frequent travelers.

With XJ VOYAGER, logistics become simple: a purpose-built transport system for truly global diving expeditions.

MODULAR CABIN–SAFE BATTERIES

8 individually removable 88 Wh Li-ION modules stored inside two dedicated carry-on cases, ensuring full UN38.3 / IATA-compliant air travel.

DISCLAMER: Air transport conditions may vary by airline.
Always verify current policies prior to departure.

GOLDFINDER XK-XJ

	GOLDFINDER XJ	GOLDFINDER XJ VOYAGER	GOLDFINDER XK
LENGHT	814 mm (31,1 inch)		975 mm (38,4 inch)
WIDTH	340 mm (13,4 inch)		364 mm (14,33 inch)
HEIGHT	436 mm (17,2 inch)		462 mm (18,2 inch)
BODY DIAMETER	197 mm (7,8 inch)		
WEIGTH WITHOUT BATTERY	14 kg (30,9 lb)		17 kg (37,48 lb)
WEIGTH WITH BATTERY	20 kg (44,1 lb)		25 kg (55,12 lb)
MATERIAL TYPE	Aluminum body		
BUOYANCY / TRIM	Neutral		
IN WATER USAGE TEMPERATURE	-5/+35 °C (°F +23/+95)		
MAXIMUM OPERATIONAL DEPTH	200 mt (656 ft)		
MAX STATIC THRUST	330 N (74,2 lb)		375 N (84,3 lb)
TOP SPEED	90 mt/min (295 ft /min)		100 mt/min (328 ft /min)
RUN TIME AT FULL TRIGGER	100 min	76 min	110 min
RANGE AT FULL TRIGGER	9 km (5,59 mi)	7 km (4,35 mi)	10 km (6,21 mi)
CRUISE SPEED	45 mt/min (147,6 ft /min)		
RUN TIME AT CRUISE SPEED	310 min	235 min	360 min
RANGE AT CRUISE SPEED	14 km (8,70 mi)	10,6 km (6,6 mi)	16,2 km (10,07 mi)
BATTERY TYPE	Li-Ion		
NOMINAL VOLTAGE	25,2 Volt		36 Volt
NOMINAL CAPACITY	940 Wh	711 Wh	1340 Wh
MAXIMUM RECHARGING TIME	8 h		
CHARGER POWER SUPPLY	100/220 Volt - 50/60 Hz		

- Top speed is delivered with fully charged battery
- Diver : 70kg weight, 170cm high - drysuit - double 12 tanks - horizontal trim - Conditions : sea water - no flow/current


SUEX
DRIVE
DIVER REMOTE INFORMATION VIE

ABOUT DRIVe

DRIVe is an integrated system that provides the SUEX diver with detailed information in the pre, during and post dive phases.

The innovative DRIVe system devices provide the user with strategic information for management, safety and fun during their dives.

The SUEX DRIVe navigation system is based on dead reckoning technology, a method that utilizes AHRS (Attitude-Heading-Reference-System) sensors and, through inertial data such as propulsion, speed, and orientation, continuously provides information regarding the position of a DPV (Diver Propulsion Vehicle) during navigation.

This technology makes the system particularly suitable for underwater navigation where satellite signals are absent, and if needed, can be wirelessly provided by the SMB Seika.

The combination of all elements comprising the DRIVe system ensures an extremely accurate and secure navigation experience during the diving phase.

TECHNOLOGY

GPS VS GNSS

DRIVe uses GNSS, a global satellite network, to determine geographic coordinates.
Unlike GPS, which is U.S.-based, GNSS combines multiple systems (e.g., GLONASS, Galileo) for greater accuracy and reliability worldwide.

GPS

GNSS

EMPOWERING PRECISION NAVIGATION

DRIVe ELEMENTS

CALYPSO APP

DPV MOTOR AND BATTERY

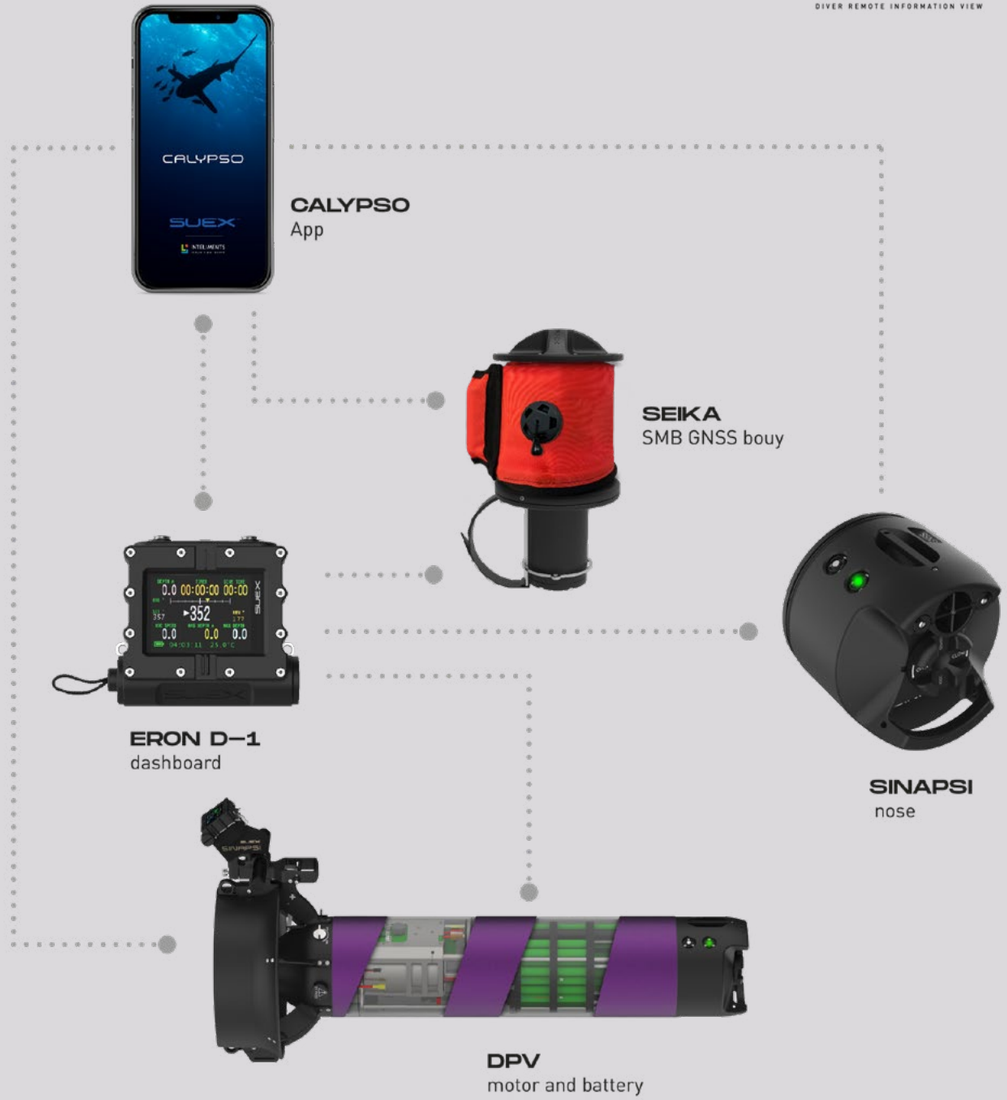
ERON D–1 DASHBOARD

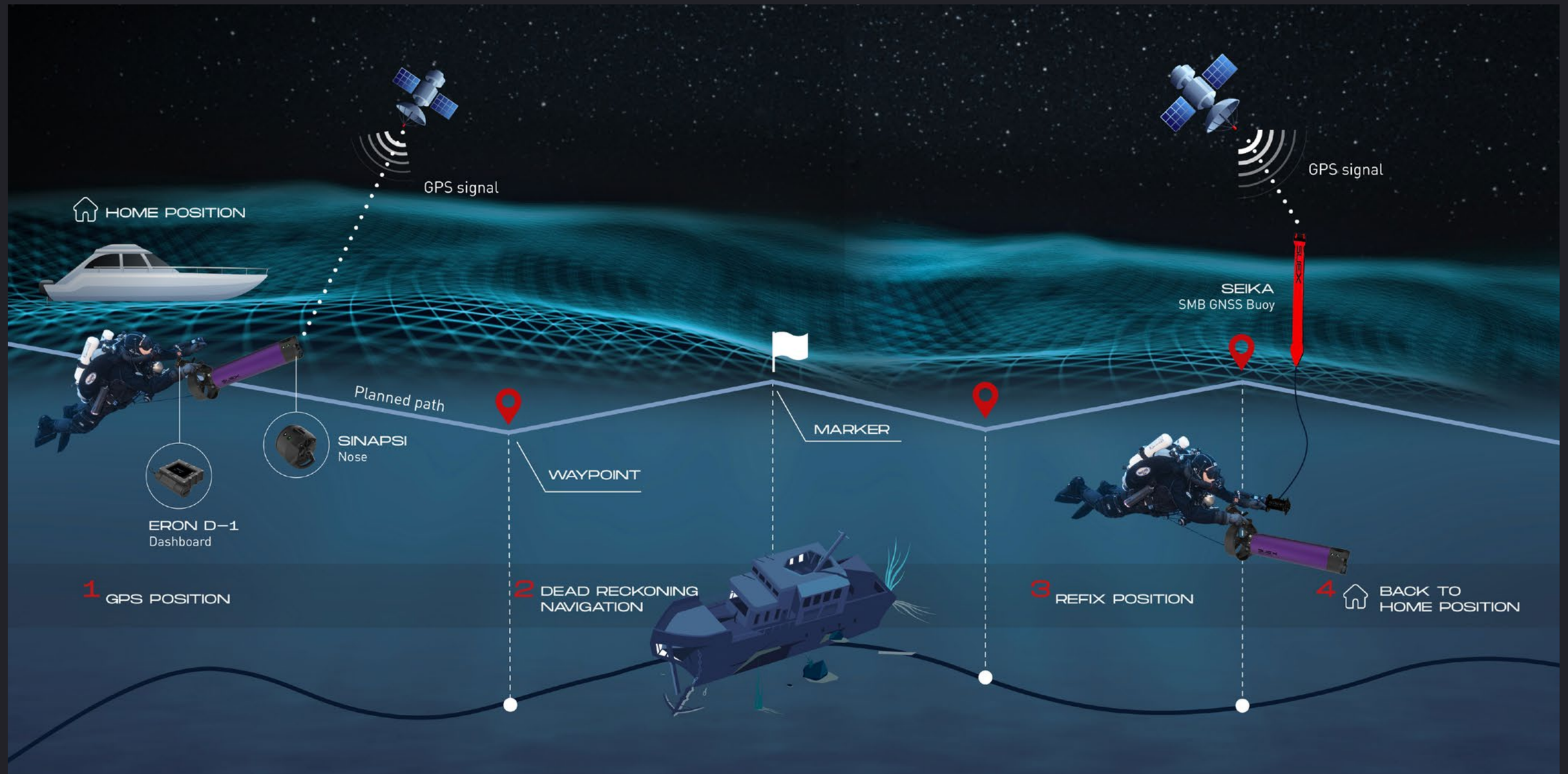
SINAPSI NOSE

SEIKA SMB GNSS BUOY

PRECISION IN MOTION

DRIVE
DIVER REMOTE INFORMATION VIEW




GPS signal
HOME POSITION
GPS signal
SEIKA
SMB GNSS Buoy
Planned path
SINAPSI
Nose
MARKER
WAYPOINT
ERON D-1
Dashboard
1 GPS POSITION
2 DEAD RECKONING NAVIGATION
3 REFIX POSITION
4 BACK TO HOME POSITION

DIVE PHASES

1 BEFORE

Plan a path between waypoints using the Calypso App with your devices.

Geolocate the DPV first to begin the dive.

Plan a “return” home navigation path via GNSS system.

Check the health status of the battery and its charge level.

2 DURING

FREE NAVIGATION: ERON records the entire path and stores the track.

DEAD RECKONING: navigation when paired with the Sinapsi Nose.

ADD MARKERS: functions to save position markers during the dive.

NAV TO HOME POSITION: you can always call a Home Position and navigate following the indications of the Path Screen to return to base.

COMPASS NAVIGATION: navigate to the target following the predetermined route through the arrows that appear to the left and right of the path.

GNSS REFIX: you can reset the errors that accumulate during the estimated navigation using SEIKA buoy.

General information on the li-ion battery status during navigation including the state-of-charge (SOC) and residual runtime in minutes based on current draw.

3 AFTER

Download the dive data (dive time, depth, temperature, DPV li-ion battery status) to the smartphone App and/or PC.

Review a detailed dive log which also includes battery use synchronized with dive time.

Using the Calypso or PC application, view the geo-localized path covered underwater that can be exported in Csv and Kml formats.

Create a database of all dive logs including geolocated navigation data.

Recreate new paths using the saved navigation routes and/or recorded markers.

ERON D-1 DASHBOARD

ERON D-1 dashboard is a complete underwater, diving instrument (current/max depth, bottom timer, dive log) equipped with an advanced, technical underwater navigation system able to receive, via wireless connection, the telemetry data coming from the DPV.

ERON D-1 processes the data and displays for the diver the DPV battery charge level, calculated battery duration and navigation data.

BASE

This is the simplest mode, in which data such as dive time, depth, and heading are recorded.
This mode is available for all SUEX DPV models.

FULL

This mode, available exclusively for the XJ, XK, and GOLDFINDER models, enhances the dashboard's capabilities. In addition to all the functions of the BASIC mode, it provides comprehensive DPV data analysis.

EXTENDED

This mode is exclusive to DPV models equipped with the SINAPSI nose. It includes all the features of the FULL mode, with the added benefit of comprehensive navigation data.

PRO

This mode, compatible with any DPV, enables direct communication with SEIKA, allowing for position recalibration and precise navigation using the compass.

SINAPSI

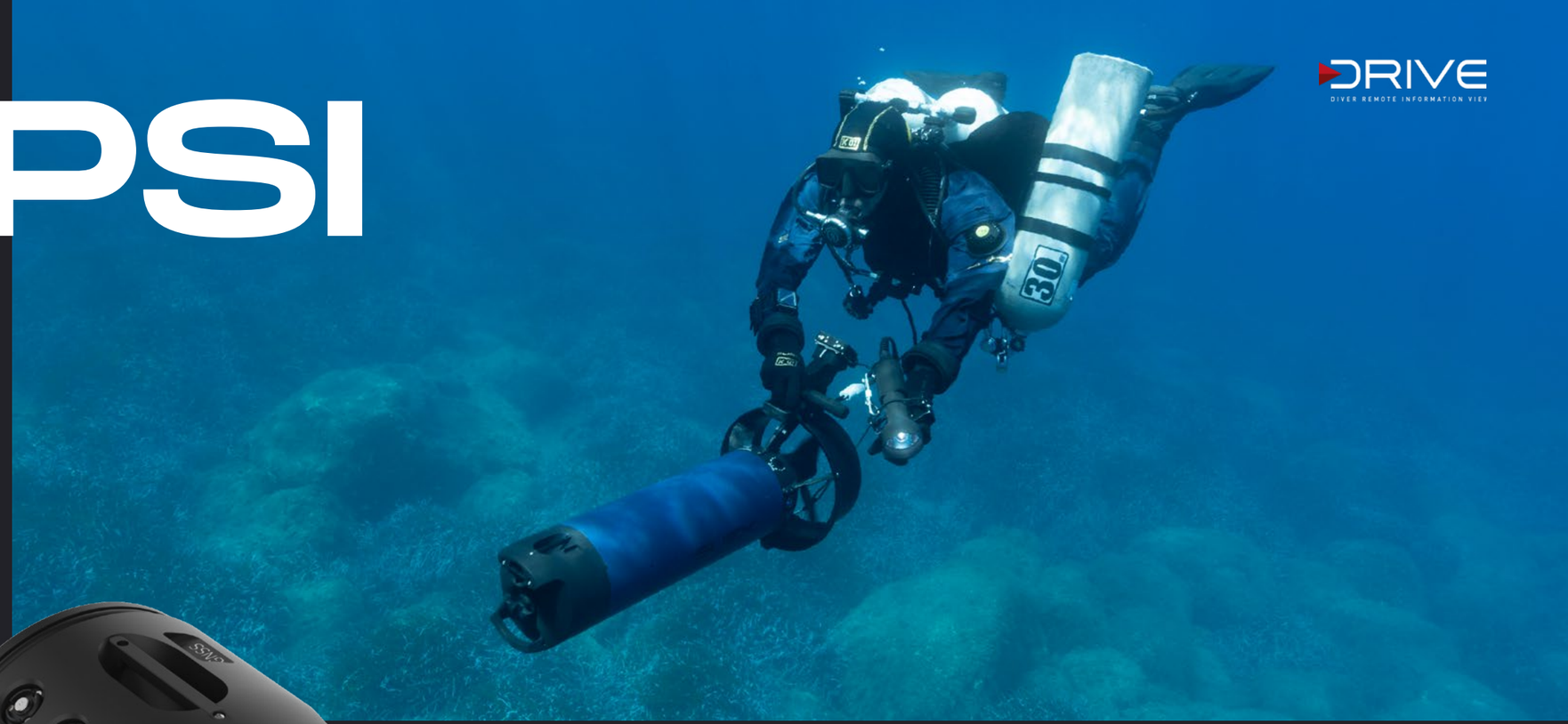
NOSE

SINAPSI is an optional, navigation nosecone for the SUEX DPV that replaces the standard nosecone.

SINAPSI is equipped with sophisticated electronics to receive and process underwater navigation data acquired while operating the DPV.

The SINAPSI project is a result of many years of increasingly sophisticated research, including numerous tests and trials to optimize the system using the most exciting and current electronic technology.

SINAPSI is available for the XJ, XK and GOLDFINDER models.
The integrated speed sensor propeller allows for capturing and calculating the speed and consequently the distance traveled to the destination or from the home position.



DRIVE
DIVER REMOTE INFORMATION VIEW

DRIVe FEATURES

- Path planning via smartphone, tablet and pc application
- GNSS positioning - home position
- Dead reckoning
- Compass navigation and reverse path
- Nav filter
- Heading quality index
- Compass calibration
- Quality of the compass calibration
- Calibration of the odometer
- Precise course angle in all positions
- The suex dpv motor does not affect the heading
- Distance and speed measurement
- Receiving data
- Wireless system
- iOS, Android and pc app
- Battery

SEIKA

SMB GNSS BUOY

Designed to significantly enhance underwater diver navigation, SEIKA uses an embedded GNSS (Global Navigation Satellite System) receiver within an SMB (Surface Marker Buoy) to capture precise diver position and communicate that position to the SUEX ERON D-1 dashboard.

The GNSS receiver accepts valid satellite positioning signals from global, commercial networks including GPS, GLONASS and GALILEO.

The diver simply deploys the GNSS-SMB receiver from depth, the satellite position is captured on the surface, the position is relayed to the diver's ERON D-1 dashboard, the diver's position is updated and the diver continues on the updated path to the next waypoint.

SEIKA can be deployed multiple times during a dive mission while also functioning as an SMB with a maximum length 12m cable.

DRIVE
DIVER REMOTE INFORMATION VIEW

Wireless transmission data to ERON D-1 dashboard

GNSS reciver

SMB design

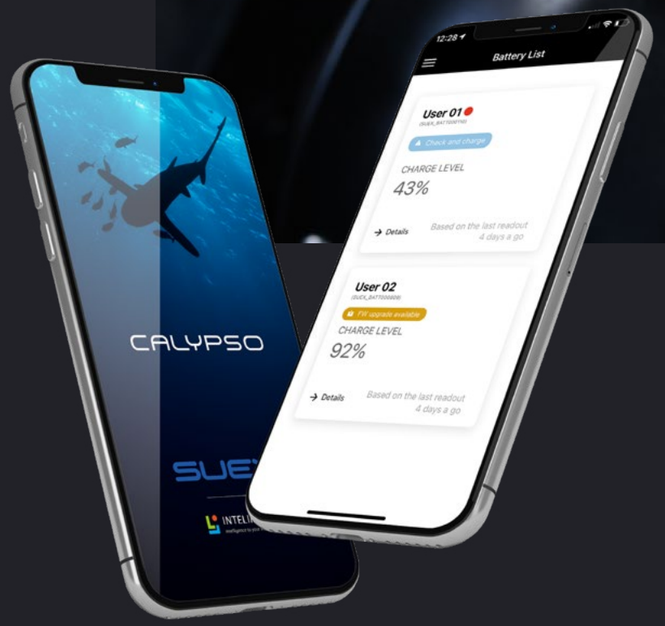
Refix absolute position

CALYPSO

APP

CALYPSO, available for Android and iOS devices, improves the navigation experience and provides the diver with useful information on the DPV by recording essential data before and after the dive.

Compatible with the entire SUEX DPVs line, the CALYPSO app also interacts wirelessly with the ERON D-1 dashboard.



Download on the App Store

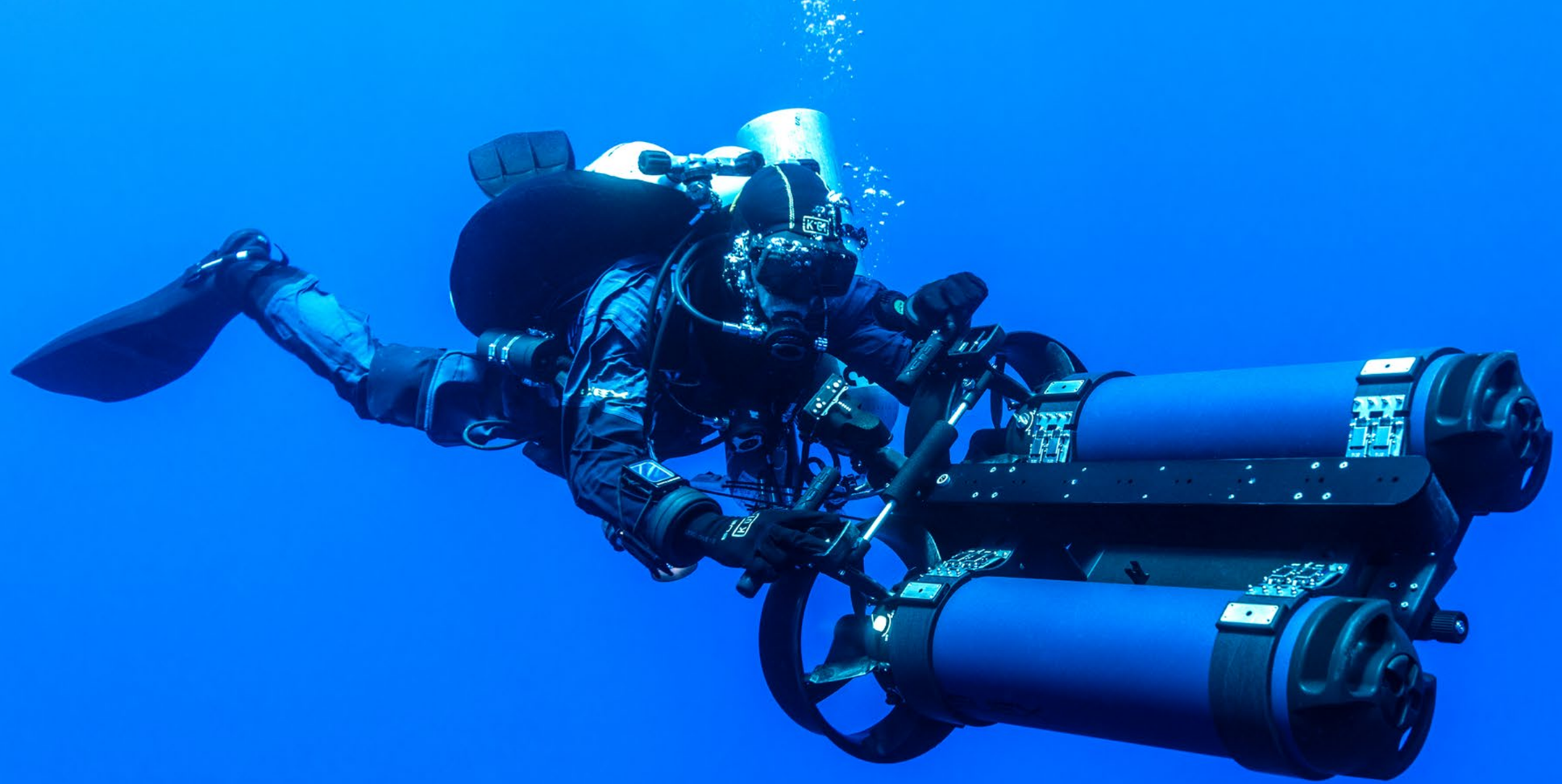
GET IT ON Google Play

Connect and manage your devices

Plan a waypoint navigation

Dowload and share your dives

Review your path and selected markers

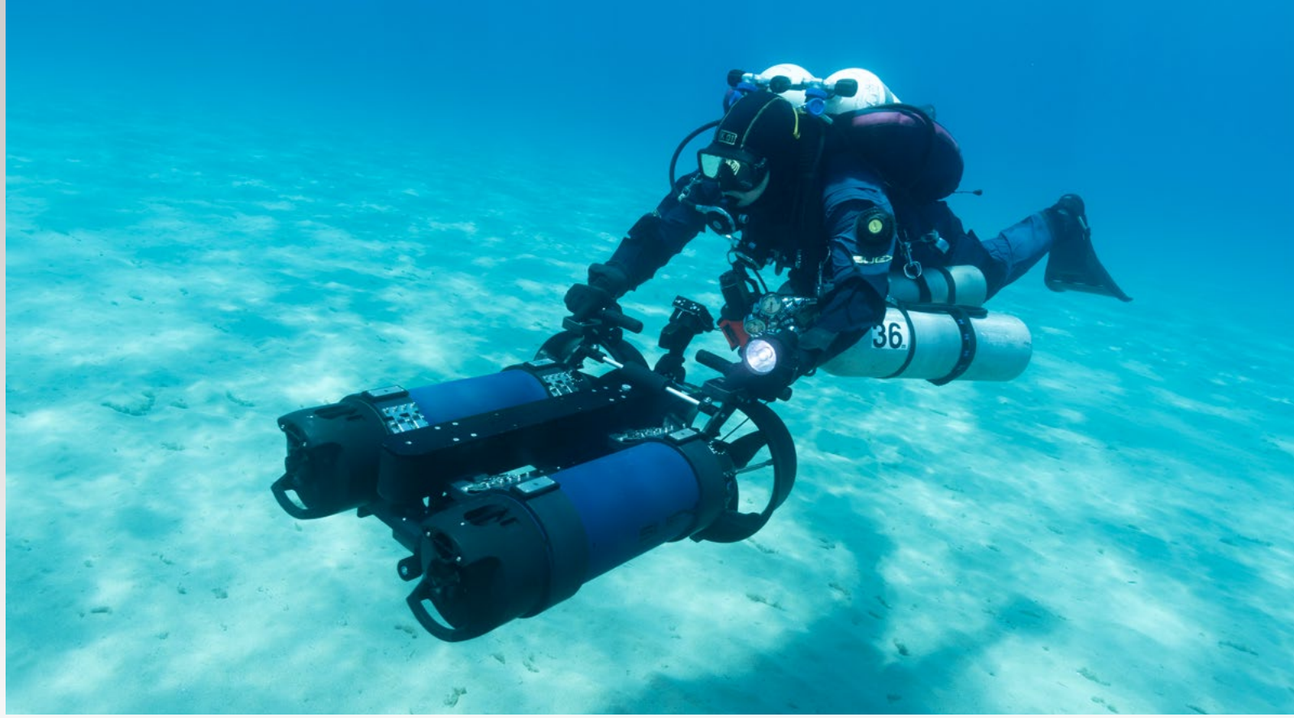


GEMINI

FRAME

GEMINI

FRAME



Two frame models designed for

XK & XJ GOLDFINDER

Gemini is the new technological frame that ensures stability during underwater use and can be mounted on the standard SUEX rail. It allows coupling two DPVs Goldfinder XK or XJ.
The coupled system delivers doubled thrust and increased redundancy, ensuring maximum reliability during demanding underwater operations.
Derived from offshore operations, this solution is widely appreciated for its unique features and exceptional durability in harsh environments.
Its design clearly outperforms existing competitors in terms of build quality and overall performance.
This platform provides outstanding payload support for professional equipment such as high-end cameras, advanced lighting systems, and any other devices requiring exceptional performance.

TARGET: Advanced tech divers and professionals.

DISCOVER THE EXTENDED WARRANTY PROGRAM

5 FOR YOU
EXTENDED WARRANTY PROGRAM

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