

Transforming Underwater Capabilities at Scale

WHO WE ARE

BeeX is a deep-tech robotics company that designs, manufactures, and operates Hovering Autonomous Underwater Vehicles (HAUVs) for inspections of underwater infrastructural conditions primarily needed by defense, maritime, and energy sectors.

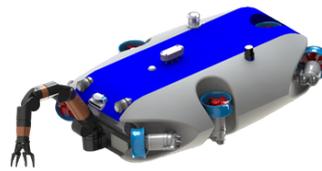
Our mission is simple. With our HAUVs, we aim to provide critical data with minimal operational risks and maximize cost-to-productivity ratios. BeeX pushes the frontier for underwater inspections, with a goal to improve productivity and data quality with every deployment.



A.IKANBILIS

Inspection HAUV

90 x 81 x 42.0 cm, 60-70KG
Fights currents up to 1.5 knots
1KWh batteries, 2-8hrs run-time
Recharge with batt swap in 5 mins



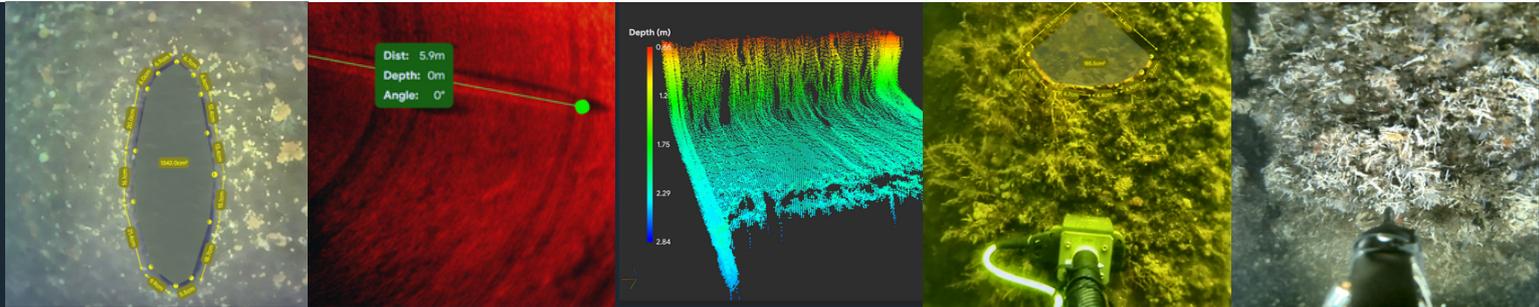
BETTA

Intervention HAUV

140 x 135 x 45cm, 250-300KG
Fights currents up to >2 knots
10KWh batteries, 8-24hrs run-time

**Images are not to scale.*

GET THESE DATASETS, WITH 1 SINGLE DIVE



HD - 4K Cameras

Measure size of visual data from multiple viewpoints

Forward Looking Sonar Mosaic

Measure size of objects on seabed with bird's eye view

3D Survey (MBES)

Survey structures and seabed, with UHD resolution (cm)

Pulse-Eddy Current (PEC)

Thickness readings of steel structures, even past Marine Growth

Cathodic Protection (CP)

Measure corrosion resistance (contact and/or proximity field)

SAMBAL DATA PORTAL

Make timely decisions about anomalies detected, with near-real time reporting via our integrated cloud portal. Our optimised data files enable rapid and intelligent data transfer to shore, even with low-bandwidth 4G / Wifi.

Sambal enables data from different sensors across repeated HAUV surveys to be easily compared and measured. We are also building AI tools to help provide faster insights. These are exportable to PDF and Excel for sharing.

WHY BEEEX

>30% Cost Savings: Our methodologies leverage on-site vessels and infrastructure, instead of requiring specialised support vessels. Our operations can be handled by 2 offshore technicians.

Consistent Outcomes and Progressively Improving:

The autonomy in our HAUVs enables reliable and predictable productivity, unaffected by the variable competence of human piloting. Stable data is acquired with automated-autonomous flights. Progressively untethered, our HAUVs can achieve even higher productivity previously not possible.

OUR EXPERTISE IS TRUSTED BY



CONTACT US AT HELLO@BEEEX.SG NOW