

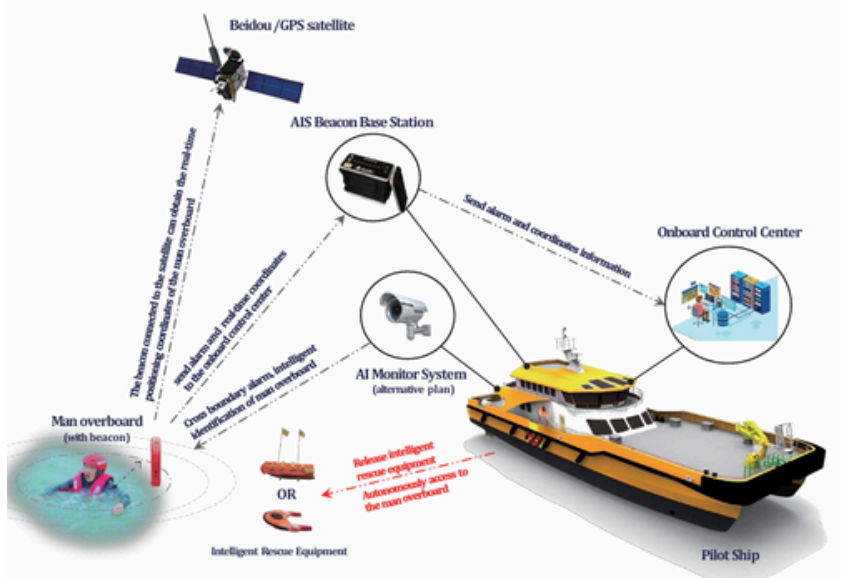
No More Sacrifice In The Rescue

THE ROBOTS AND SYSTEMS ARE DESIGNED TO PROVIDE EFFECTIVE SUPPORT FOR THE CLOSE-RANGE WATER RESCUE SCENARIOS, OVERCOMING RISKS ASSOCIATED TO RESCUER ENTERING THE WATER AND IMPROVING PRECISION IN LIFEBOUY DEPLOYMENT.

Main Products

Maritime Intelligent Rescue System

Type: MIRS-1



The intelligent rescue system mainly includes:

- Real-time positioning beacon
- Base station
- GPS/ Beidou positioning alarm
- Monitoring camera
- Intelligent rescue equipment
- Stroboscope positioning light
- Intelligent control platform
- Special communication system and photoelectric monitoring system (early warning when personnel crossed the Pilot ship border)

The Smart Lifebuoy is used to replace the deployment of rescuer, solve the defects of the existing lifebuoy such as:

- Throwing inaccurate
- Short throwing distance
- Carry out fast
- Accurate remote-control rescue

for the drowning person in the first time to avoid the secondary injuries to the rescuer.

Smart Lifebuoy

Type: CSR-1



Professional customized mounting equipments



Image Transmission System



GoPro Camera



Wall mounted bracket



Bracket with wireless charging



Shoulder lashing tap

Product Details

Smart Lifebuoy

Benchmarking Features

- Easy to be identified with appearance of eye-catching painting, equipped with high penetration signal lights.
- Light and reliable, can be carried by one person, 30 meters throwing height.
- Strong expansion, up to the needs of a variety of modules.
- Artificial intelligence, automatic startup on immersion, self-righting, one-key return, dynamic positioning.
- High buoyancy, can carry 2 people under extreme conditions.
- No exposed blades, prevent secondary damage and entanglement.
- Easy to be operated, a brief training would be needed.
- Fast approaching speed, equipped with self-developed high-efficiency jet pump.

Dimension	990*775*227mm
Weight	15.4kg
Speed(Empty Load)	5.0m/s*
Manned Speed	2.0m/s*
Endurance	60min/5.0km (Based on speed level 1)
Remote control distance	500m @sea level; 800m @10m above sea level
Waterproof Rating	IPXS
Propeller Power	4kw(2kw*2)
Battery	Lithium Ion
Connectivity	2.4G Lora
Motor Type	Brushless
Positioning Mode	GPS & BDS

Maritime Intelligent Rescue System

Advantages

- Automatic alarm (MOB)
- Locate the drowning person in real time
- Fully autonomous rescue, requiring no manual search or operation.
- Integration of early warning and rescue, forming a closed-loop process.
- Not interferred by weather conditions such as heavy fog or torrential rain.
- 24-hour protection.

Parameters

- Overboard alarm time: 2s
- System positioning accuracy: 1m(CAP50)
- System monitoring range: 1 n miles
- Position update frequency: 5s
- Empty load speed: 5m/s
- Work sea conditions: Sea State 3

Intelligent Rescue System Accessories



The **CSRWXA01 MOB Locator Beacon** can promptly send alerts and coordinates when it was immersed into water, utilizing a built-in antenna design for rapid and stable positioning. It features automatic startup upon immersion, multiple communication modes, and good portability, making it suitable for various life jackets and drone mounting.

Storage Box

Fixed Type



Fixed Type of Storage Box is our new equipment used to store the U-shaped lifebuoy safely, meanwhile the big solar panel at the top of it can keep charging the lifebuoy constantly.

Automatic Release Type



Automatic Release type of Storage Box is to be used with our intelligent rescue system, which can release the U-shaped lifebuoy automatically once it receives the signal from the onboard control terminal.



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