

M75 HIGH SPEED SECURITY & SURVEILLANCE USV



Application Case



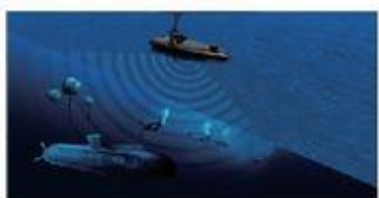
Water Patrol



Criminal Investigation & Evidence Obtainment



Pursue & Intercept



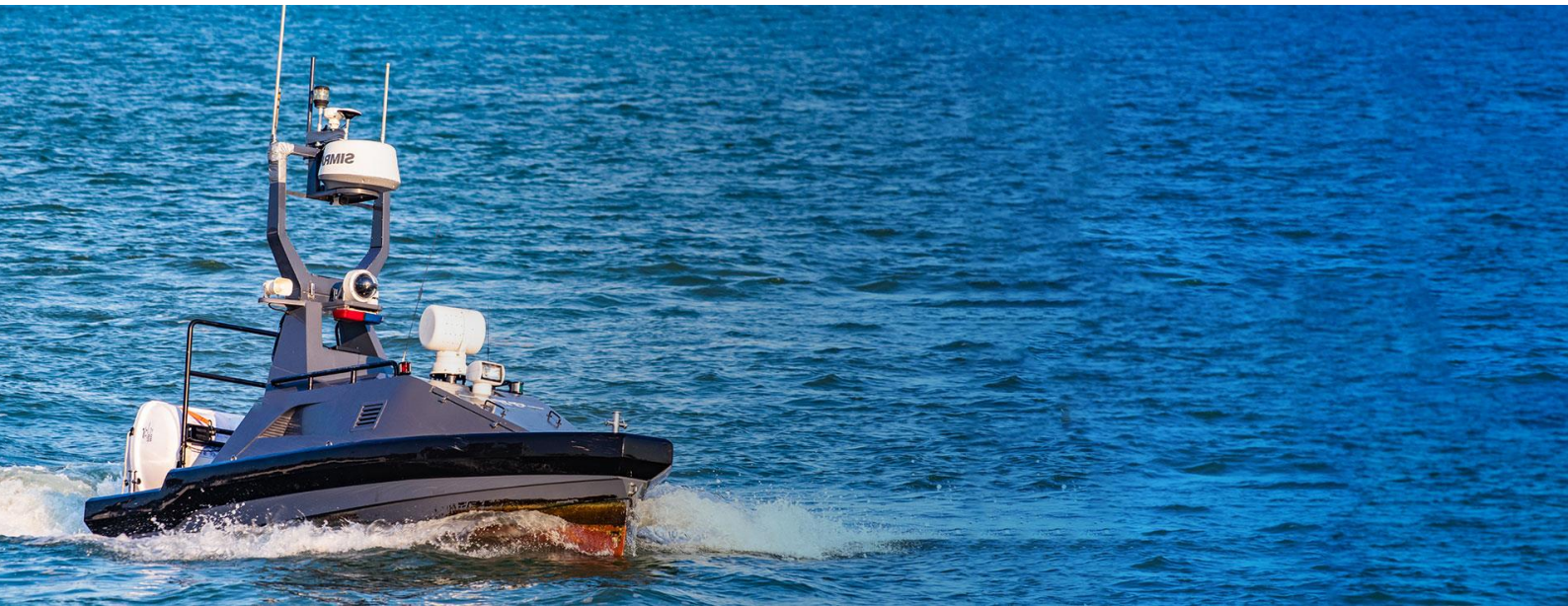
Security & Defense



Search & Rescue



Cooperate with Police



Dedicated for Surveillance and Rescue

Integrated with comprehensive searching, data, communication and rescue modules, m75 is an ideal smart vessel for maritime surveillance and rescue.



Search Module



Information



Help Module



Outstanding Performance at Night

The photoelectric pod enables M75 to search at night and take high resolution photos for evidence.



Ultra Long Communication Distance

Using LTE communication, M75 can communicate with the base station within 15km and send back videos and data in real-time.



Smart rescue equipment

M75 can be deployed with rescue equipment like ejectable life-raft, remote controlled life lifebuoy to conduct rescuing missions in different water environment.



Fleet Operation

M75 can autonomously team up to conduct massive-scale search & rescue missions to locate victims .



Quick emergency response

M75 runs on a high-speed water jet propeller that can reach a maximum speed of 30 knots, enabling it to respond to emergencies promptly.



Multi-screen control base station

The multi-screen control base station can be deployed in a shore-based command center, on a mothership, or in a moving vehicle, depending on the scenario.



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Specification

USV Parameters

Dimension	(L)5.3 m*(W) 1.72 m*(H)2.85 m
Weight	1350 kg
Payload	50 kg
Draft	0.42 m
Propulsion	Water-jet Thruster
Communication Range	15 km
Max. Speed	26 kn (13.4 m/s)
Battery Life	> 120 nm
Survival Sea State	SS-4

Survival Equipment Parameters

Crew Capacity	6 Persons
Package Dimension	0.46 m * 0.8 m
Weight	About 35 kg
Life Raft Dimension	1.82*1.82*1.2 m
Items in Life Raft	Freshwater, food, medicine etc