

SEN TIQ

SQ 24

LONG RANGE
HIGH PAYLOAD
USV

Reach Further. Carry More

SQ24 is a long-range, high-speed USV designed for ISR, maritime security, anti-submarine warfare and force protection. Available in mono-hull and twin-hull configurations, it combines speeds up to 50 knots with substantial payload capacity and a range of up to 3,000 nautical miles. A central moonpool, open mission deck and modular architecture support rapid integration of subsurface sensors, EW systems and uncrewed aerial vehicles.

EXTENDED REACH

Project autonomous maritime capability over ranges up to 3,000 nautical miles without committing a crewed vessel and her crew.

MISSION CAPACITY

Integrate large sensor, electronic warfare, subsurface and aerial payloads using an open deck and central moonpool.

FORCE READY

Operate alongside crewed and uncrewed assets through resilient communications, networked autonomy and existing command systems.





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SQ24 SPECIFICATIONS

Physical / Performance	Monohull	Twin Hull
Length / Beam	7300 mm x 2200 mm	3000 mm x 1700 mm
Height	1000 mm (exc. mast)	1600 mm (exc. mast)
Draft	600 mm	1100 mm
Weight	2000 kg	3000 kg
Propulsion	1x Volvo Penta Z-Drive	2 x Volvo Penta Z-Drive
Burst speed	50 kts (90 kph)	50 knots (90 kph)
Range	3000 nm	900 nm
Range at cruise speed (20 knots)	1000 nm	900 nm
Fuel tanks	4	4

Payload / Perception

Capacity	2000 kg	500 kg
Camera options	FLIR M364, M400, M500; Safran VIGY Observer HD	

Navigation

INS, GNSS, Radar, LIDAR, Camera	Yes	Yes
Optional	SBG Ekinox D, Trimbal GNSS (for GNSS denied environments)	

Communications

4G	Dual Sim 4G
Interoperability	IP-MeshRadio DTC NetNode (50km+ range) Fleet communication
SatCom options	Starlink, Iridium

Additional Features

SAR Equipment	Multiple grab handles and onboard buoyancy aids	
COLREGs compliant	Yes	
Manual helm position	Yes	Yes

MISSION ADVANTAGES

Extended Domain Dominance

SQ24 extends surveillance, security and mission effects beyond the practical reach of smaller uncrewed platforms. High speed, long range and substantial payload capacity allow naval forces to establish persistent presence across wide operating areas without increasing exposure of personnel or committing a dedicated crewed vessel.

Configure for Effect

The monohull and twin-hull configurations support different balances of range, payload and operating profile. A central moonpool enables deployment and recovery of subsurface sensors, while the open deck can accommodate electronic warfare systems, specialist mission modules and uncrewed aerial vehicles.

Distributed Operations

SQ24 is designed to operate within distributed maritime operations rather than as a standalone asset. Resilient communications, network-aware autonomy and compatibility with existing command-and-control infrastructure support cooperative sensing, task allocation and coordinated operations across crewed and uncrewed forces.

Command your space

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