



ATTRIBUTABLE
& SURVEILLANCE-
MICRO-CLASS
USV

Real-time Situational Awareness

SQ03 is an ultra-compact, affordable mass USV delivering immediate situational awareness in complex maritime environments. Small enough to be carried in a backpack and deployed without assembly, it combines high-speed electric drive, live video and intuitive control for ISR and force protection missions. An optional effector payload extends the platform from covert observation to intervention while preserving a minimal logistics footprint.

BACKPACK DEPLOYABLE

Carry and deploy SQ03 as a complete, ready-to-run capability with no assembly and minimal support kit.

COVERT AWARENESS

Gain live visual intelligence from stand-off range using a low-profile platform with quiet propulsion and optional night vision.

SCALEABLE EFFECT

Operate solo or in a coordinated wolf pack with an optional effector payload to match the mission and threat.





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SQ03 SPECIFICATIONS

Physical / Performance

Length	1000 mm
Width	200 mm
Height	200 mm (300 mm with camera mounted)
Weight in air	10 kg
Propulsion	Waterjet or propellor
Thrust	2 kg
Burst speed	20 knots
Endurance	5 miles

Payload

Capacity	2.5 l / 3 kg in forward compartment
Sensors	Camera, optional night vision
Camera options	Flir M364, M400, M500, Safran Vigy Observer HD

Navigation

Type	GPS & IMU
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Communications & Control

Type	DTC MiMo radio; optional fibre-optic cable\
User interface	Ruggedised hand-held controller with display

Electrical

Battery type	Lithium Polymer
Capacity	150 Wh
Charging time	2.5 hours

Software Capabilities

Modes	Manual and semi-autonomous
Return to home	No
Line planning	Yes

MISSION ADVANTAGES

Immediate Maritime Awareness

SQ03 gives special forces teams an expeditionary-maritime ISR capability that can be carried, launched and operated without external infrastructure. Live video from a wide-angle camera supports discreet target identification, route reconnaissance and threat monitoring from stand-off range, allowing operators to build situational awareness before exposing personnel or higher-value assets.

Built for Rapid Action

A ready-to-run design eliminates assembly at the point of insertion. Silent electric propulsion, high-speed transit and a ruggedised hand-held controller enable rapid deployment in ports, waterways and of the beach. Manual and semi-autonomous navigation simplify operation while automated fail-safes support safe mission execution.

Scale the Response

SQ03 can operate alone or in coordinated small groups to widen surveillance coverage and overwhelm an adversary's response. The optional effector configuration adds a compact intervention capability, allowing commanders to tailor the platform to reconnaissance, force protection or attributable strike missions.

Command your space

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