OPENWORKS

SKYWALL300

AUTOMATIC DRONE CAPTURE SYSTEM

KEY FEATURES:

- Physical Drone Capture - no electronic countermeasure, predictable outcome
- Proportionate Response
- Long Range Net Capture
- Can be integrated for full autonomy
- Very low collateral damage risk

SkyWall300 is an automatic system that can physically capture a drone in a specifically designed ‘drone entangling’ net. It uses compressed air to launch a projectile up to the target drone after the system has automatically identified and tracked it.

SkyWall300 can be used as a standalone drone capture system but can be integrated with a drone detection and security system to offer a highly capable and easy to operate counter drone solution.

A single SkyWall300 system can protect a small area and multiple systems can be networked and deployed to protect a large site.

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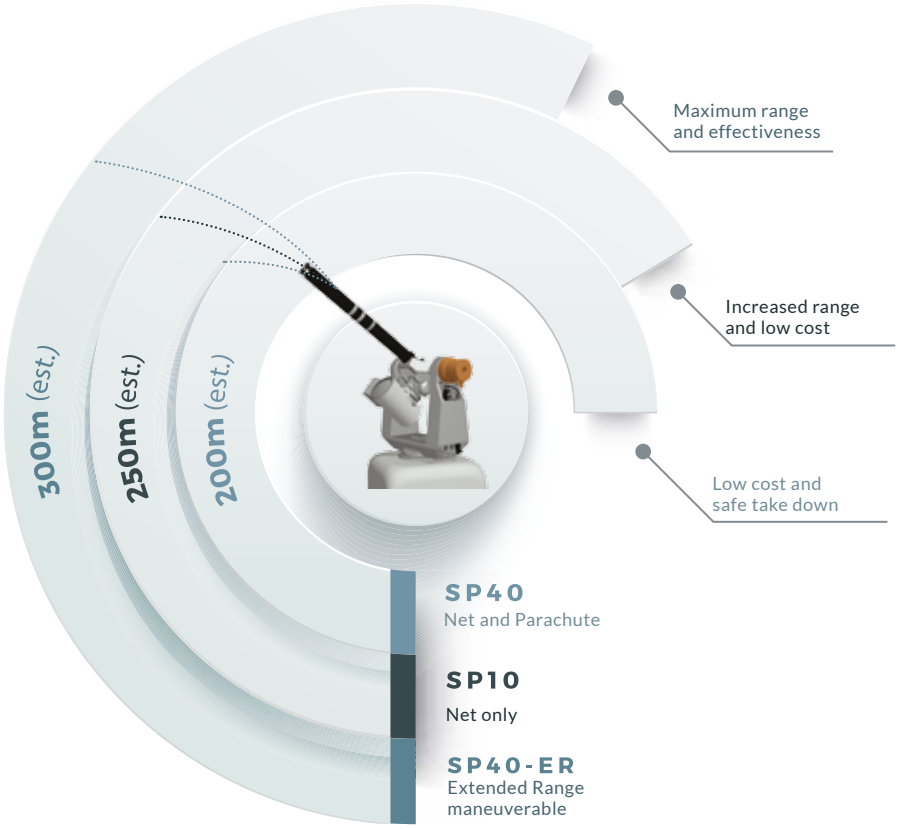

The SkyWall300 launcher can be used with a range of SkyWall projectiles.

The onboard targeting enables the system to have a high capture rate by adjusting the launcher aim based on the movement of the target and programming the projectile prior to launch.

A computer vision tracking module allows the system to automatically follow targets, minimising the operator skill level required.

PERFORMANCE

Weight	175kg (example weight. Actual weight dependant on istallation specifics)
Size	1.1m x 0.5m x 1.1m
Power	24V 4500psi High Pressure Air (stored in a quickly replaceable tank or integrated high pressure compressor)
Operation	Single Operator
Mounting	Vehicle or building mount options available
Fire Rate	4-10s (with optional auto-reload system)
Environmental	-5°C to +50°C Operating Temperature -20°C to +71°C Storage Temperature IP54 Rated

EXAMPLE PERFORMANCE WITH AN SP10 PROJECTILE

Minimum Range	10m
Maximum Range	250m Horizontal (est.) 250m Vertical (est.)
Maximum Target Speed	50m/s (est.)
UAS Target Capture Method	Net capture using an 8m2 high tensile net

COMPATIBLE PROJECTILES

TRAINING

NET ONLY

NET AND PARACHUTE

NET AND PARACHUTE
EXTENDED RANGE