



OPENWORKS



SKYWALL100

HANDHELD DRONE CAPTURE SYSTEM

KEY FEATURES:

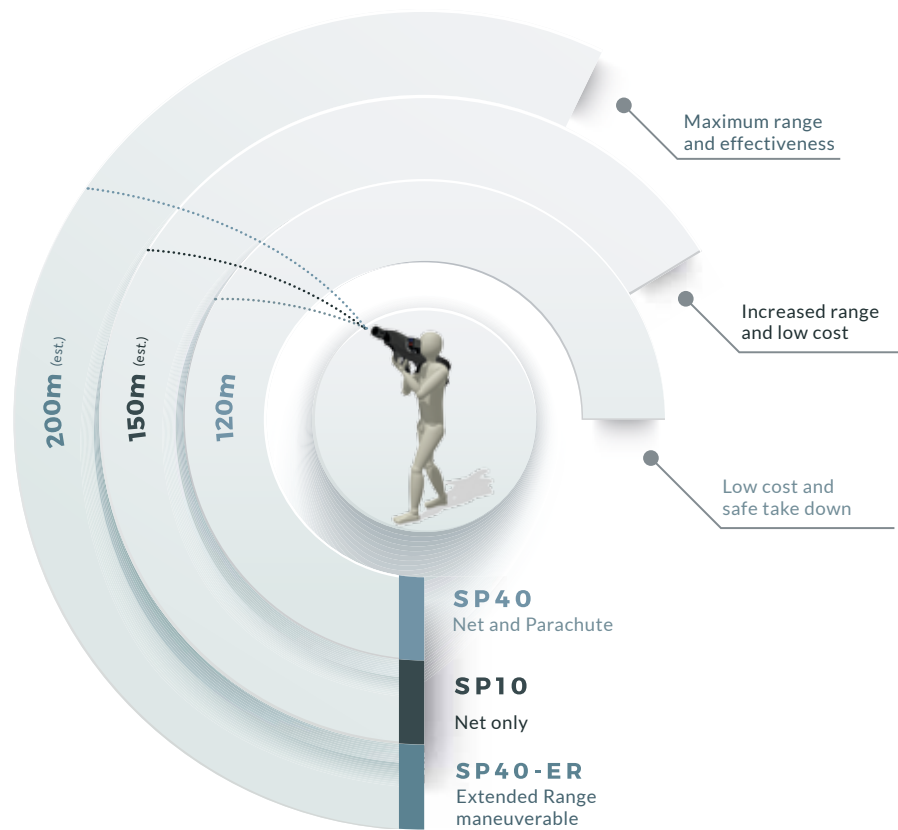
- Physical Drone Capture - no electronic countermeasure, predictable outcome
- Proportionate Response
- Handheld – highly portable
- Very low collateral damage risk

SkyWall100 is a handheld system that gives a mobile operator the ability to physically capture a drone in a specifically designed 'drone entangling' net. It uses compressed air to launch a projectile up to the drone after the operator has targeted it using the onboard SmartScope.

SkyWall100 can be used as a standalone drone defence system but can also be integrated with a wider security system, using the skylink module, to offer a highly capable counter drone package.

A single SkyWall100 system can protect an area or multiple systems can be deployed from mobile units to protect a large site.

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The SkyWall100 system has a number of built in safety features that ensure it can only be operated when all safety critical elements are functioning correctly. The launcher has a continuous monitoring system to give further protection.

The SkyWall100 launcher can be used with a range of SkyWall projectiles.

The onboard SmartScope helps capture moving targets by locking on to the drone and adjusting the operators aim before programming the projectile prior to launch.

PERFORMANCE	
Weight	12kg
Size	1.30 x 0.31 x 0.28m 1.45 x 0.52 x 0.41m (inside transport case)
Power	15V Li-Ion Battery 4500psi High Pressure Air (stored in a quickly replaceable tank)
Operation	Single Operator Single Shot System
Portability	Man-portable
Reload Time	8s
Environmental	-5°C to +50°C Operating Temperature -20°C to +71°C Storage Temperature (see operation and support manual for storage preparation requirements) IP54 Rated
EXAMPLE PERFORMANCE WITH AN SP40 PROJECTILE	
Minimum Range	10m
Maximum Range	120m Horizontal 90m Vertical
Maximum Target Speed	15m/s approaching the operator 12.5m/s crossing the operator
UAS Target Capture Method	Net capture using an 8m2 high tensile net
Parachute	The SP40 contains a 1.8m2 parachute



COMPATIBLE PROJECTILES
 TRAINING
 NET ONLY
 NET AND PARACHUTE
 NET AND PARACHUTE EXTENDED RANGE