



OPENWORKS



# SKYWALL100

## HANDHELD DRONE CAPTURE SYSTEM

### KEY FEATURES:

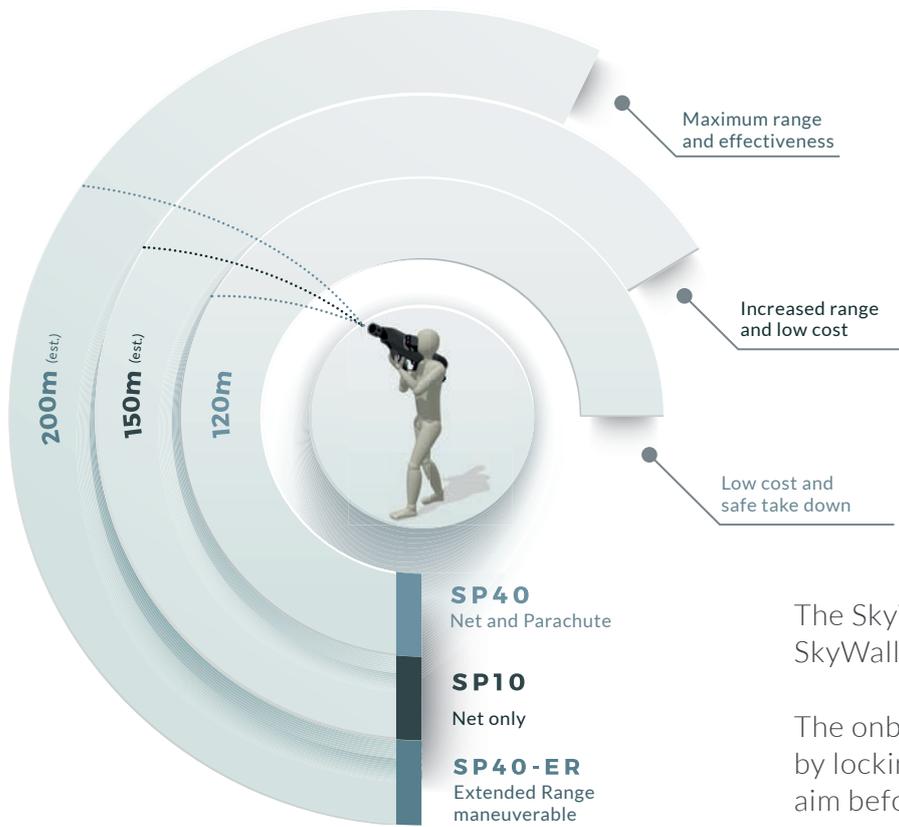
- Physical Drone Capture - no electronic countermeasure, predictable outcome
- Proportionate Response
- Handheld – highly portable
- Very low collateral damage risk

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 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 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 operator/owner manual for storage preparation requirements) IP54 Rated

**EXAMPLE PERFORMANCE WITH AN SP40 PROJECTILE**

Minimum Range	10m
Maximum Range	120m Horizontal 80m 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

**DIMENSIONS**



**COMPATIBLE PROJECTILES**

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TRAINING
- 

NET ONLY
- 

NET AND PARACUTE
- 

NET AND PARACUTE  
EXTENDED RANGE