

Drone-capture net system

for capturing and retrieving small drones

The drone-capture net system for small drones is designed to capture and retrieve the UAV to the point of destination. The capture is executed with a 6,000x6,000 mm net shot towards the drone from the UAV carrier.

Nabbing a drone out of the sky offers a few advantages over attempting to jam it or blowing it up:

- You avoid bringing laser-riddled drones crashing down on urban crowds.
- You don't foul up cellular communications networks.
- You get more out of forensic analysis, which can show who launched the drone and from where.



Applications:

The drone-capture net system is ideal for securing:

- Airports
- Prisons
- Military bases
- Government buildings

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OPERATION SPECIFICATIONS

Minimum altitude of use	65,6 ft (20 m)
Wind strength	16,4 ft/sec (5 m/s)
Operation temperature	from -4 °F to + 104 °F (from -20 °C to +40 °C)
UAV carrier speed at the time of system application	not more than 49,2 ft (15 m/s)
UAV carrier vertical descent speed at the time of system application	not more than 6,5 ft/sec (2 m/s)
Maximum weight of an intercepted UAV	11 lb (5 kg)

SPECIFICATIONS

Weight	1,68 lb (765 g)
Body dimensions (width, height)	5,2 in x 6,75 in (132,4 mm x 171,5 mm)
Net size	19,7 ft x 19,7 ft (6 m x 6 m)
Mesh size	0,65 ft x 0,65 ft (0,2 m x 0,2 m)
Net firing distance	up to 49,2 ft (15 m)
Parameters of the pyrocartridge	
Actuating current	not less than 500 mA
Actuating voltage	not less than 5 V

The perfect operation of the drone-capture system is not guaranteed in rainy conditions and relative humidity of over 80%.