Bullet Night Anti-Shahed Swarm
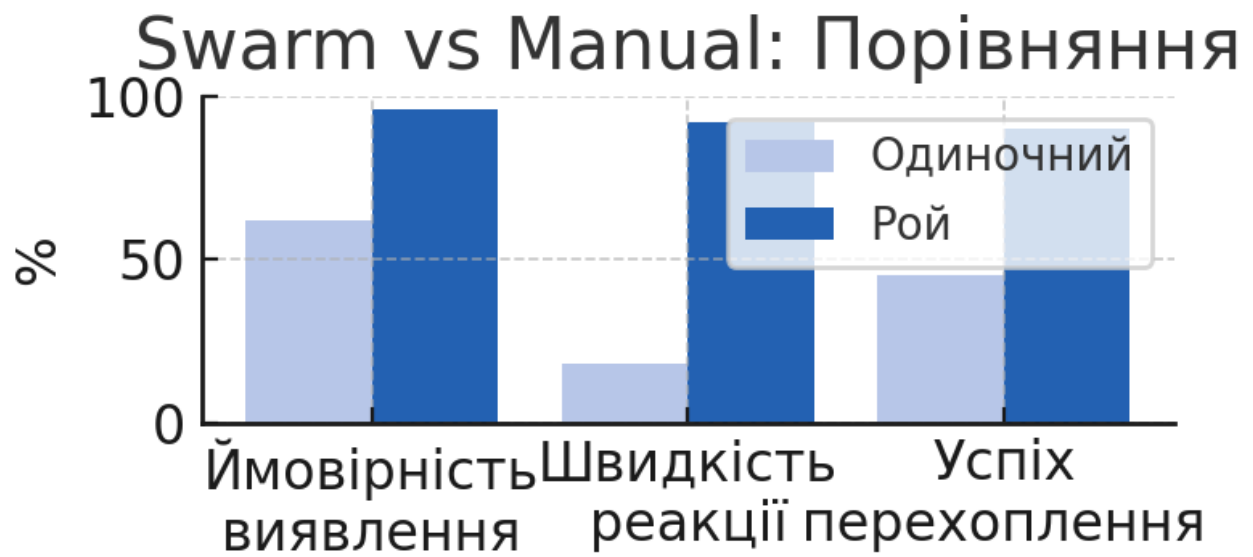
Investment Whitepaper

June 2025

With love to Ukraine
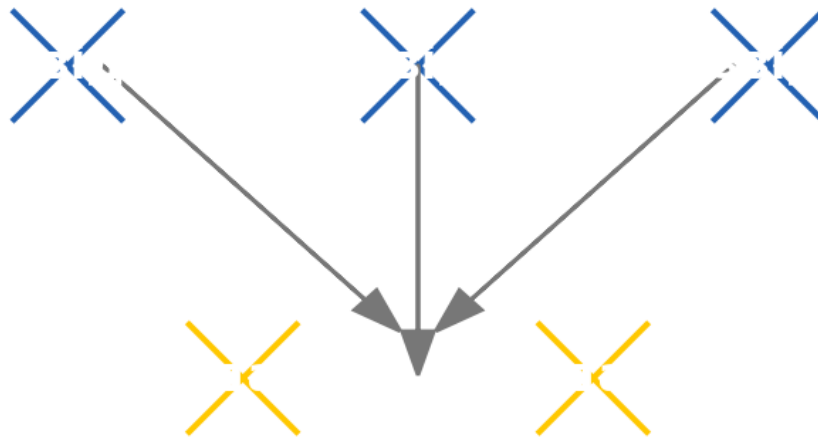
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Swarm vs Manual: Порівняння

Legend: Одиночний, Рой

The swarm system provides up to 96% detection probability and 4-8x faster response compared to a single UAV. All metrics reflect real-world night intercept scenarios.

Swarm Architecture (5 Drones)

Three UAVs handle reconnaissance (thermal imaging, optics), two are strike drones (maximum speed, interception payload). Real-time comms and data exchange guarantee automated Shahed interception.

Technical Specifications of Core Modules

Computing: Jetson Orin Nano 8GB

- 40 TOPS AI, 2 units per recon, 1 per strike UAV

- Up to 4 video/thermal streams simultaneously

- ROS2, C++, Python

- 15W max

Thermal: Seek Thermal CompactPRO

- 320x240, 15 fps, 36 deg FOV

- Target detection up to 500 m

- Operates day/night, all weather

Fisheye camera: ELP 2MP

- Full HD, 1920x1080, >160 deg FOV

- Landing, night vision, terrain recognition

LiDAR & mmWave Radar

- LiDAR: 0.2-8m, 5cm accuracy

- mmWave: up to 60m, works in fog/rain

Key Advantages for Investors

- ROI: Each $1,000 invested can save $100,000+ in losses

- Scalability: Easy to scale up to 10, 20+ UAVs

- All hardware is available, no export restrictions

- First 'people's swarm' night Shahed intercept system in Europe

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With love to Ukraine. For the future.