SKYPATH

PRODUCTS:

LOITERING MUNITION

BEE COLONY LAUNCHER

Vehicle Mounted Box

59kg/72kg
Empty / Loaded weight

<90 seconds
Full-system Readiness

<30 seconds
Reload Speed

LiFePO4
Tactical Battery

20
Consecutive Launch Endurance

100m
Zero Latency Control Radius

BEE COLONY LAUNCH BOX

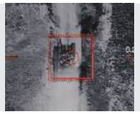
Skypath's vehicle-mounted bee colony launch box is a modular drone deployment system designed for rapid, covert, and versatile operations in the field. Engineered to be compatible with both loitering munitions and compact reconnaissance UAVs, the system supports swift reloading with under 30 seconds required per round and full operational readiness achieved in less than 90 seconds. Its architecture enables low-observable remote operation, with fiber-optic guidance ensuring zero-latency control within a 100-meter radius. This makes it suitable for highly responsive battlefield deployments where timing and precision are critical.

Rapid and Flexible

Reload <30s, Full-system readiness <90s

Low-Observable, Stealth Operation

100m zero-latency, acoustic suppression <45 dB

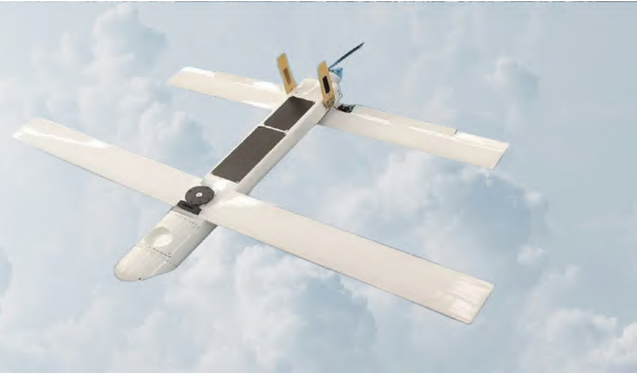


Compact and Power-Independent

Can be recharged via solar, shore, or vehicle power

ADAPTABLE & EFFICIENT

Built for adaptability, the system features a hybrid payload configuration capable of launching a mix of electronic countermeasure rounds, ISR (intelligence, surveillance, reconnaissance) munitions, and kinetic strike ordnance. It can execute up to 20 consecutive launches in a single burst under full power, providing a powerful swarm capability. The design emphasizes stealth, with acoustic output kept at or below 45 dB and integrated thermal suppression technology that reduces infrared signature by up to 90 percent. Housed in a 914 × 762 × 914 mm container constructed from lightweight aluminum alloys and shock-absorbing materials, the system is portable and durable. Power is supplied through a LiFePO4 tactical battery (48V/20Ah) and can also be supported by solar panels or vehicle-based energy sources, ensuring flexible and sustained field operation.



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SKYPATH

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Let’s discuss your operational requirements, timeline, and budget.

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