

**Maximum Speed:
300 km/h**



H-07 Rockets FPV:

Efficient adaptation and rapid combat readiness. Compatible with existing cross-country aircraft training systems, featuring interoperable controls for swift officer and soldier deployment, shortened training cycles and seamless integration.

Core Advantage:

Efficient adaptation and rapid combat readiness. Compatible with existing cross-country aircraft training systems, featuring interoperable controls for swift officer and soldier deployment, shortened training cycles and seamless integration.

Dual-capability fusion with top-tier performance:

The composite wing power system achieves 100-300 km/h speed, combining high-speed patrol flight with quadcopter agility.

Operational capability across 50-2000 meters in all heights

– Economical and versatile, adaptable to multiple scenarios.

Modular design with 500g maximum load capacity delivering high cost-effectiveness.

IP54 protection, with a wide temperature range of -20°C to 50°C; with 95% humidity resistance and 6-level wind resistance, it has been proven in real-world applications to be stable and reliable.

With over 2000 hours of rigorous testing, it achieves 99.2% stability in complex environments, ensuring safety and reliability.



Product details



propeller blades
7-inch propeller

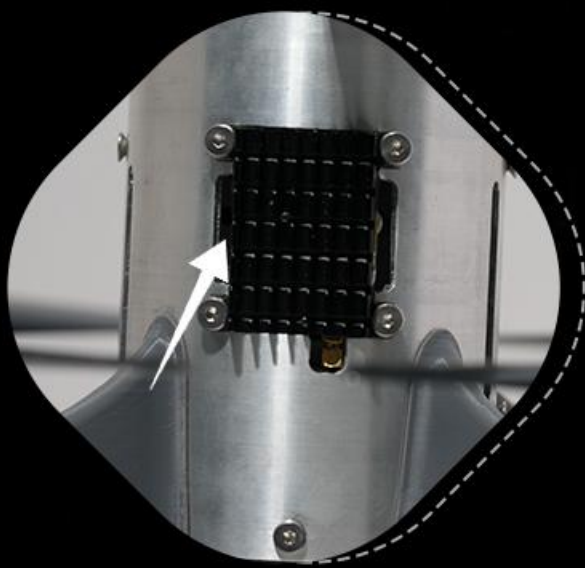


Locked lens
Cruising lens

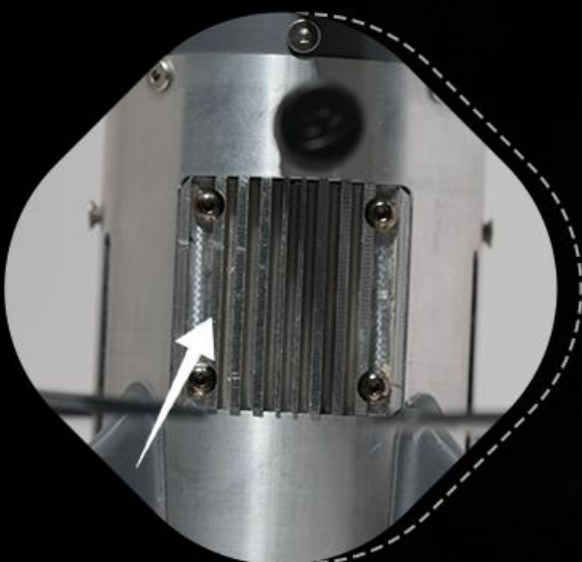
Guided Communication
Vision +AI
Cruising speed:
80-150km/h



antenna



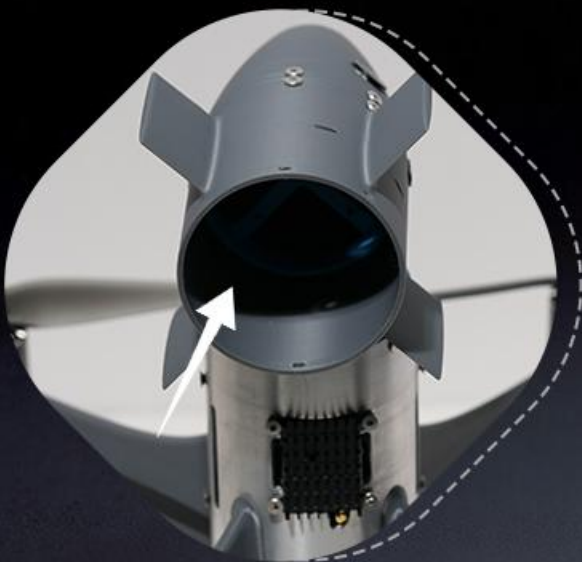
Heat sink



Heat sink



motor



Mounting compartment
Rated 300g



Battery compartment
>8 minutes

Key Technical Parameters:

Maximum speed: 300 km/h

Cruising speed: 80-150km/h

Battery life: ≥8 minutes

Flight range: ≥6km

The aircraft can fly at altitudes of 50 to 2000 meters and withstand winds up to force 6 with a turning radius of 5 meters.

Basic specifications: Weight 2.2kg

Size: 420mm×70mm

7-inch propeller

Hand/ground dual takeoff

The frame is made of carbon fiber and aluminum alloy.

Guided Communication Vision + AI

Custom Guidance / Strapdown Guidance

Operating at 2.4GHz frequency band, this system supports 10-20km line-of-sight communication with a minimum target resolution of 36 × 36 pixels.

It maintains ≥3 seconds of payload capacity under conditions, capable of handling up to 300g payload (rated 300g). Powered by 5V/12V interface and featuring standardized structures.

Energy configuration 22.2V Removable lithium battery (3000/4000mAh) 20-minute fast charge.

The BMS safety protection system operates in an environment with a temperature range of -20°C to 50°C. Storage temperature: -30°C to 30°C. IP54 protection. Resistant to 95% humidity.



Package List

A complete set includes:



• Remote Controller



• Launcher



• Rocket FPV

Application Scenarios



Remote control relay mode:

The H-07 maintains radio silence and connects to the relay module via cable to transmit and receive controller signals and image signals from a distance.



H-07 Remote Control

Battery: 7.4V 10000mAh 21700 battery pack

Charging Interface: TYPE-C PD3.0 (maximum 30W), XT30 (12-60V)

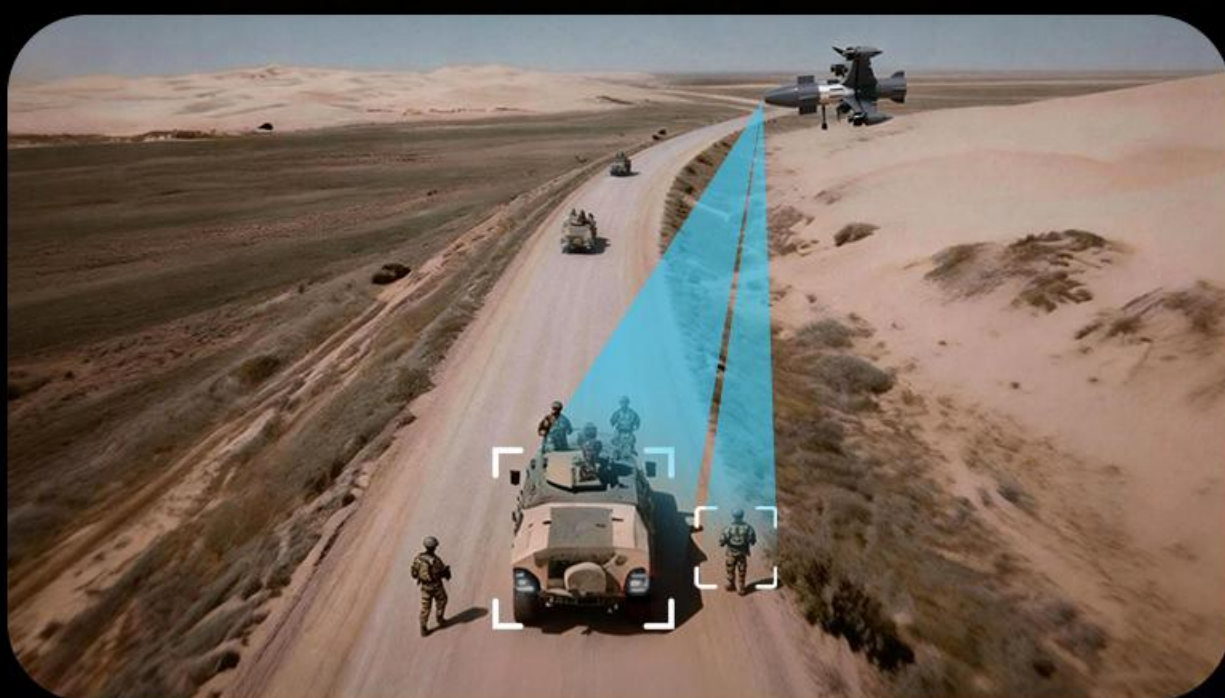
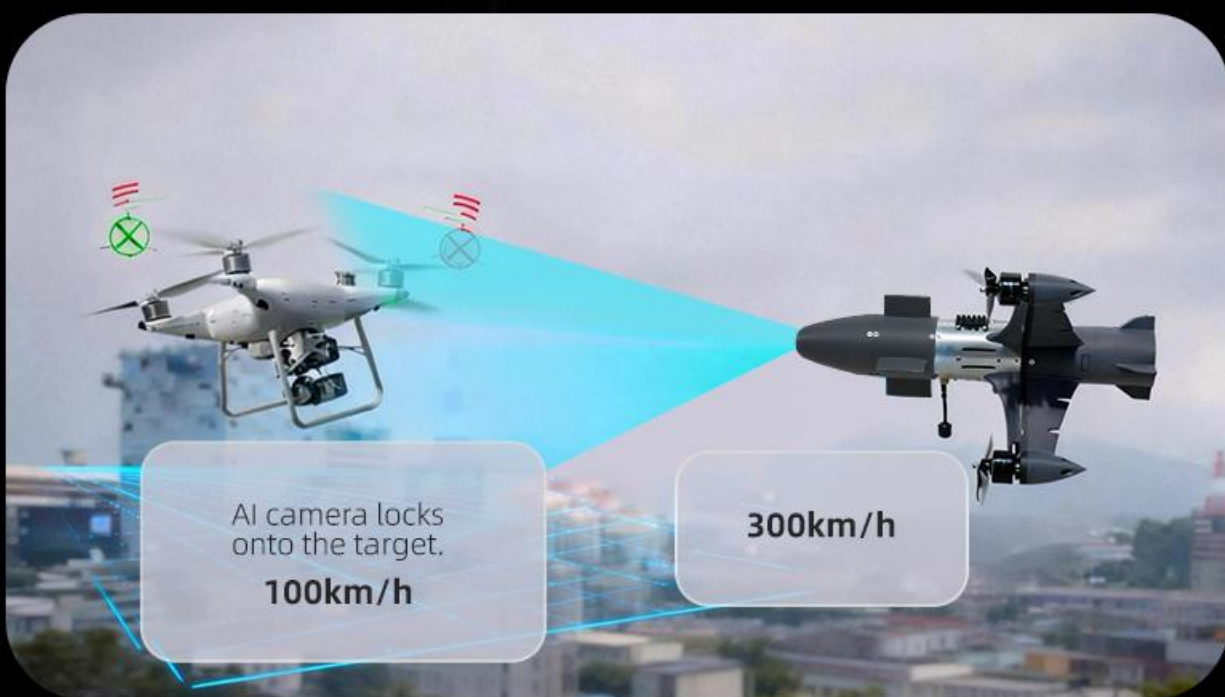
Screen: TFT LCD screen, 800x480, capacitive touch

Battery Life: 10 hours

Built-in Optical Fiber: 40km module, FC interface

Video Recording: Supported, maximum 32GB GTF card

Application Scenarios:



01

Anti-unauthorized drone flight response in ≤ 1 minute, low-altitude pursuit at 50-2000 meters, visual positioning and locking of black flight, and safe landing guidance to prevent intrusions into sensitive areas.

02

Security and Counter-Terrorism: **Urban Counter-Terrorism:**

High-speed tracking of suspicious targets with real-time video transmission.

Border Patrol: Low-altitude surveillance across all areas with instant alerts for anomalies.

Large Event Security: Comprehensive monitoring to fortify security defenses.

03

Military light mission:

Frontline reconnaissance and infiltration, precise supply of outposts, battlefield damage assessment, and support for asymmetric operations.