

X-Swift



The X-Swift UAS is guaranteed by the military-standard quality system, with stronger environmental adaptability, longer service life and longer MTBF.

AOSSCI has always focused on every aspect of the process and committed itself to providing users with best quality products.



X-Swift



72 km/h (38.9 kts)
Economical Cruising Speed

4500m (14800 ft)
Max. Altitude of Take-off and Landing

10.9kg (24 lbs)
MTOW

150min (Aerial Mapping Version)
Endurance

120min (Public Security Version)
Endurance

15-40km (8.1nm-21.6nm, LOS)
Mission Radius

1kg (2.2 lbs)
Payload



X-Swift



Vertical take-off and landing

High speed and long endurance

Multiple applications

Military redundant design

One-click flight and mission management

Modular assembly



Intelligent magnetic heading calibration, higher precision, more convenient flight preparation, and no need to mark "8" for calibration.

Intelligent anti-stall algorithm, stronger wind resistance, and safer flight.

Newly upgraded servo system, higher control, precision, better flight quality and double angle resolution.

Mobile take-off and landing platform available.

Newly upgraded payload replacement design, easier to maintain.

Upgraded heat distribution of the whole aircraft with the unique heat design of internal flow-path , radiator, and fan.

New airborne sensor with ice warning function.

High precision eal-time target tracking and positioning, remote command and control.

Complete solution of land, sea and air logistics transportation, and the whole system conforming to international and domestic transport standards.

Systematic EMC (electromagnetic compatibility) design , high performance broadband data link, and strong anti-jamming capability.

Optional location module based on mobile communication network (2G/3G/4G) to support third-party real-time positioning and monitoring.



GROUND CONTROL STATION

X-GCS is an advanced ground control system for X-series UAS. As one of the core components of the system, it adopts flat-panel design and graphical interaction to carry out mission planning and flight monitoring. Moreover, the multi-channel data link enables X-GCS to transmit flight parameters, and surveillance videos in real-time.

Intelligent operation, one-click flight management and voice prompt

Replaceable battery to ensure long-time continuous work

Portable, impact resistant, dust-/water-proof

High definition display, sunlight readable

Intel® i7 processor Memory: 16G DDR4(expandable to 32G), Storage: 1T MLC SSD 800 nits LumiBond® display with sunlight readable technology

Data Link

Highly reliable

Image transmission

Data transmission

Automatic emergency disposal of link interruption