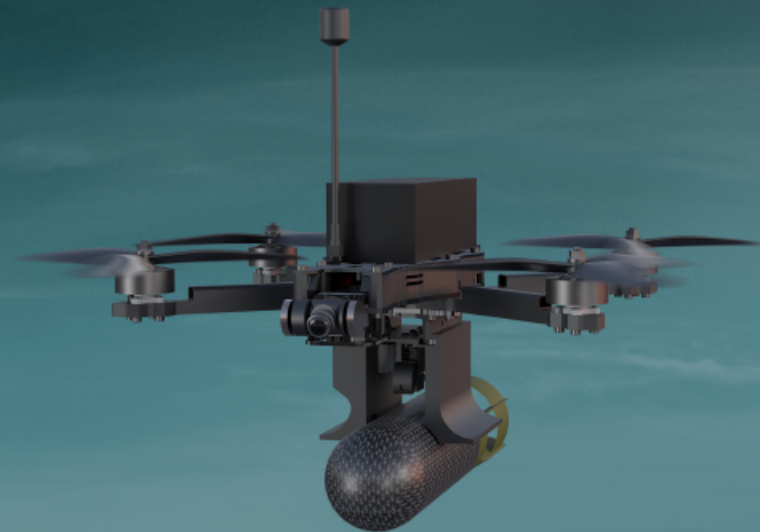


X-8 MILITARY DRONE

PHOENIX-8



DESCRIPTION

The X-8 is a cutting-edge tactical FPV drone designed for precision short-range strikes and reconnaissance missions. Its foldable frame and propellers make it highly compact for transport and enable rapid deployment, perfectly suited for dynamic and unpredictable combat scenarios.

The drone is equipped with a digital video transmission system and a two-axis gimbal, providing real-time, high-resolution imagery, and allowing for precise targeting. Its reliable navigation system with GPS, encrypted

communication channel, and ability to operate in challenging climatic conditions make the X-8 a versatile tool for various missions.

The Phoenix-8 offers multiple flight modes, including altitude hold, altitude and position hold, automatic return to the launch point, optional automatic mission execution, and optional manual flight mode.

Operated via an FPV headset, it offers full mission control, including precise payload delivery. The X-8 combines efficiency, mobility, and reliability, making it an ideal choice

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FUNCTIONALITY

Max flight time:	20 min
Deployment/undeployment time:	3 min
Max flight distance:	12 km
Operational range:	Up to 5 km*
Max horizontal flight speed:	130 km/h
Cruising horizontal flight speed:	70 km/h
Max vertical flight speed:	6 m/s
Max relative flight altitude:	1,000 m
Flight altitude above terrain:	300 – 500 m
Horizontal flight tilt angle:	25°

DIMENSIONS

Width:	330 ± 10% mm
Length:	280 ± 10% mm
Height:	110 ± 10% mm

WEIGHT

Dry weight:	1,000 g
Battery weight:	860 g
Max payload weight:	2,000 g

MOTORS

Motor type:	Electrical
Motor power:	1,1 kW
Number of motors:	4
Propeller diameter:	203 mm
Folding propeller:	Yes

BATTERY INFO

Battery capacity:	6,500 mAh
Battery voltage:	22.2 V
Battery weight:	850 g

CLIMATIC CONDITIONS

Temperature:	-20°C to +40°C
Wind speed:	<7 ± 2 m/s

WARHEAD

Number of warheads:	1
Warhead total weight:	1,800 ± 5% gr
Warhead release height:	150 ± 50 m
Target impact accuracy:	2 ± 10% m