

X-10 MILITARY DRONE

PHOENIX-10



DESCRIPTION

The X-10 is a tactical FPV drone designed to resist electronic warfare (EW) and deliver precise short-range kamikaze-style strikes. Featuring a jamming-resistant, ultra-low latency, and high-speed fiber-optical tethered communication system, it eliminates vulnerabilities to radio signal interference and ensures uninterrupted operation controlled by an operator using a remote controller and FPV goggles. Its foldable frame and propellers make it highly portable and enable quick deployment.

The robust design makes it ideal for challenging environments where electronic warfare poses significant risks to traditional communication systems.

The X-10 drone is deployed against armored military vehicles and tanks, effectively targeting and neutralizing high-value threats on the battlefield. It can also be equipped with automatic target-tracking capabilities, enhancing its precision and operational efficiency.

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FUNCTIONALITY

Max flight time:	10 min
Deployment/undeployment time:	5 min
Max flight distance:	6 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:	20 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

MOTORS

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

CLIMATIC CONDITIONS

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

WEIGHT

Dry weight:	2,100 g
Battery weight:	860 g
Max payload weight:	800 g

BATTERY INFO

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

WARHEAD

Number of warheads:	1
Warhead total weight:	800 ± 10% gr