



LPP
HOLDING



ARTEMIS 2.0

HIGH-SPEED QUADCOPTER
ANTI-DRONE

Our modular system is designed for the identification, tracking, and elimination of enemy drones. In the target area of initial contact, the ARTEMIS system independently identifies the target by the nose camera and automatically tracks the enemy drone on its trajectory. After confirming the target, it carries out an attack and destroys the target with a carried ammunition.

MAIN FEATURES

- + High-speed quadcopter drone system for remote counter-UAV operations
- + Warhead creates a directed beam of fragments that covers a target area up to 10 m² large
- + The system performs vertical take-off from rough terrain or from vehicle
- + Combines radar detection, VIS/IR camera guidance, and laser rangefinder initiation
- + Mechanical and electronic safety fuses with in-flight self-destruct function



TECHNICAL SPECIFICATION

Speed	300 km/h	Operating range	5000 m
Weight	Up to 10 kg	Endurance at maximum power	4 min
Combat payload	Up to 2 kg	Endurance at standby power	10 min
Payload type	HE-FRAG / HEAT	Temperature range	-40 to 60 °C
Height	700 mm	Precipitation	rain/snow resistant
Span without propeller	700 mm	Crosswind speed	up to 12 m/s
Span with propellers	1100 mm	Communications	Proprietary MBR
Body diameter	150 mm	Radar data format	Asterix CAT 62
Requirements	Data integration from/with existing airborne defence system (ASTERIX ready)		
Optical conditions	day/night/reduced visibility (spring and autumn fog + low cloud cover)		



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