

KARGUFPV

KAMIKAZE DRONE



TECHNICAL SPECIFICATIONS

KAMIKAZE DRONE

KarguFPV Kamikaze Drone combines high manoeuvrability with effective day and night operation capability and a low radar cross-sectional area, facilitating precise strikes against fixed or moving targets. Equipped with an advanced military security fuze and an integrated day and night camera, the KarguFPV Drone is resistant to electronic warfare effects such as jamming and spoofing.

The platform can be programmed to detonate automatically at an adjustable distance using its proximity sensor, or can be detonated manually. Its autonomous terminal diving capability, supported by computer vision, ensures accurate target marking and precise hits.

CAPABILITIES

- › Operable by Single Personnel
- › Capability to Detect and Engage Targets Within and Beyond Visual Line of Sight
- › High Maneuverability
- › Anti-Personnel Optimized Area Effect Munition Warhead or Armor-Piercing Warhead
- › Real-Time Video Transmission to FPV Goggles
- › Precision Strike Capability Supported by Image Processing
- › Autonomous Terminal Diving With Computer Vision
- › Safe Mission Abort, Landing and Safe Manually Return-to-Home Function
- › Emergency Mode Management
- › High-Performance Flight Control System
- › Electronic, Mechanical and Software Safe Fuze System
- › Automatic Detonation at an Adjustable Distance
- › Day Light/Thermal Integrated Camera
- › Jamming-Resistant 2 Distinct Data Link

SPECIFICATIONS

Platform Take-off Weight	3,650 gr (With Ammunition)
Payload Capacity	1400 gr
Platform Dimensions	355x355x300 mm (Including Warhead and Battery)
Maximum Speed	160 km/h
Endurance	20 Minutes Kamikaze Mode (Kargu Ammunition and Fuze) 44 Minutes Observation Mode (Without Ammunition an Fuze)
Mission Range	10 km (with external antenna) 5 km (onboard GCS antenna)
Mission Altitude	500 m (AGL)
Maximum Altitude	5500 m (MSL)
Operating Temperature Conditions	-20 / + 60 °C
Wind Resistance	30 m/s

PAYLOAD OPTIONS

Anti-Personnel Warhead	Armor-Piercing Warhead	Fiber-Optic Cable	JINN System The DRFM-based stand-in jamming system is a high-tech solution for jamming and deceiving hostile radars.
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STM SAVUNMA TEKNOLOJİLERİ MÜHENDİSLİK VE TİCARET A.Ş.

Mustafa Kemal Mah. İsmail Karakaya Cad.
No: 3A İç Kapı No: 1 Çankaya-Ankara/TÜRKİYE
T +90 312 266 35 50 - F +90 312 266 35 51 - www.stm.com.tr

