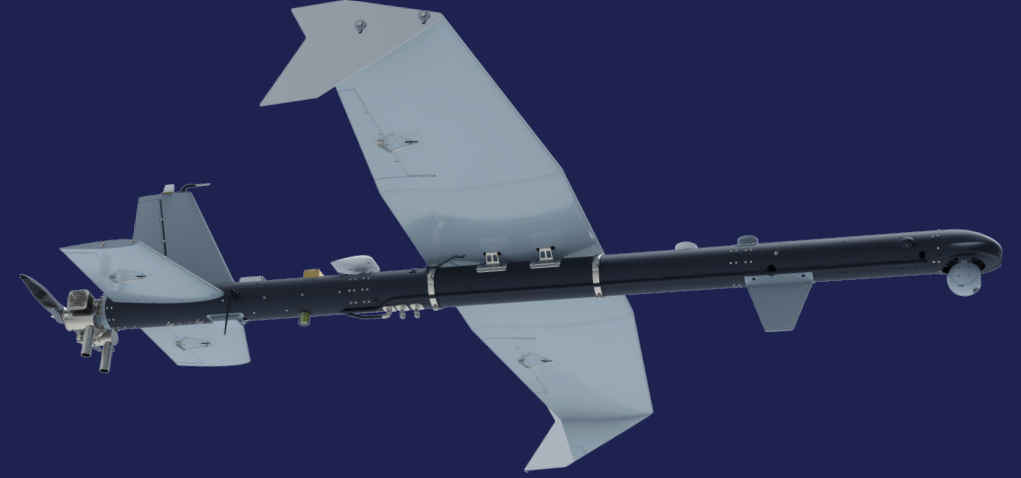




 **BAYKAR**



TECHNICAL FEATURES

Service Ceiling	10,000 ft
Operational Altitude	4,000 ft
Communication	Fire and Forget (UM), LOS (UMX)
Communication Range	10+ km (UM), 70+ km (UMX)
Operational Range	1,000 km (UM), 900 km (UMX)
Endurance	9+ hours (UM) 8+ hours (UMX)
Cruise Speed	55 KIAS
Max. Speed	70 KIAS
MTOW	76 kg (UM) 78 kg (UMX)
Takeoff/Landing/Cruise/Taxi	Catapult
Power Plant	Internal Combustion Engine
Payload	20 kg Warhead AI Assisted EO Camera (UMX)
Versions	SIVRISINEK-UM, SIVRISINEK-UMX
Terminal Guidance	GNSS (UM), GNSS EO (UMX)
Wingspan	3.2 m
Length	3.8 m
Height	0.8 m

CAPABILITIES

SIVRISINEK UMX

Communication via TB2, TB3 or AKINCI as a Relay

Anti-Jamming System

Visual Navigation

Digital Data and Video Link

Sensor-Fusion-Assisted, Fully-Autonomous Operations

AI-Assisted Autopilot System

AI-Assisted Optical Guidance Set

SIVRISINEK UM

Anti-Jamming System

Sensor-Fusion-Assisted, Fully-Autonomous Operation

MISSION PROFILE

Surface-to-Surface

SIVRISINEK

Intelligent Loitering Munition

The Sivrisinek Intelligent Loitering Munition is a versatile, next-generation loitering munition system designed to deliver high effectiveness in contested and challenging environments. Developed in two different configurations, UM and UMX, to address diverse mission requirements, the system provides high mission effectiveness through advanced autonomous navigation, artificial intelligence-based target recognition algorithms, and integrated mission planning software. Thanks to this advanced technological infrastructure, which reduces the need for operator intervention, Sivrisinek increases efficiency while making mission processes faster, more precise, and more effective.

Thanks to its catapult-based launch system, Sivrisinek does not require a runway and can be rapidly deployed from forward operating bases, challenging terrain, and confined areas. Programmed on the ground and launched within minutes, the system creates precise and decisive effects on the battlefield while combining high performance, reliability, cost-effectiveness, and rapid deployment capability. With its flexible operational structure, high accuracy, and ease of field integration, Sivrisinek provides users with broad operational freedom and short reaction times in dynamic combat environments.

