



 **BAYKAR**




**TECHNICAL FEATURES**

Service Ceiling	10,000 ft
Operational Altitude	7,500 ft
Communication Range	80+ km
Operational Range	150 km
Endurance	30 mins
Cruise Speed	130 KIAS
Max. Speed	160 KIAS
MTOW	75 kg
Payload Capacity	20 kg
Takeoff/Landing/Cruise/Taxi	Airdrop, RATO, Vehicle-Based Launch System
Power Plant	Jet Engine
Payload	AI-Assisted EO Camera
Terminal Guidance	EO or GNSS
Wingspan	1.35 m
Length	2.47 m
Height	0.49 m

**CAPABILITIES**

- Communication via TB2, TB3 or AKINCI as a relay
- Anti-Jamming System
- Visual Localization
- Digital Data and Video Link
- Sensor-Fusion-Assisted, Fully-Autonomous Takeoff, Cruise and Dive
- High Performance Image Stabilization

**ADVANCED FEATURES**

- AI-Assisted Autopilot System
- AI-Assisted Optical Guidance Set
- Full HD EO Camera

**MISSION PROFILE**

- Ground to Ground
- Air to Ground

# KEMANKEŞ 2

## Mini Cruise Missile

The Bayraktar KEMANKEŞ 2 Mini Cruise Missile, featuring AI technology, has been indigenously developed by Baykar to engage strategic targets with precision. The name KEMANKEŞ, inspired by historical Turkish archers renowned for their unmatched accuracy even under challenging conditions, reflects its ability to strike with pinpoint accuracy.

The Bayraktar KEMANKEŞ 2 is engineered to launch from unconventional sites – such as locations without road or runway access – utilizing a Rocket-Assisted Takeoff (RATO) system and the ability to be deployed on mobile platforms, such as pickup trucks. It will also be able to conduct missions by being integrated into the Bayraktar Akinci platform.

This mini cruise missile operates autonomously, utilizing an artificial intelligence-supported autopilot system. Powered by a jet engine, it is highly effective against critical targets behind enemy lines.

The AI-assisted optical guidance system provides pinpoint accuracy, enabling the Bayraktar KEMANKEŞ 2 to effectively identify and engage targets, even in the most challenging operational environments.

