

BAYRAKTAR
TB2



 BAYKAR



TECHNICAL FEATURES

Service Ceiling	20,000 ft
Operational Altitude	16,000 ft
Communication	LOS, BLOS (Optional), Missile Data Link (Optional)
Operational Range	3,000 km
Endurance	18+ hours
Cruise Speed	90 KTAS
Max. Speed	110 KTAS
MTOW	700 kg
Payload Capacity	150 kg
Takeoff/Landing/Cruise/Taxi	Autonomous
Power Plant	Internal Combustion Engine (100 hp)
Payload	Simultaneous EO/IR/LD or Surveillance Radar
Payload-Weapons	Laser Guided Munitions, INS Guided Munitions, IR Guided Munitions, Mini Cruise Missiles
Versions	TB2-A, TB2-B, TB2-C and TB2-D
Wingspan	12 m
Length	6.4 m
Height	2.2 m

CAPABILITIES

Fully Autonomous Flight Control and Triple Redundant Autopilot System
Semi-Autonomous Flight Modes Support
Redundant Link System
Fault-Tolerant and Triple Redundant Sensor Fusion Application

ADVANCED FEATURES

Enhanced Autonomy and Artificial Intelligence
Fully Autonomous Takeoff and Landing Independent of Ground Control Systems
GNSS Independent Navigation with Sensor Fusion

BAYRAKTAR TB2

The Bayraktar TB2 Armed Unmanned Aerial Vehicle (UAV) is a combat-proven Medium Altitude Long Endurance (MALE) platform. Developed for intelligence, reconnaissance, and surveillance missions, the TB2 ensures high mission safety and operational continuity through its triple redundant autopilot system and advanced sensor fusion architecture. With fully autonomous taxi, takeoff, cruise, and landing capabilities, it performs effectively and reliably under diverse operational conditions.

In addition, the Bayraktar TB2 is configured for precision strike operations, featuring proven smart munition integrations that support accurate target acquisition and precise engagement. Demonstrating its effectiveness and operational reliability across multiple theaters of operation—from Karabakh to Libya, and from Syria to Ukraine—the Bayraktar TB2 has successfully operated in diverse geographical, climatic, and threat environments, proving itself on the battlefield.

“The world’s most actively deployed UAV.”

