

# BAYRAKTAR TB2UAS



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## TECHNICAL SPECIFICATIONS

Comm. Range	> 150 km
Cruise Speed	70 knots
Max. Speed	116 KTAS @ 16,000 ft
Operational Altitude	18,000 ft
Absolute Ceiling	25,000 ft
Endurance	> 24 hrs
Wing Span	12 m
Length	6.5 m
Takeoff / Landing	Runway (Automatic)
Max Takeoff Weight	650 kg
Payload Capacity	55 kg Gimbal Camera + 85 kg Ext. Store
Fuel Capacity / Type	Mogas / Avgas
Engine Type	100 hp Internal Combustion Engine (Injection Type, Variable Pitch Propeller)

## TECHNICAL CAPABILITIES

Fully Automatic Flight System
Sensor Fusion Aided Precise Take-off and Landing System
Autonomous Taxi
Semi-Autonomous
Fault-Tolerant System Architecture
Triple Redundant Flight Control System
Redundant Servo Actuators
Redundant Electrical Power Architecture
EO Camera Module
IR Camera Module
Laser Designator
Laser Range Finder
Laser Pointer

The Bayraktar Tactical Unmanned Aerial System is a medium-altitude, long-endurance class UAS for reconnaissance operations. With its triple-redundant avionics system and sensor fusion architecture, it has the capability of fully autonomous taxi, take off, cruise and landing.

The Bayraktar Armed UAV has a standalone precise see, designate and hit capability with its 4 MAM-L or MAM-C guided bombs and onboard designator. The system offers an all-in-one solution with an easy to operate and maintain airframe which reduces operational necessities and cost.

MORE THAN  
**130,000 FLIGHT HOURS**  
EXPERIENCE

OPERATIONAL  
SINCE 2014 WITHIN  
**THE TURKISH ARMED FORCES**, GENDARMARIE  
AND TURKISH POLICE

NATIONAL ENDURANCE  
AND ALTITUDE RECORDS  
**FOR TURKISH AVIATION**

