

ESSEN



GOKHUN

FIXED WING VTOL UNMANNED AERIAL SYSTEM

www.esensi.com.tr

GÖKHUN

GöKHUN is the ideal UAS solution for tactical multi-mission land and ship-based operations, providing the optimum payload & endurance capacity in its class.



Vertical Takeoff & Landing From 10m x 10m Area, Without Needing Additional Equipment or Runway



15 Min Assemble & Disassemble Time by Two Technicians



Up to 16 Hours Flight Time



Jam Resistant GNSS



GNSS Independent ESEN Vision Based Navigation (GörDES)



Ground Control Station & Ground Data Terminal Handover Capability



Triple Redundant Navigation System
Dual Redundant Flight Control System
Dual Redundant Datalink
Dual Redundant Electrical System



NATO AEP-83 Airworthiness Compliant Design,
NATO AEP-84(Former 4586) Level 4 Interoperability



Non-ITAR Product



GÖKHUN

Technical Specifications

MTOW	110 kg
Payload + Fuel Capacity	26 kg
Wingspan	5.76 m
Length	3.62 m
Endurance	Up to 16 hrs
Service Ceiling	18.000 ft (MSL)
Operational Temperature	-30° C to +55° C
Cruise Speed	52 - 85 kts
Los Range	150 km
Takeoff/Landing	VTOL (Multirotor)
Engine	2-Stroke/15 HP
Fuel Type	Gasoline/HF
Wind Limits	Takeoff/Landing: 15kts cross wind Max wind at FL: 40 kts

Payloads

EO/IR (Standard)
ESEN Wide Area Surveillance
ESEN COMINT/DF
ESEN Vision Based Navigation System
ELINT
AIS
SAR
Communication Relay
Mapping Camera/ LIDAR

Mobile Configuration



Whole system stored and transported in two vans

First Van: Containing Control Station

Second Van: Containing Two UAVs, Transportation Stations, Mobile Generator

Military Configuration



Whole system stored and transported in two shelters

20 ft CSC Certified Shelter Containing Two UAVs, GCS & TaS Stations

10ft Shelter Containing PGS and Fuel Tanks

The logo for GOKHUN features the word "GOKHUN" in a bold, sans-serif font. The letter "O" is stylized as a circle with a horizontal line through its center. A teal-colored horizontal bar is positioned above the letters "G" and "K".

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The logo for ESEN features the word "ESEN" in a bold, sans-serif font. The letter "E" is stylized with a teal-colored horizontal bar above it.

Titanyum C Blok Kat:2 ODTÜ Teknokent
06800, Çankaya, Ankara/ Türkiye

T: (+90) 312 220 14 88
F: (+90) 312 220 14 89

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