

# '24



# Sapmaz

DEFENCE

Bati Sitesi Mh.  
2310-1 Cd. No:66  
Yenimahalle, Ankara

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your requests.

[www.sapmazsavunma.com](http://www.sapmazsavunma.com)



**Sapmaz**

DEFENCE

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# About

Founded in 2014 to carry out R&D activities in the field of engineering, Sapmaz is an Ankara-based aviation defense industry company that offers products and services in the fields of production, training and consultancy in the Unmanned Aerial Vehicles (UAV) sector.

## 1. Production Activities

As Sapmaz Defense, we take an active role in the design and production of unmanned aerial vehicles. The studies we have done in this field; We produce drones with anti-jammer features suitable for autonomous use for logistics purposes, guided munitions systems, drones for reconnaissance and surveillance purposes and special purpose unmanned aerial vehicles.

Our production activities, T.R. We carry out our activities with the Unmanned Aerial Vehicle manufacturer registration in the Industrial Registry System of the Ministry of Industry and Technology and the capacity report given by TOBB.

## 2. Educational Activities

Our company was authorized as a Training Institution for Commercial UAV Pilot Training (Drone License) by the General Directorate of Civil Aviation in 2017.

Our company, which received training authorization in the UAV2/UAV3 class in 2021, is one of the few active training organizations that has at most UAV2 class registered practical training aircraft and where theoretical and practical training can be provided by the same company.

## 3. Light UAV Operator and Consultancy

In addition to training and production activities, our company has the Light UAV Operator certificate numbered TR-UAV-OPERATOR-02 issued by the General Directorate of Civil Aviation. With the organizational structure we have established in our company, all registration, registration, certification, flight permit and maintenance and repair processes of the unmanned aerial vehicles we operate are carried out professionally.

With this organizational structure, we provide consultancy on issues such as registration, registration, certification, special flight permits and commercial flight permits required for the unmanned aerial vehicles industry.



# 25 Wt

**25 Wt  
lifting capacity**



**Obstacle  
avoidance radar**



**Two axis gimbal  
system**



**Autonomous flight  
capability**



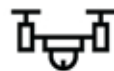
**Control distance  
up to 15 km**

# RTK

**Precise positioning  
with network RTK**



**10 m fast  
charging time**



**\*15 m duty time  
with 1 battery**

\* When operating with a 10 wt load, in favorable weather conditions and at sea level.

**Curb weight**

25 Wt

**Full weight**

50 wt

**Task speed**

1-20 m/s

**Flight time**

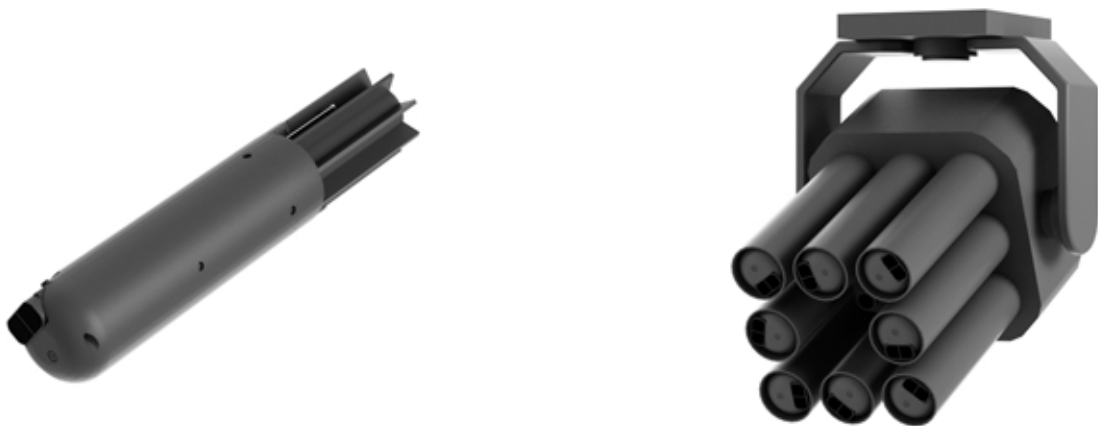
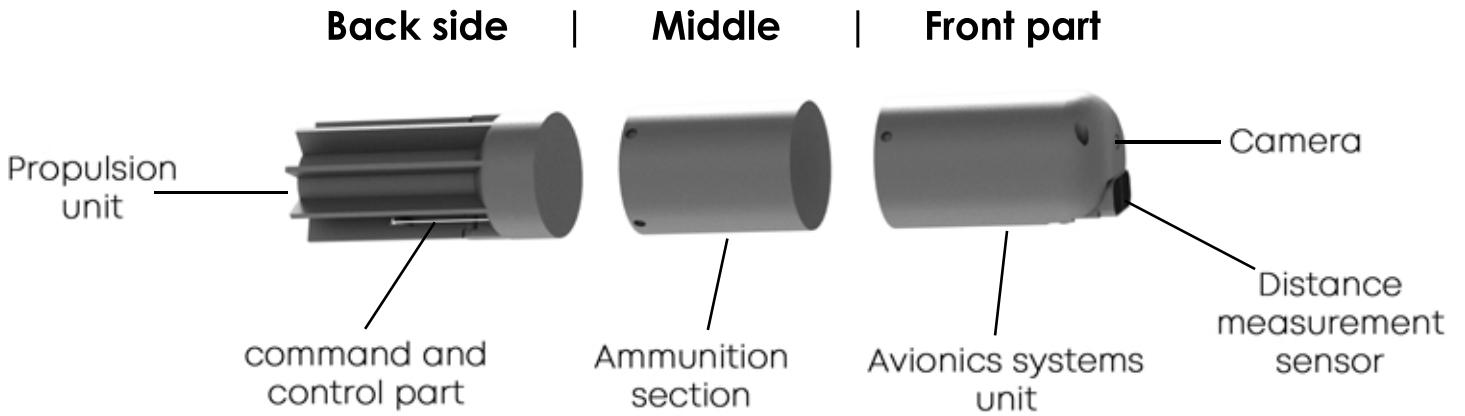
9 min (with 20 wt payload)  
19 min (without payload)

**Number of portable ammunition**

1-8 pieces

**Battery**

Li-Po 14S 30000 mah smart battery system



**Weight**

1,5 Wt

**Guidance**

Target tracking with image processing

**Task speed**

1-15 m/s

**Sensor**

Distance measuring sensor

**Mission Capability**

Suitable for autonomous and manual use

**Battery**

Li-On 2S 6000 mah.



**40 Wt**

**40 Wt  
lifting capacity**



**Obstacle  
avoidance radar**



**Three axis gimbal  
camera**



**Autonomous flight  
capability**



**Control distance  
up to 15 km**

**RTK**

**Precise positioning  
with network RTK**



**10 m fast  
charging time**



**\*15 m duty time  
with 1 battery**

\* While operating at sea level and in suitable weather conditions with a load of 20 wt

**Curb weight**

**Full weight**

28 Wt

68 wt

**Task speed**

**Flight time**

1-20 m/s

12 min (with 30 wt payload)  
27 min (without payload)

**GNSS performance**

**Battery**

Anti jamming system

Li-Po 18S 30000 mah smart battery system



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