

# CANKUŞ<sup>®</sup>

Agricultural Sprayer Drones  
30 LT / 50 LT



360°  
Obstacle Avoidance Radar



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# K++ V2 professional flight controller for agricultural drone

More Backup Safer Flight



‘CANKUŞ - A50’ agricultural drone is powered by K++ V2. The Flight Controller integrates 2 CPU, 3 IMU and 2 barometers. Redundant configuration always provides safer flight. Also, RTK anti-magnetic interference and calibration-free flight controller is accessible.

## Foldable Body

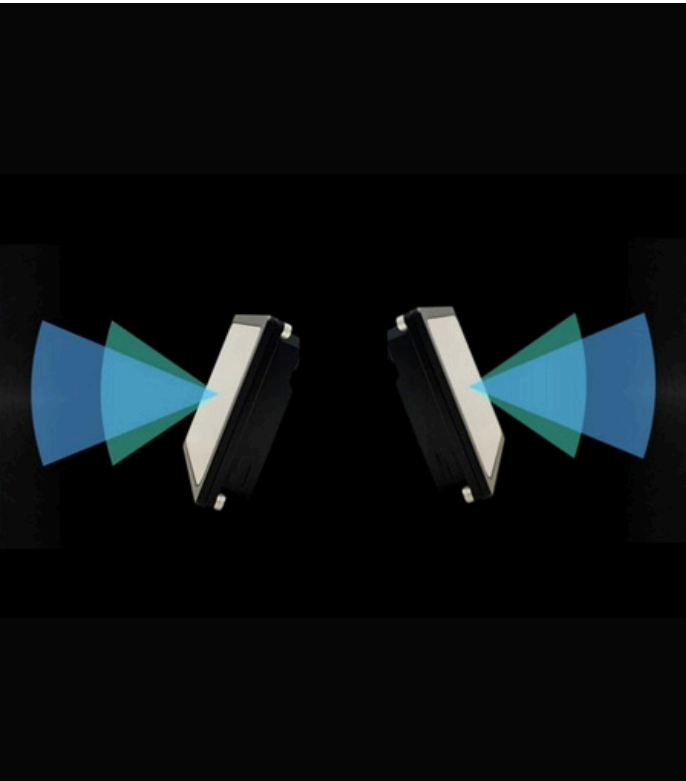
Easy to Fold, Easy to Carry

‘CANKUŞ - A50’ agricultural drone has a foldable design and provides high working efficiency by providing easy portability within the vehicle and ease of transition between different spraying areas.



## Intelligent Obstacle Avoidance Radar

Avoid Collision Effortlessly, Ensure Safer Flight

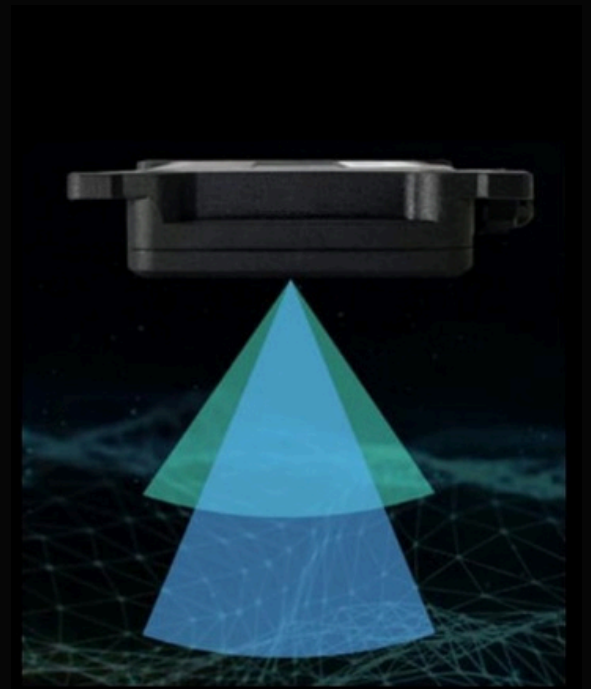


Equipped with front and rear obstacle avoidance radars, the 'CANKUŞ - A50' agricultural drone can perform automatic flights without fear of collision and without making any turns.

## Smart Altimeter Radar

Precision Spraying with Terrain Following

Thanks to its millimeter-wave terrain-following radar, the 'CANKUŞ - A50' agricultural drone maintains a fixed height above crops for precise spraying.



# Smart Battery and Power System

Increases Efficiency Provides Longer Flight Life



The ability to update the battery and charger provides advantages such as increasing charging speed, extending battery life, adding new smart features and increasing security. It also enables the system to remain compatible with future technologies.

# Integrated FPV camera with dual LED spotlight

Sufficient light for night work

The all-in-one camera supported by the 'CANKUŞ - A50' agricultural drone integrates the IP65 FPV camera, dual LED spotlight and 1 km image transmission, enabling the pilot to operate safely with sufficient light at night.





# Specifications

Total weight	31.5 kg (excluding battery) 45 kg (with battery)
Maximum Take-Off Weight	95 kg (with battery)
Maximum Wheelbase	2272 mm
Dimensions	2845mm×2718mm×830mm (open) 1066mm×677mm×830mm (closed)
Flight Duration	No load: 18 min (30000 mAh) Full Load: 10 min (30000 mAh)
Tank volume	50L (recommended 45L)
Spray pump	Volt: 12-18S Power: 30W*2 Maximum flow rate: 8L/min*2
Nozzle	Volt: 12-18S Power: 500W*2 Atomized particle size: 50-500 μm
Spray width	4-10 m
Applicable Granules	0.5-6 mm dry solids
Spreading width	8-12 m
Recommended operating temperature	-10°C to 60°C
Avoiding obstacles	360° obstacle avoidance radar
Remote control	Resolution: 1080*1920 Display screen: 7 inches

# Package Included

**'CANKUŞ - A50' Sprayer Drone**



**H12 Remote Control**



**18S 30.000 mAh Battery x3**



**9KW Battery Charger**



**50 lt. Liquid Tank**



**75 kg Solid Tank**

