

RYL-1550 One machine can use more drones

At the same time can be equipped with propaganda device, infrared, zoom camera, tilt camera system and other different mount



Summary

The RYL-1550 is an industrial-class six-rotor drone with an integrated carbon fiber body, an extremely light weight and a gradual pull insertion structure, which is convenient and safe. The whole machine to achieve rain and dust prevention performance, and has a super load capacity, the flight time can reach more than one hour. It can be equipped with different loads, including propaganda, infrared, zoom camera and tilt photography system, to provide services for different industries, such as public security, fire protection and electric power, in a complex environment.

Feature

The RYL-1550 has high reliability and portability, and uses a new generation of power systems to further improve the load capacity and flight performance. The Yunlong series UAV is standard equipped with intelligent multi-star flight control, high-definition and low-delay map transmission, high-voltage battery pack, support various types of mounting equipment, **load up to 15kg**, providing a reliable high-performance flight platform for industrial aerial photography and uav industry applications.

Adaptable mount



Technical parameters

Aircraft type:	Multi-rotor aircraft type
Wheelbase:	1550mm
Body material:	carbon fiber and composites
Box size:	400x730x930 mm (standard)
Weight (no battery or load):	6.5kg

Dynamic property:

Maximum take-off weight:	21kg
Maximum payload:	10kg
Climbing speed:	4m / s
Cruise speed:	15 m/s
Battery capacity:	25,000 m A h 6S 2 lithium battery
Maximum empty-load endurance time:	75min
Communication distance:	10km
Elevation elevation limit:	5000m

Flight mode: fully automatic, semi-automatic

Return: automatic return with one key, low power automatically return

Others: autonomous take-off and landing, automatic route, black box function

Environment

Wind resistance: 12 m/s (Grade 6)

Operating temperature: -20°C ~60°C

Working humidity: 10%~90% without condensation

Dust-proof and waterproof level: IP54

Please feel free to contact us if you are interested in this product.