

UCAV-LG

Specification



Technical

Dimensions when operating, mm	1700x1700x500
Dimensions when folded, mm	600x600x500
Time to change combat/operational readiness status, minutes	<2
Data transmission distance, km	15
Maximum flight speed, km/h	70
Maximum carrying load, kg	7
Maximum flight time with full load, minutes	30
Maximum flight time without load, minutes	50
Maximum ceiling, m	500

Usage

Unmanned aerial vehicle carry firepower to equip infantry for air assaults, used to destroy manpower targets and armored vehicles fixed on the ground. at combat altitudes 100 to 500 m.

Camera

Zoom	36X
HD resolution	HD (1280x720)@30fps
Video format	MP4
Video format	MP4 (MPEG-4 AVC/H.264)

Controller

Operating frequency, Ghz	2.4
Maximum transmission range, km	15
Screen	5.5 inch, 1920x1080
Memory	16GB (microSD supported)
Operating temperature, °C	-10 to 50
Connection	Wi-Fi, Bluetooth 5.1

Target Recognition System

Maximum target recognition distance, mm	400
Target type	People, vehicles
Maximum tracking speed, km/h	70

GIMBAL

Orientation angle, degrees	±290
Radial angle, degrees	-115 ~ +45
Angular error, degrees	±0.02

Combat Module

Thermobaric explosive head dropping module

- Weight, not greater than, kg	0.5
- Number of integrated explosive heads	1
- Control accuracy of dropping the explosive head on a fixed target (at an altitude of 100-500m), not greater than, m	10

Anti-personnel explosive head dropping module

- Weight, not greater than, kg	0.5
- Number of integrated explosive heads	1
- Control accuracy of dropping the explosive head on a fixed target (at an altitude of 100-500m), not greater than, m	10

Concave piercing explosive head dropping module

- Weight, not greater than, kg	1
- Number of integrated explosive heads	1
- Control accuracy of dropping the explosive head on a fixed target(at an altitude of 100-500m), not greater than, m	10