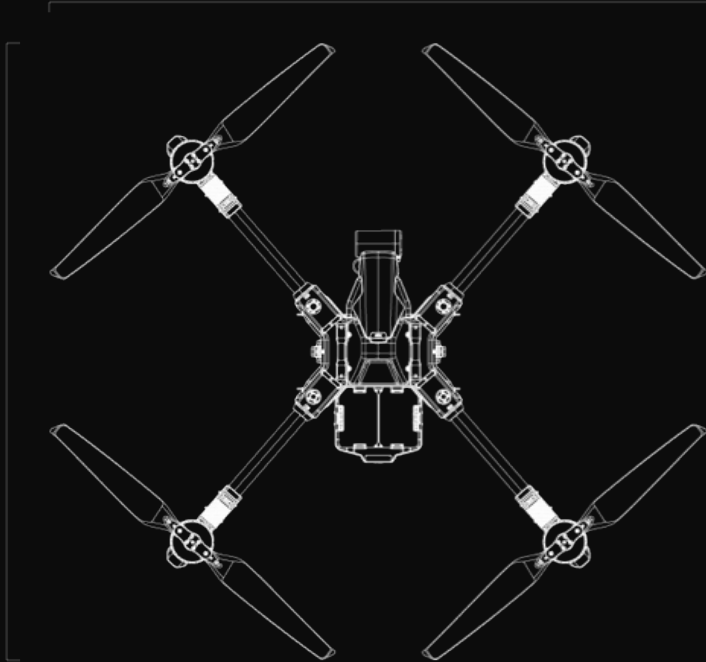
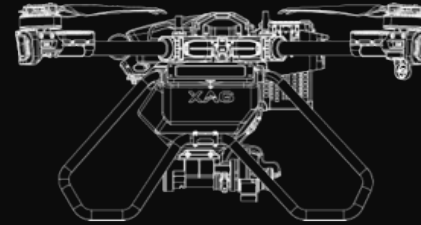


2460 mm

搭载睿喷

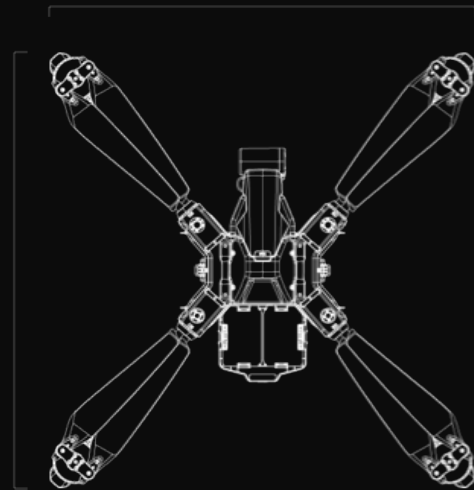


搭载睿播



1422 mm

搭载睿图



1451 mm

555 mm

# Flying platform

## Basic parameters

### Dimensions

2460 × 2487 × 303 mm (paddles extended)

1422 × 1451 × 293 mm (paddles folded)

### Symmetrical motor wheelbase

1780 mm

### Protection class

IPX6K

### Flight platform mass (including battery)

39.6 kg

### Arm tube material

Glass and carbon fiber composites

### Rated load

40 kg

## Flight parameters

### Sustained high precision navigation time with RTK data delay

Limit RTK data delay within 600 seconds

### maximum takeoff altitude

2000 meters (more than 2000 meters will affect flight efficiency)

### maximum flight speed

### Recommended operating ambient temperature

13.8 m/s

0 ~ 40 degrees Celsius

### Hover accuracy (good GNSS signal)

RTK enabled: Horizontal  $\pm 10$ cm, Vertical  $\pm 10$ cm

RTK not enabled:  $\pm 0.6$  m horizontally,  $\pm 0.3$  m vertically

### Hovering time (with XAG® B13960S smart supercharged battery)

No-load hover time: 17 minutes (take-off weight 48 kg)

Hovering time with full load: 7 minutes (take-off weight 88kg)

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## power system motor

### model

A45

### Maximum pulling force (single motor)

45 kg

### Stator size

136 × 27 mm

### Rated power (single motor)

4000 watts

### KV value

78 rpm/V

## ESC

### model

VC13200

### Rated working voltage

56.4 volts

### Maximum continuous operating current

200 A

## foldable propeller

### model

P4718

### Diameter×Pitch

47 × 18 inches

# XAG® Revospray 2

### Core spray system size

949 × 735 × 473 mm

## Spray Tank

### Rated capacity of Spray Tank

40 liters

### Margin detector

liquid level sensor

## Centrifugal atomizing nozzle

### quantity

2

### Disk speed

1000 ~ 16000 rpm

### Atomized particle size

60 ~ 400 microns (subject to spray flow, environment, etc.)

### fan

5 ~ 10 meters (depending on flight speed, flight altitude, usage per mu, environment, etc.)

## High frequency pulse peristaltic pump

### quantity

2

### Voltage

50 volts