



C-75 Fregata



Payload up to 50kg

Revolutionize Heavy Cargo Delivery

Introducing the C-75 Fregata, Alphaswift's advanced 50kg heavy cargo delivery drone. Engineered for efficiency and reliability, the C-75 Fregata is designed to handle large payloads with ease, making it an ideal solution for delivering essential goods across challenging terrains.

 <https://alphaswift.com>

 hello@alphaswift.com

 +603 8311 9385

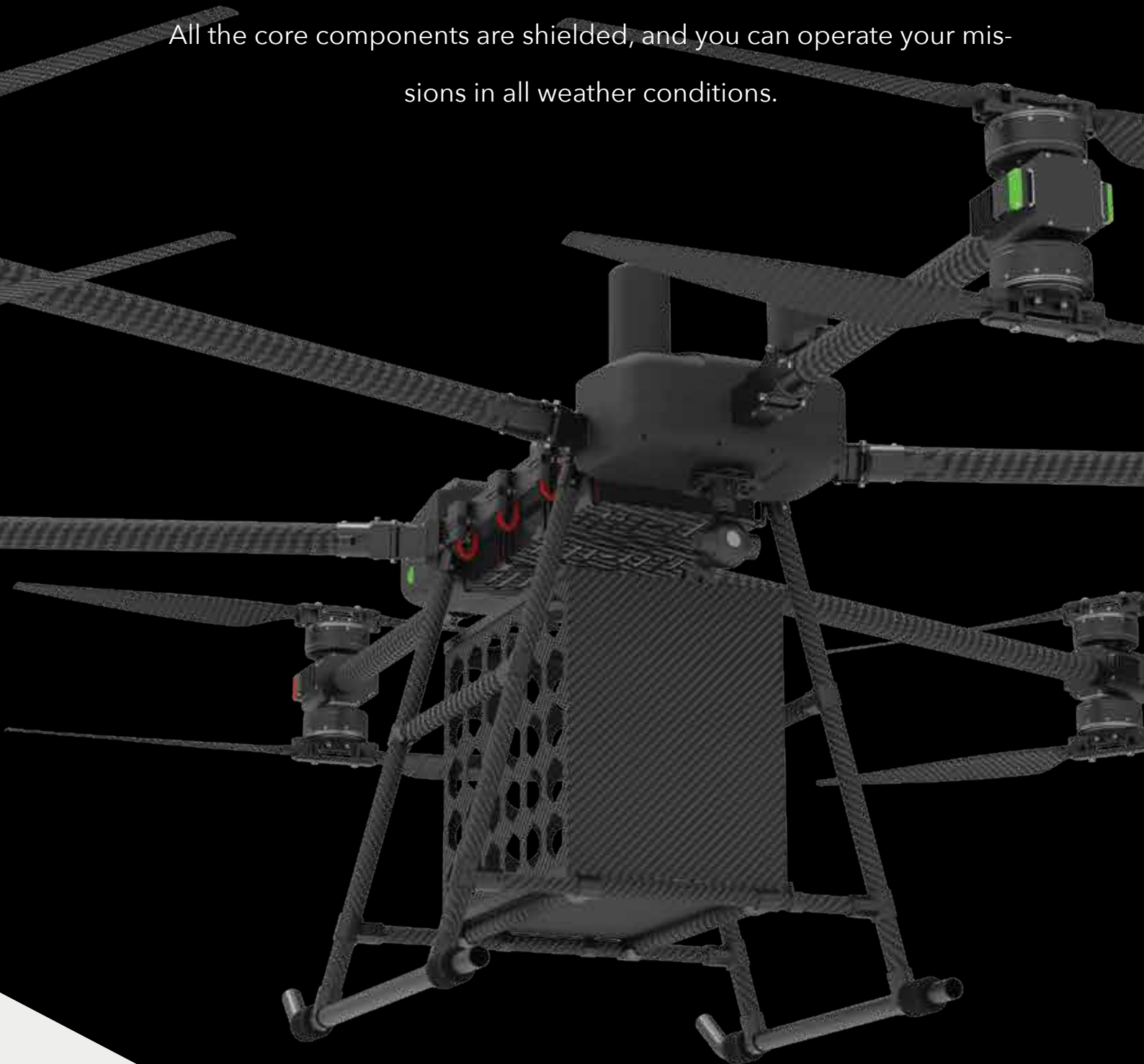


Built-in Safety Features

C-75 Fregata heavy cargo delivery UAV system is a complete solution that is operating via mavlink protocol. The C-75 Fregata is super high strength and rigidity, thanks to the foldable design makes the drone easy to transport and deploy quickly. Equipped with 3pcs 66000mAh battery and 48inch propeller, the endurance comes 22 minutes with 50kg of payload.

Water and Dust Resistant

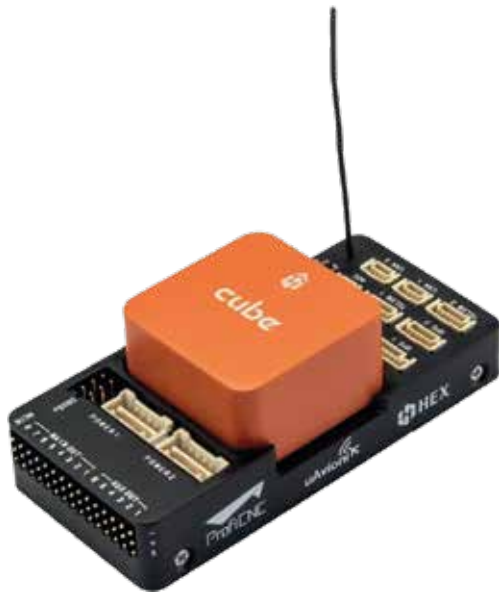
The multipurpose drones C-75 Fregata is built to work in tough environments. Water and dust resistance are designed for these machines. All the core components are shielded, and you can operate your missions in all weather conditions.





Foldable Propeller for Storage

Transporting, unpacking, and assembling is a big part of any drone mission. The C-75 Fregata is designed to be deployed without any installation, for the quickest deployment and transportation. Get the C-75 Fregata working right away, saving mission critical time.



Advanced Flight Controller

Powered by Pixhawk Cube Orange, our multicopters are capable of operating autonomously without any pilot input. The Pixhawk Cube Orange is an NDAA compliant, Executive Order 13981 Compliant autopilot flight controller, authorized for usage for the US Defence. Have all kinds of customized unmanned missions and operations built to your specifications.



Heavy Duty Ground Control Station

Go with the Skydroid H16 Pro Ground Control Station to ensure the highest data security. Encrypted data only for your information, and not to any other third party apps or unknown entities. Stream datalink and HD videos up to 15 km.

Specifications

C-75 Fregata

Structure

Material

Carbon Fiber

Wheelbase

2990 mm

Propulsion

Motor

Industrial brushless motor

Propellers

48inch

Max Payload

50kg

Battery

14S 66Ah Battery x 3 units

Autopilot Software

Ease of Use

Autonomous Operation

Easy Calibration

Auto Tuning

Performance

Operating Temperature

-10 - 40 °C

Navigation System

GPS

Obstacle Avoidance (Optional)

Terrain Following (Optional)

Navigation Sensors

GPS Antenna

Camera

Radar

RTK GPS (Optional)

Failsafe RTL Condition

Low Battery

Transmission Loss

Ease of Use

Geofence

Auto Waypoint Following

Real-time Data and Video

Interchangeable Payload

Night Light (Optional)

Max. Payload Weight

50 kg

Max. Cruising Speed

5 m/s

Max. Decent Speed

3 m/s

Max. Climbing Speed

15 m/s

Wind Resistance

12 m/s

Max. Distance

15 km

Max. Hover Endurance

22mins (with 50kg payload)

Remote Control/ Ground Control Station

Operating Frequency

2.4 GHz

Max Range

15 km

Camera

Weight

530 g

Size

108 * 86.2 * 146.3 mm

Yaw / Pan

±300°

Pitch / Tilt

-45° - 90°

One-key to center

Support

Output

micro HDMI(HD output 1080P 60/30fps)

Control method

PWM / TTL / SBUS

Image Sensor

1/3 inch CMOS

Total Pixel

4MP

Effective Pixels

2688*1520



Service

Maintenance, repair and overhaul provided
Spare parts are in stock



Address

G-C, Block 2330, Century Square,
Jalan Usahawan, Persiaran Multimedia,
63000 Cyberjaya, Selangor, Malaysia



Contact Number

+603 8311 9385
+6014 946 4896



Email Address

hello@alphaswift.com



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