

# DRAGONFISH

MOVE BEYOND CONVENTION, COMMAND THE FUTURE

**2000M**

Infrared detection range

**18.6 MILES (30KM)**

Max Video  
Transmission Range

**5 SECOND**

System Boot and  
Self Check

**120 MINUTES**

Endurance

**4K 20x**

Stabilized Optical zoom

**3 MINUTES**

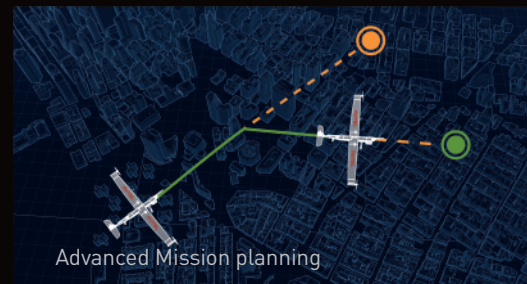
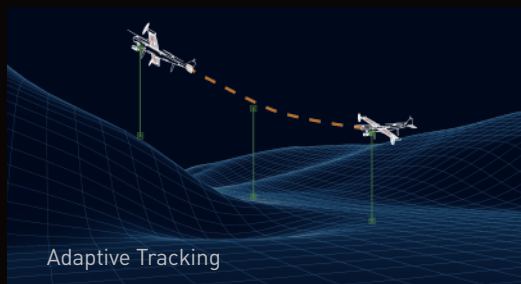
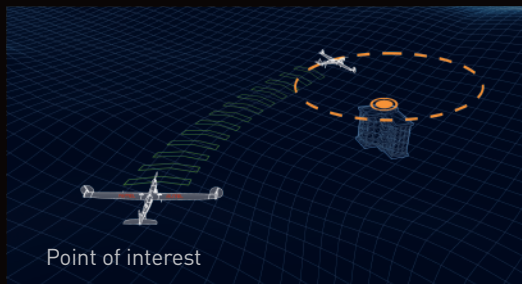
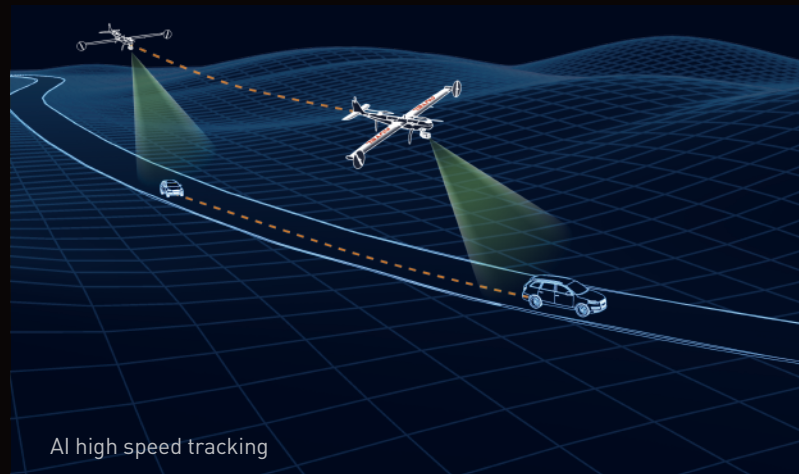
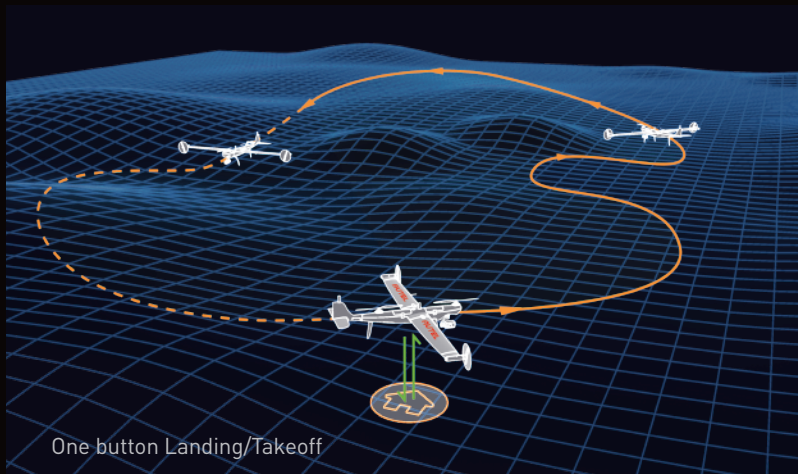
Quick Assembly



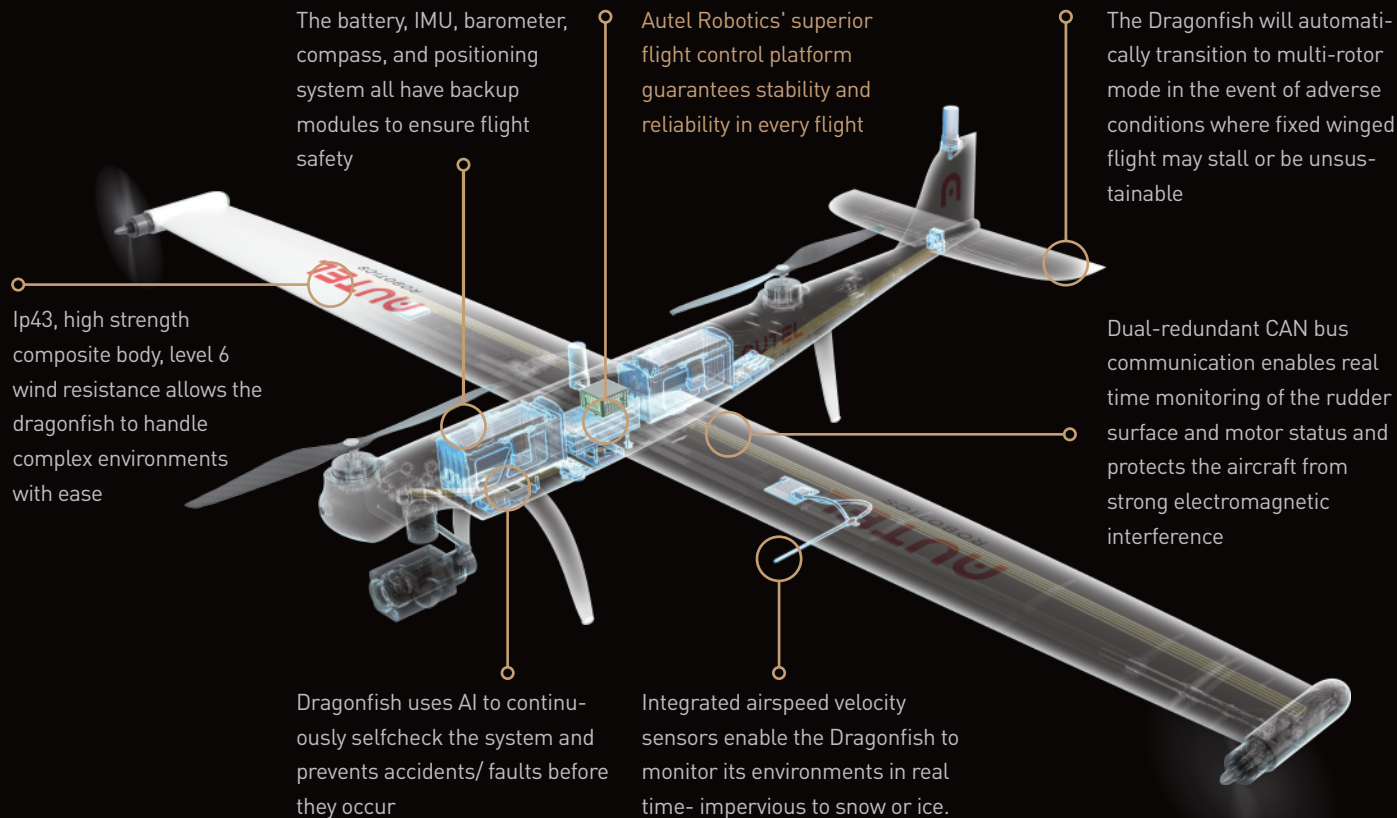
# INTELLIGENCE AND AUTONOMY

The Dragonfish comes with a variety of automated functions to streamline and simplify mission tasks.

Advanced algorithms add an additional layer of consistency and simplicity for the user workflow.



# SAFETY AND REDUNDANCY



# INTERCHANGEABLE PAYLOAD SYSTEM

The Dragonfish comes with a variety of payload options that can be changed rapidly to suit mission needs or to offer future expandability and versatility



## 4K Dual Sensor

- 4K 20x stabilized Optical Zoom
- 48 MP Wide Angle
- 3-Axis Gimbal



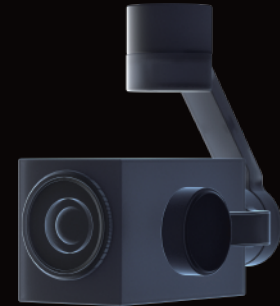
## Triple Sensor

- 4K 20x stabilized Optical Zoom
- 48 MP Wide Angle
- 640x512 Radiometric Thermal
- 3-Axis gimbal



## Multispectral

- 1 RGB Wide Angle ( 48 MP)
- 5 multispectral sensors (2MP)



## Third Party Payloads

Autel's Payload SDK (PSDK) allows third party users to develop unique payload solutions quickly and efficiently for different mission scenarios and applications.



# PROFESSIONAL SOFTWARE SOLUTIONS

## Autel Voyager

Autel Voyager is specifically designed for the dragonfish for industry specific applications. The software provides advanced mission planning, intelligent tracking, flight history tracking, and other autonomous features. Simple to use yet incredibly powerful, Autel Voyager is the one stop solution for every mission.

## 9.7"1000NIT ultra-bright Ground Control Station

The high resolution (2048\*1536), 9.7 inches, ultra-bright (1000 nits) TFT-LCD touchscreen ensures maximum visibility and practicality in all situations.

Autel Ground Control Station is water, dust, and water resistant. Autel Robotics' new antenna design allows the video transmission to reach up to 18.6 miles (30km)

The Autel Robotics ground station controller has a battery life of up to 6 hours and can be operated indefinitely with a remote power source



# COMPACT AND PORTABLE

The Dragonfish can be easily disassembled by a one man team and will fit in the back of typical car trunks.

The entire system can be assembled without tools in 3 minutes.



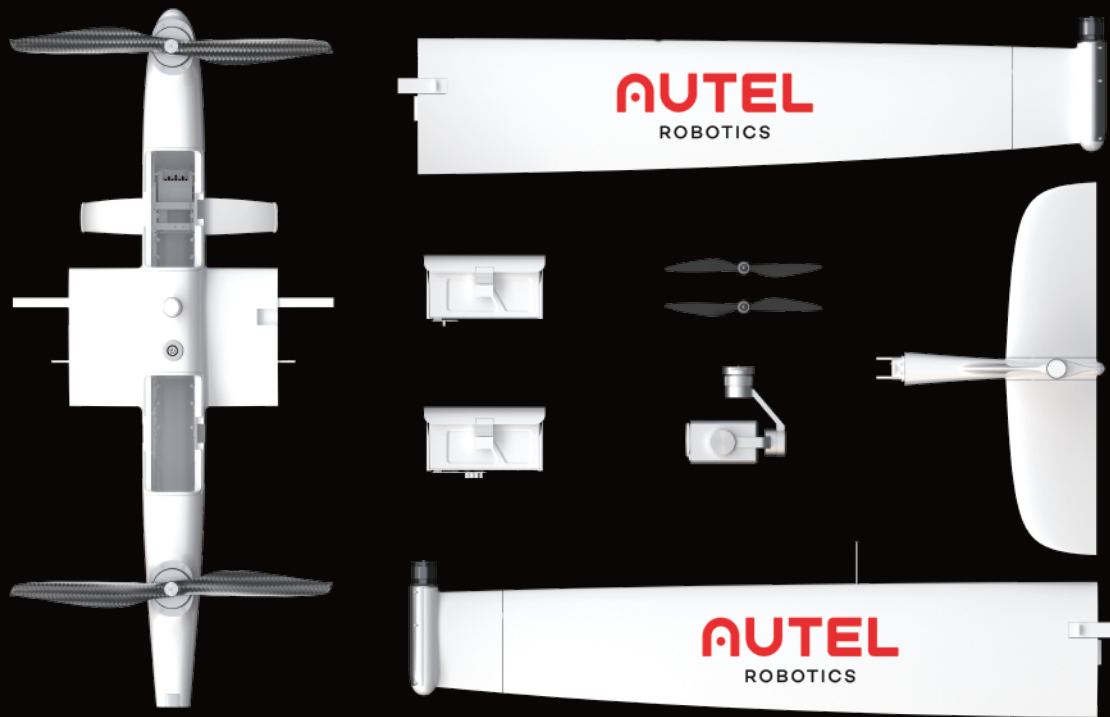
The Dragonfish's fuselage is highly modular for easy packing and repair



The entire system self-checks in 5 seconds upon startup and is ready to fly immediately after



Tool-Free Quick Release Propellers



# TECHNICAL SPECIFICATIONS



Wingspan 7.9ft (2.3m)  
Length 4.2ft (1.29m)



Height 1.5ft (0.46m)

**120 min**  
**endurance**

(with standard payload)

**18.6 Miles**  
**(30KM)**

Video Transmission

**67 mph**  
**(108km/h)**

Max Speed

**17.2lb ( 7.8)**

Takeoff Weight

**Level 6**

Wind Resistance

**-4~131°F**  
**(-20~50°C)**

Operating Temperature

**3.3 lbs**  
**(1.5 kg)**

Max Payload

**19685 ft**  
**(6000m)**

Service Ceiling

**14763ft**  
**(4500m)**

Highest Transition Altitude

**IP43**

Rating System

**3 minutes**

Quick assembly

**1 cm +1 ppm**

Positioning Accuracy

**AUTEL**  
ROBOTICS

**AUTEL**  
ROBOTICS



ROBOTICS



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