

AT-CLAW - PAYLOAD RELEASE DRONE

A VERSATILE, COST EFFECTIVE AERIAL WORKHORSE, AT THE FOREFRONT OF LIFE-SAVING INNOVATION

With its impressive payload capacity, fast deployment capabilities, stable flight and ease of operation, the AT-Claw drone provides the necessary strength to transport essential medical supplies, equipment, and emergency packages with swift precision. From life-saving medications and sterile supplies to lightweight medical devices, this aerial workhorse ensures that vital resources reach those in need faster than ever before.

Developed in conjunction with TRX-Works, the AT-Claw is a versatile, all-around drone packed with features and developments which have evolved through extensive engineering that is an ideal platform for specialist users.



FEATURES AT A GLANCE

- 30 minutes flight time
- Payload up to 5kg
- Flight range up to 5km/3miles
- AES-256 encryption
- Pixhawk flight controller
- Integrated LCD status panel
- Bespoke payloads

SPECIFICATIONS



Max Flight Time	30 mins
UAV Empty Weight	4254g
UAV Weight Incl Batteries	7170g
Payload Capacity	5000g
UAV MTOW	12170g
Max Flight Speed	35mph (56km / h)
Max Wind Resistance	20mph (32km / h)
Max Service Ceiling	5000m ASL
Operating Frequencies	915 MHz (Worldwide) 433 MHz (Europe) 5.8 GHz (Herelink Ground Station Only)
Operating Range	Standard - 1.5 mile (2.4 km) With Herelink - 3.0 mile (5 km)
Battery Type	Lithium Polymer (LiPo)
Battery Capacity	2 x 10,000mAh
Battery Voltage	22.2V
GPS	uBlox M9N
GPS Constellation	GPS, GLONASS, Galileo, BeiDou
Rangefinder LIDAR Accuracy	+ / - 4cm
Rangefinder LIDAR Range	0 - 12m
Compass	RM3100
Redundancy	2 Accelerometer / 2 Gyroscopes / 1 Mag
ADS-B (Cube Only)	uAvionix 1090 with 12 mile (20 km) range

FLEXIBILITY

The AT-Claw is available in several standard equipment bundles to suit your user needs. Numerous options, upgrades and spares are also available. The 5 kg payload also offers users the opportunity to create a bespoke payload to meet their requirements. Amber Tiger can offer a custom payload development service.

