PDW

C100
Multi-Mission Platform

The Ultimate Force Multiplier.

The C100 is a portable, packable sUAS with industry-leading flight time. It supports long-range ISR and cargo transport with its swappable payloads, open architectures, and hands-free autonomy features. The design of C100 centers around universal payload integration, allowing it to support EO/IR, thermal, custom payloads, munitions release devices, and other purpose-built solutions.

ISR

PAYLOAD DELIVERY

MUNITIONS

⬤PDW C100 Multi-Mission Platform

C100 is equipped with military-grade payloads, world-leading drivetrain, and Blue-UAS approved avionics to deliver the ultimate long-endurance organic ISR platform. Edge computing and a suite of autonomy features ease cognitive burden and provide hands-free functionality. Ruggedized IP54 design folds into the warfighter's rucksack for easy transport.

ISR

PAYLOAD DELIVERY

SURVEY, PATROL & PERCH

FEATURES	SPECIFICATIONS
Folded / Unfolded	24" x 15" x 8" / 64" x 65" x 11"
Weight	21.4 lbs (9.7 kg)
Max Payload Mass	Up to 10 lbs (4.5 kg) with Long Endurance Pack (LEP) batteries
Long Endurance Battery	74 Minutes with ISR Payload
Range	6.2+ miles (10+ km)
Cruise Speed	22.3mph / 36km/h
Max Speed	40 mph (64.8 km/h)
Wind Limits	30 mph sustained, 40 mph gust - ISR configuration 25 mph sustained, 35 mph gust - up to 5lbs gross payload weight 20 mph sustained, 30 mph gust - up to 10lbs gross payload weight
Night Operations	Zero light emission mode // IR LEDs + Strobe Lights
Acoustic Signature	61dB @ 5m away / non-audible at 600 meters
Autonomy	Visual Point Hold, Collision Prevention, Object Detection
Compute Core	Modal Ai's VOXL1 Qualcomm 812 + optional Nvidia Xavier NX
Weatherization	IP54
Supply Chain	NDAA Compliant / Blue UAS

C100 PERFORMANCE

- 20 mph
- Hover

80 min
70 min
60 min
50 min
40 min
30 min
20 min
10 min

2 lb   4 lb   6 lb   8 lb   10 lb

BLUE U A S

NDAA COMPLIANT