RedDragon®

Red Dragon® is a fully autonomous capable, software-defined, unmanned aircraft system (UAS) designed for one-way attack missions in high-threat, GPS-denied and communications-degraded environments. Designed for manufacturing at scale, Red Dragon enables mass production, rapid deployment, and simplified logistics to meet operational demands. It is optimized for cross-domain use—across air, land, and maritime—and is designed so small teams can be trained quickly and effectively. Red Dragon is designed to penetrate contested airspace and operate effectively in denied, disrupted, intermittent, and low-bandwidth (DDIL) environments. The system is capable of autonomous execution of mission objectives without reliance on continuous operator input or satellite navigation.

One Way Attack

Red Dragon delivers a combination of autonomy, electronic warfare resilience, and tactical flexibility previously unavailable in its class. Red Dragon's architecture allows for rapid capability evolution to respond to emerging challenges that are anticipated in the future of autonomous system warfare.

_Distinctions

RANGE
400+ km

PAYLOAD CAPACITY
Up to 10 kgs

SETUP TIME
Less than 10 minutes

LAUNCH RATE
5 per minute

_Key Features

› Full-mission autonomy capable with onboard decision-making

› GNSS-independent navigation

› Resilience to electronic warfare and spoofing

› Software-defined payload control and system behavior

› Open architecture for 3rd party software/ algorithms, C2 integration, and future scaling

› Designed for mass production readiness with modularity and affordability for sustainable operations

Easy to assemble, simple to use, push-button launcher

_Specifications

CRUISING SPEED	25 m/s, exceeding 45 m/s during terminal phase
STANDARD PAYLOAD	Fully integrated GFE payload[1]
AUDIBLE SIGNATURE	Low
WEIGHT	AUR 45 lbs
[LOGISTICS]	
AIRCRAFT TRANSPORT CASE	(Qty 3 aircraft per) 97 lbs, 81"x22"x23"

1. Details of the payload to be discussed only at a high level, specifics available in the appropriate forum and gov2gov connection available.