



# AETHON

LED anti-collision lights and ADSB for situational awareness and collision avoidance.

Highly efficient, heavy lift **motors** with triple bearing support for long service life. Dynamically balanced carbon fiber **propellers** for increased responsiveness.

Redundant safety systems including independent **parachute**, rated for max payload, with dual deployment methods.

20x zoom, EO/IR stabilized gimbal **camera** with target tracking. Video feed downlinks securely over tether.

Proprietary, high powered **tether** with GigE fiber optic communication. Active tether management currently configured to 150 meters maximum altitude.



**KROTOS**  
FROM STRENGTH TO SUCCESS





## Capabilities

Payload agnostic  
Long endurance  
RF-Dark Capable



## Mission Concepts

C5 - Mesh radio network provides resiliency and extends range with altitude. High bandwidth data link over tether

SIGINT - Detects UAS C2 and telemetry, Wi-Fi, and cellular. RF-Dark capability for contested environment

ISR - Persistent aerial coverage, multi-spectral imaging, laser designation, and range finding

Elevated Sensor - Extended range and vertical profiling of HPM, CBRNE, meteorological, or other applicable sensors

Radar - Altitude reduces environment obscuration and ground effects while increasing effective range



## Performance

Scalable, proprietary, hybrid power system for short and long endurance  
Tether provides command, control, telemetry and payload communication  
High lift capability expands payload options

Maximum Gross Weight	55 lbs
Maximum Payload Weight	20 lbs
Operational Altitude	150 m



## Full System

Aethon UAV  
Fiber optic tether  
Ground control station  
-Tether management system  
-Mission control computer



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