



BASILISK®

UAS Detection and Tracking

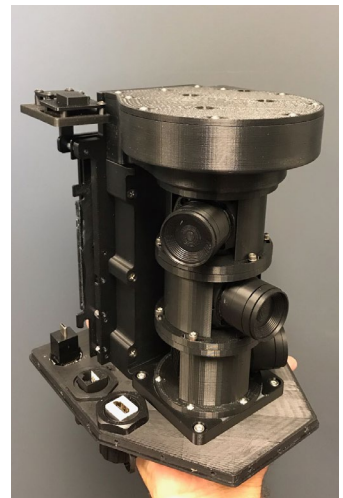


UAS threat is pervasive and complex filling these missions

- ISR
- Decoy
- Indirect weapons deployment
- Direct weapon delivery
- Comms relay
- Swarms

Key Features

- Detection and tracking in high clutter environments
- Man portable – low SWAP-C
- Rapid deployment by a single person
- Employment over a long distance in small vehicle or by an individual
- Self-contained
- Rugged packaging
- Low Cost



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Technical Specification

Pixel Size	3.45 um
FOV	180 × 47 degrees
IFOV	288 μrads
Frame Rate	5 Hz
Detection Range	> 1 km DJI 1
Size	9.7 x 7.3 x 6.2 inches
Weight	10 lbs
Power	150 W (Max)
Voltage	9-50 V DC

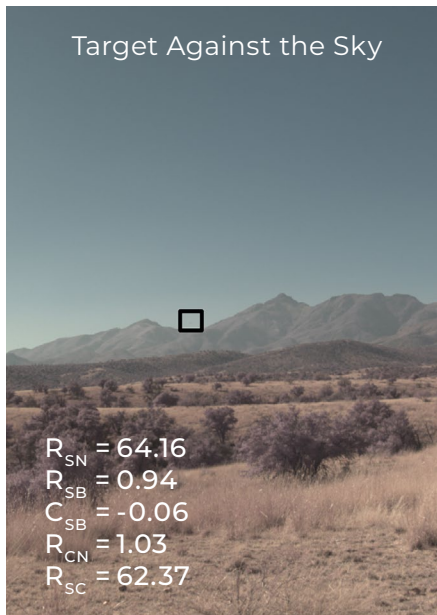
Simultaneous Drone Detection



Areté provides a compact low-cost passive solution

Robust Detection in Variable Clutter

Target Against the Sky



Target Against the Mountain

