

## AVID EDF-8

### *Reducing Inspection Risk and Expense*

Examines structures thoroughly, quickly, and safely, saving time and protecting your most valuable asset – PEOPLE.

#### *Safe deployment in dangerous areas*



**Assess any situation** with AVID EDF-8, a micro-aerial-robot (UAV) designed to navigate in tight spaces. This lightweight vehicle requires little storage, can deploy in minutes, increases inspection efficiency, allowing safer and cost efficient tower evaluation. The sensors attached to the MAV can be controlled by a ground station, is easy to use and **directly streams live video to the experienced inspector and central office** for on-the-scene determination.

The soccer-ball-sized vehicle can carry up to a 1 pound payload (video camera, infra-red camera, walkie-talkie). The ducted-fan is shrouded, allowing for **quiet & safe operations** and can be transported in any vehicle. EDF-8 can be customized to meet any usage requirement, and takes off and lands vertically. Because of its size, it can **inspect areas from any angle** that most vehicles can't get to due to obstructions.

Helicopters are used in some inspections, causing personnel to hang outside of the manned vehicle or climb high towers that can cause peril to inspectors. Aerial-robots are able to **fly closer** and around towers to collect images and data **without risk of line damage**. EDF-8 is an onsite tool that can get the job done quickly and safely. **Existing personnel can be retrained** to operate and complete inspections without extraneous set up.

EDF-8 hovers - looking at the target for **extended inspections**. It's unique ducted-fan design makes it easy to deploy, safe for operations, and more **cost effective** than other comparable UAV platforms.

# AVID EDF-8

*Solution for Dull, Dirty, Dangerous and Vertical Jobs*



## FEATURES

- Easily Portable
- Indoor and Outdoor Use
- Wireless Data Link
- Quiet Hover and Stare
- Vertical Takeoff and Landing
- Accommodates Inspection-Specific Payload
- Autonomous or Remote Operated
- Sets Up in Minutes

## SPECIFICATIONS

- Basic Payload: Video & High Res Images
- 1lb. Payload
- .62 Mile Range
- 10-in. Diameter
- 30 Minute Endurance (Battery can be changed)
- 3lb. Maximum Weight (with payload)
- 0-500 ft. Operating Altitude
- Customizable for Specific Needs



Better Geometry  
Better Models  
Great UAVs



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