

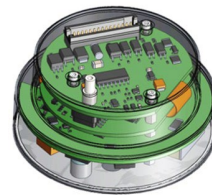


The FireFly™ ESAD is a small stepped cylinder, weighing less than .035 lbs

Can be readily adapted to small UAS type munitions

Does not contain microprocessors, software or programmable logic

Has three methods of firing



The FireFly™ ESAD is powered by the weapon system power or battery

FireFly™ was developed with unique and robust Safety Environments that are customizable to meet customer requirements

Live-fire munition and flight tests have demonstrated full and repeatable capability

Designed for miniature air-dropped munitions, but modifiable to meet other applications

For sales information contact:

Business Development
860-632-1000
sales@fuzing.us

Precision Fuzing & Sensors
217 Smith St.
Middletown, CT USA 06457

FireFly™ Characteristics

- Arm Time Delay: > 6 second arming delay initiated when launch is detected to assure Safe Separation from the platform. This can be modified to meet application requirements
- Fuze Logic Separation: Fuze power and weapon logic signal grounds are optically isolated from each other
- Operating Temp: -40C to +80C
- Selectable Fire Signal:
 - Height of Burst (HoB) TLL Fire Signal
 - Internal Impact Sensing G-Switch
 - Short Impact Function Delay for Mild Penetration Capability



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Features

- High output Low Energy Exploding Foil Initiator (LEEFI) device to directly detonate the warhead - no lead or booster charges required in explosive train
- Three selectable methods to initiate FireFly™; Height of Burst, Impact and Post Impact Delay
- FireFly™ is considered at TRL-6 / TRL-7 level maturity
- Designed to meet MIL-STD-1316