


## DA3000 Series - FPV Drone Munition

Optical or  
Doppler type  
Proximity Fuze



**EFV Hybrid | Anti-Personnel | Thermobaric  
S8-COM Cumulative-Fragmentation | Incendiary**

The DA3000 Series is a next-generation family of precision warheads engineered specifically for FPV strike drones. Each variant integrates an advanced initiation system with a high-speed detonation chain, delivering fast, predictable and controlled effects against a wide range of targets.

All DA3000 warheads employ multi-layered safety architecture, combining dual independent mechanical locks with several electronic safety barriers. This ensures outstanding operational reliability and prevents unintended activation under demanding environmental and mission conditions.

Initiation can be triggered through three redundant actuation channels:

- Proximity - Doppler or IR non-contact sensor
- Impact - Inertial / Impact sensor
- Command - Remote activation by the operator

The fuze connects to the drone's flight controller via MAVLink or other standard communication protocols.

### **EFP Hybrid (DA3000EFPH)**

#### Cumulative-Fragmentation Warhead

- Warhead weight: 3.0 kg
- Diameter: 95 mm
- Length: 300 mm
- Explosive fill: RDX / Composition B – 1000 g
- Armor penetration:  $\geq 100$  mm (entry hole  $\geq 50$  mm)
- Fragmentation damage radius:  $\geq 10$  m; density  $\geq 15$  pcs/m<sup>2</sup>

#### Fuze System

- Type: Electronic multi-mode high-speed fuze
- Sensor input: Doppler or IR proximity sensor
- Fuze mode: Impact / Proximity / Operator command

#### Safety & Arming

- Multi-layer electronic safeties
- Dual independent mechanical locks
- Logic for safe handling and transport

#### Actuation Methods

- Proximity activation (Doppler or IR)
- Impact activation
- Remote operator command

#### Platform Compatibility

- Optimized for FPV “kamikaze-type” drone platforms
- A dual-effect warhead designed to defeat armored and semi-armored targets while delivering effective fragmentation.

### **Anti-Personnel (DA3000F)**

#### High-Density Fragmentation Warhead

- Warhead weight: 3.0 kg
- Diameter: 95 mm
- Length: 300 mm
- Total fragment mass: 1.4 kg (steel)
- Individual fragment weight: 0.5–2 g (per customer requirements)
- Explosive fill: RDX / Composition B / TNT - 600 g
- Damage radius:  $\geq 10$  m; density  $\geq 20$  pcs/m<sup>2</sup>

#### Fuze System

- Type: Electronic multi-mode high-speed fuze
- Sensor input: Doppler or IR proximity sensor
- Modes: Impact / Proximity / Operator command

#### Safety & Arming

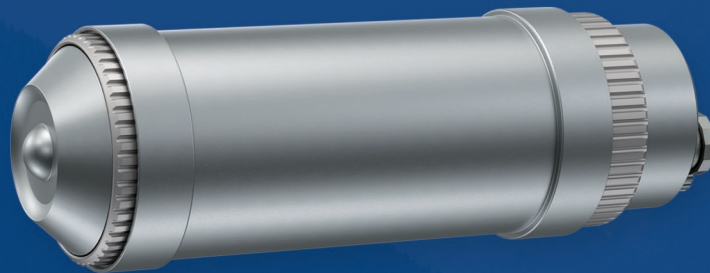
- Multi-layer electronic safeties
- Dual independent mechanical locks
- Logic for safe handling and transport

#### Actuation Methods

- Proximity activation (Doppler or IR)
- Impact activation
- Remote operator command

#### Platform Compatibility

- Suitable for FPV “kamikaze-type” drone platforms
- Purpose-built for maximum lethality against personnel and light equipment.



**Specifications are provided for informational purposes and may be updated as part of ongoing product development.**