

Destinus'

Warheads & Initiation
Systems

Destinus[®]

Destinus Kinetics designs and manufactures warheads and initiation systems for unmanned strike and counter-UAS platforms, with full European OEM payload ownership. Our solutions are engineered for predictable effects, safety by design, rapid integration, and scalable European production.

Destinus is a European defence manufacturer built for the age of mass-produced threats, developing cruise missiles, loitering munitions, and kinetic interceptors designed for industrial tempo.

Features:

- Military payloads designed for operational conditions
- End-to-end warhead and fuze system design and development
- Safety aligned with STANAG criteria
- Integration-ready solutions across multiple platforms
- Scalable, industrialised European production

Missions supported:

- Unmanned military payloads
- Counter-UAS interception payloads
- Area effects and denial missions
- Light armour and protected targets
- Integration of safe-and-arming and fuzing chains

L10 F Warhead

UAV-optimised fragmentation warhead for wide-area effects

Optimised fragmentation matrix design

Designed for lightweight, wide-area strike missions

Safety-oriented design for UAV deployment

L10 F is a fragmentation warhead designed for UAV applications with limited payload capacity and for the engagement of exposed, unarmoured, or area-distributed targets. The warhead generates fragmentation effects without reliance on penetration or target structural failure. L10 F is intended for one-way strike missions where range, payload integration constraints, and consistent functional performance are primary mission parameters.

TYPE	Fragmentation warhead
MASS	< 30 kg
PLATFORMS	• Loitering munitions Strike UAVs
TARGET SET	• Unarmoured targets • Logistics nodes and area denial operations • Light infrastructure • Forward field positions



L10 A Warhead

UAV-optimised light armor penetration warhead

Optimised for light armor and protected targets

Combines penetration with dense fragmentation

Designed for UAV and loitering munition integration

L10 A is a warhead designed for engagement of hardened and protected targets. The warhead is capable of breaching an initial structural layer and is designed for the engagement of fortified positions, protected structures, and light armoured vehicles.

TYPE	Penetration-fragmentation warhead
MASS	< 30 kg
PLATFORMS	• Loitering munitions Strike UAVs
TARGET SET	• Armoured targets • Logistics nodes and area denial operations • Light infrastructure • Forward field positions



Destinus

Electromechanical Safe & Arming Solutions

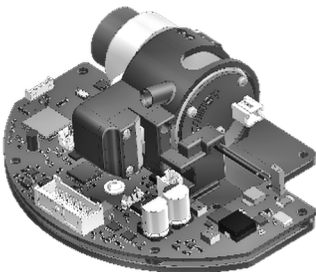
Safety-by-design for unmanned strike payloads

Arming control fully synchronised with live UAV flight state

Improved safety during handling and operation

Aligned with NATO safety standards

Destinus Safety & Arming Device V1

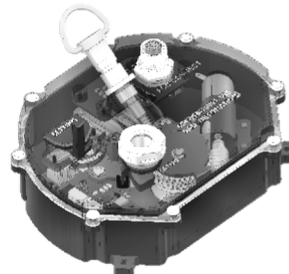


The Destinus Safety & Arming Device V1 is designed for forward assembly within unmanned aerial payloads. It provides controlled arming and initiation functions and interfaces directly with the flight computer system. The fuze supports multiple sensing and command inputs, enabling adaptation to different mission profiles and payload configurations.

Key Features

- Electronic fuzing and initiation control
- Integrated impact sensing capability
- Interface with UAS flight computer systems
- Designed for modular payload architectures

Destinus Safety & Arming Device V2



The Destinus Safety & Arming Device V2 is designed to provide physical control over the arming state of unmanned payloads. The device ensures that the primary explosive remains out of line with secondary energetic components until authorised arming conditions are met. It features an enclosed design intended to improve safety and survivability and is developed in accordance with STANAG 4,187 design guidelines.

Key Features

- Electromechanical safe-and-arming functionality
- Multiple independent safety features
- Enclosed electronics and energetic components
- Designed for NATO-aligned safety compliance

Destinus FIB

Platform-controlled interface for safe and adaptable payload triggering

Single interface for all trigger inputs

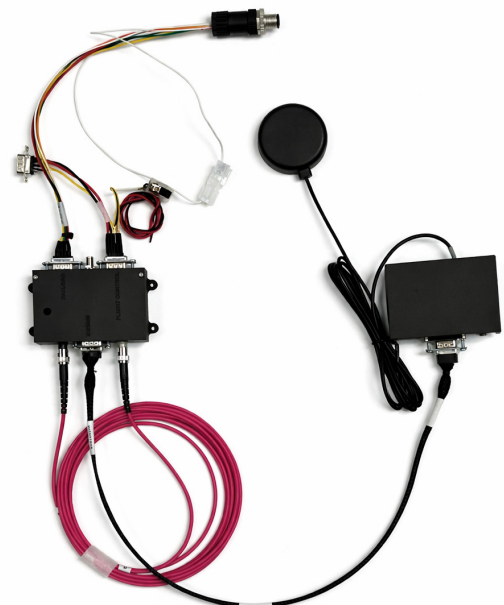
Platform-controlled trigger gating

Multi-mode triggering without rewiring

The Fuze Interface Board (FIB) is positioned between the flight computer, onboard avionics, and the payload, providing the platform with control over trigger timing and mode selection. Trigger inputs from impact or proximity sensors, as well as signals from communication modules, are routed to the FIB. The FIB applies trigger logic and safety gating and, upon validation, issues a fire command to the fuze.

This architecture provides a single integration interface between avionics, the FIB, and the fuze, supporting multiple trigger modes without hardware modification. Configuration is performed via software, allowing the same FIB to be adapted to different payloads.

MODEL	Fuze Interface Board (FIB)
FUNCTION	Avionics-to-fuzing integration harness
PLATFORMS	Strike UAVs Loitering munitions



Warhead H450 DF

Lightweight directional C-UAV warhead

Focused directional fragmentation

Optimised for rapid counter-UAS operations

Safety and predictability-by-design

H450 is a directional warhead designed for counter-UAS intercept missions. The warhead directs fragmentation forward along the intercept axis, concentrating effects on the target. Fragmentation is intended to damage critical UAV components, including the airframe, control surfaces, propulsion system, sensors, and onboard payload, resulting in target neutralisation.

A cone-shaped fragmentation pattern supports controlled engagement geometry while limiting the spread of effects outside the intercept volume, making the warhead suitable for operations in proximity to critical infrastructure.

TYPE	Directional fragmentation warhead
MASS	< 1.5 kg
PLATFORMS	<ul style="list-style-type: none">UAV interceptors Strike UAVs
TARGET SET	<ul style="list-style-type: none">Loitering munitions and one-way attack UASISR dronesSmall rotary-wing UAS



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Subject to applicable export controls and end-use restrictions.

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