

M209 HEP (RF) - SkyBurst

30×173mm High-Explosive Proximity Counter-UAS Cartridge



An advanced Counter-UAS (C-UAS) solution, the M209 30mm High-Explosive Proximity (HEP) cartridge, integrates advanced autonomous sensing and high-precision lethality, to deliver superior performance on the battlefield. Following firing, the round switches to fully autonomous operation, scanning its forward hemisphere to detect and lock onto targets in real-time. The cartridge detonates at the optimal point of engagement, dispersing high-energy fragments for maximum neutralization effectiveness.

Elbit Systems™

Land

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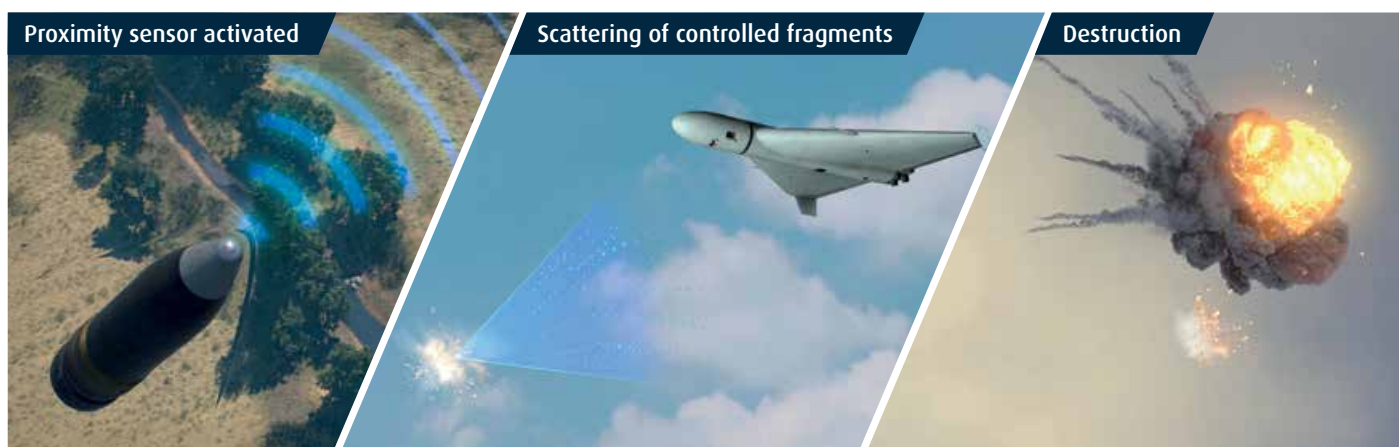
Operational Capabilities

Designed for land and naval platforms and fully compliant with STANAG 4269, the M209 provides a versatile solution for a wide range of applications.

- **Counter-UAS:** Neutralizes small-to medium-sized UASs and drones in both offensive and defensive scenarios.
- **Force protection:** Enhances perimeter defense for ground units and installations through autonomous engagement of airborne threats.
- **Defense systems:** Integrates into weapon systems to counter low-flying drones and reconnaissance UASs.
- **Urban and asymmetric warfare:** Effective in complex environments where drones are used for surveillance, targeting, or delivery of explosives.
- **Border security and surveillance zones:** Secures national borders and sensitive areas.

Technical Specifications

Muzzle velocity	980m/sec
Velocity S.D.	10 m/sec
Effective range	150m-2,000m
Typical accuracy @ 1,000m	0.5‰
Operational mode	Proximity with self destruction
Safety range	>20m
Operational readiness	100m
Self-destruction time	<5 sec
Projectile mass	~460gr
Storage	Up to 15 years
Storage temp.	-46°C ÷ +70°C
Firing temp.	-46°C ÷ +63°C
Operational pressure	4,000 bar



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