

BURSTPOD-50

Capability Cut Sheet

SYSTEM OVERVIEW

BurstPod-50 is a compact, handheld counter-UAV system designed for rapid deployment against low-flying drones. The device uses a CO₂-powered propulsion mechanism to launch a mylar-based entanglement payload vertically, disrupting drone propellers mid-air. BurstPod operates without electronics, making it ideal for use in EW-contested or GPS-denied environments.

KEY CAPABILITIES

- **Mechanically activated** – no electronic signature.
- **CO₂ propulsion** – zero RF emission, safe for urban/tactical environments.
- **Streamer payload** – engineered for UAV rotor entanglement.
- **MOLLE-compatible** – for rapid deployment by dismounted personnel.
- **Reloadable and modular** configurations available.
- Operates in **GPS-denied and EW-jammed** areas.
- **Scalable** to vehicle- or turret-based launchers.
- Optional enhancements include **radar/heat reflective streamers, magnetiz**



TECHNICAL SPECIFICATIONS

Weight:	< 2 lbs (handheld model)
Dimensions:	Approx. 10" length x 2.5" diameter
Payload:	Mylar streamer bundle with anti-rotor entanglement design
Propulsion:	Compressed CO ₂ cartridge
Activation:	Pull-ring trigger (grenade-style)
Range:	Optimized for < 30 ft vertical deployment
Environment:	Operable in EW/GPS-denied zones
Mounting:	Integrated MOLLE interface (optional)

TACTICAL APPLICATIONS

- Base and airfield defense (CONUS/OCONUS) against low-altitude reconnaissance and kamikaze drones
- Mobile convoy protection from FPV and loitering munitions in rural or urban environments
- Swarm mitigation in environments where EW/jamming is ineffective or unavailable
- Urban and shipboard drone countermeasures, including non-lethal defense in tight quarters
- Training and simulation tool for drone interception drills and C-sUAS readiness
- Covert and deniable deployment where traditional countermeasures pose escalation risks

CONTACT

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