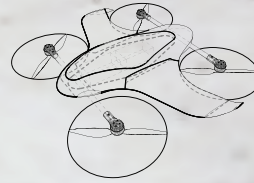




C-ASTRAL
AEROSPACE

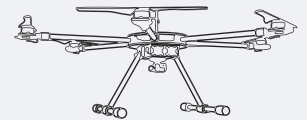
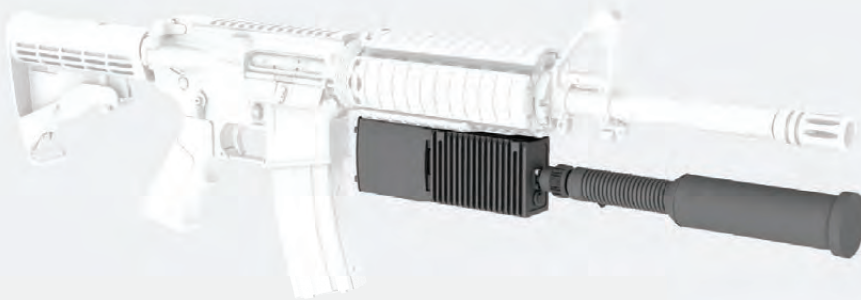
UNMANNED AIRCRAFT SYSTEMS



SIGNAL

GUARD

PPD
PERSONAL PROTECTION
DEVICE



The **SignalGuard PPD** is a compact, high-performance **personal protection jammer** designed to safeguard personnel by temporarily disrupting unwanted wireless communications **across a wide frequency spectrum**. Built for professional and controlled use, it delivers reliable signal suppression in demanding environments where secure and interference-free operation is essential.

- Frequency Range: 400 MHz – 6 GHz
- Output Power: 10 W – 20 W
- Effective Jamming Range:
 - Up to 500 m with 2 dBi OMNI antenna
 - Up to 10 km with 12 dBi LOG antenna
- Operating Voltage: 14 – 30 V DC
- Power Consumption: 20 – 50 W
- Battery: Uses MILSPEC PRC-148 battery
- Compact, portable design for field or vehicle use
- Wide-band jamming capability covering common communication and control frequencies
- Stable performance with adjustable output power levels
- Rugged power solution via MILSPEC PRC-148 compatibility — suited for military and professional deployments
- Suitable for security professionals and authorized technical operations

