

Drone Killer

Handheld Counter-UAS RF Sensor & Effector



Applications

The Drone Killer is ideal for Warfighters, Security Personnel, and First Responders requiring Anti-UAS technology.

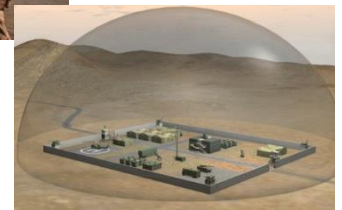
- Warfighter Protection
 - Mobile units - Strike Teams - Security Response Teams
 - Convoys - Checkpoints – Outposts - Remote Facilities
 - Tracking drones back to point of origin
- Security Personnel
 - VIP protection - Anti-Surveillance - Terrorism
- First Responders
 - Disables Interference and Surveillance – Controls Airspace
 - Assures Operations Safety – Allows Tracking



Deployment Examples

One or more Drone Killer units deployed per mobile team or convoy (lead and rear) operating in regions having uncontrolled airspace would provide an umbrella of UAS protection.

In fixed locations having automated counter-UAS electronic fence systems, deploying the Drone Killer can fill in any gaps identified in the system that are affected by line of sight or physical obstructions. This type of deployment would fill gaps in protection coverage, extend spots of range, and provide pursuit and takedown capabilities beyond the immediate radius of coverage.



Upon detecting unknown UAS activity, a Drone Killer unit would disable a UAS within a few seconds.

The Drone Killer is easy to use and requires minimal training and practice by an operator to disable a UAS.

TECHNICAL SPECIFICATIONS

Physical Configuration

- Size: 21.5" long, 9" Tall, 4" Wide
- Weight: <math>< 10</math> lbs. fully configured
- Compact PDW-style bullpup compatible with existing warfighter/security personnel load-out
- Picatinny rail top and bottom, optional side
- Ambidextrous standard sling points

Drone Killer Configurations

- 420 to 460 MHz by region
- 902-928 MHz ISM band
- 2.40-2.50 GHz ISM band
- 5.6-6.0 GHz ISM band
- GPS/GLONASS L1
- Range effectively limited by visibility (~400 m)

TECHNICAL SPECIFICATIONS – Cont.

RF Sensor Configuration

- 2 mile range for typical C2 and data signals
- Same ISM and unlicensed bands as Effector
- Detects 1270 MHz UAS video data.
- Categorizes as "UAS, ground station, or unknown"

Environment & Power

- -20 to +40° C operation, -40 to +85° C storage
- IPEC 5/5 blown fine particulate and water spray
- Drop shock, vibration, thermal cycle and shock
- Rated for 45 min. continuous effect enabling IED/CBRN assets to investigate downed UAS.
- Rated 6 hours continuous "sensor mode" operation.
- Rechargeable swappable Li-Ion battery and auxiliary 12V vehicle power plug for extended use.
- Integrated charging circuit accepts 9-21VDC input.