



PRODUCT DATASHEET

Product Name: Hand-Held Anti-Drone System

Manufacturer: STARBLINK TECHNOLOGIES PVT. LTD.

Overview

The Hand-Held Anti-Drone System is a portable detection and jamming solution engineered to counter hostile or unauthorized drones. Designed for military, law enforcement, and critical infrastructure protection, it provides rapid detection, precise jamming, and robust field performance in diverse operational environments.

Purpose

This system enables frontline personnel to detect, track, and neutralize drones within seconds. It is suitable for tactical deployments where mobility, quick setup, and high reliability are required to secure perimeters and sensitive areas against UAV threats.



Detection & Jamming Capability

S. No	Description	Specification
1.	Detection Range	Minimum 1.5Km
2.	Azimuth	360deg
3.	Elevation	20 deg or more
4.	Power	180V-240V AC
5.	Frequency Bands	2.4GHz, 5.8GHz and common
6.	Average Detection Time	Less than 10 Seconds
7.	Simultaneous detection Capability	05 Drones or more
8.	Operation	Battery standby more than 02hours Battery continuous operation Minimum 1 hours Power Adaptor-Continuous operation
Anti-Drone Jammer/Interceptor		
9.	Jamming Range	
10.	Jamming Frequency	
11.	Other Customizable Frequency Bands	Between 300 MHz to 2500MHz
12.	LED Display	Yes
13.	Software Control	Software Enabled Control Panel for defining active Jamming Frequency
14.	Operation	-Battery Standby more than 02hours -Batter continuous operation Minimum 1hours -Power Adaptor-Continuous operation
Power Supply		
15.	Battery	-Commercially available in India -Rechargeable Lithium Ion or Ni-MH



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		-Charger commercially available with AC
16.	Charging capability.	-Minimum four spare batteries
17.	Power Adaptor	Commercially available. -Operate on AC and DC -Cable length minimum 15 meters
Anti-Drone Detector		
18.	Operating Temp	-20°C to +40°C
19.	Construction	Strong, Rugged and Durable (As per mil Std 810G, JSS 55555 or equivalent standard).
20.	Carriage	Man portable
21.	Weight	Below 15Kg
22.	Dimensions	Less than 01 m x 50cm x50cm
Anti-Drone Jammer/Interceptor		
23.	Operating Temp	-20°C to +40°C
24.	Construction	Strong, Rugged and Durable (As per mil Std 810G, JSS 55555 or equivalent standard)
25.	Carriage	Man portable
26.	Weight	Below 10Kg
27.	Dimensions	Less than 01 m x 30cm x30cm
Accessories - Anti-Drone Detector & Jammer/Interceptor		
28.	Training Manual and user hand book	
29.	Illustrated spare parts list	
30.	Power Supply adapter	
31.	USB Cable/connector	
32.	Carrying bag	
33.	Warranty	Warranted by the manufacturer to be free of defects for a period of two years from date of delivery
34.	Service Life Shelf Life	Mean Time Between Failure not less than 10000 hrs operation
35.	User Training	in Situ by the vendor to minimum ten technicians
36.	Repair, maintenance & Support	Undertaking to be provided by the vendor that the repair support/provision of spares will be provided for out of warranty repair for a period of minimum five years on payment basis.

Key Features

- **Multi-Band Coverage:** Supports 2.4 GHz, 5.8 GHz, and optional customizable frequency bands for maximum countermeasure flexibility.
- **Rapid Response:** Detects and responds to drone activity in less than 10 seconds.
- **Portable Design:** Man-portable system with rugged construction for field operations.
- **Software-Enabled Control:** Integrated control panel allows quick jamming frequency selection.
- **Flexible Power Options:** Operates on rechargeable batteries or AC/DC power adaptor.



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Power & Operation

Parameter	Specification
Power Input	180–240V AC
Battery Type	Rechargeable Lithium-Ion or Ni-MH (commercially available in India)
Battery Standby	> 2 hours
Battery Continuous Operation	≥ 1 hour
Power Adaptor	Commercially available, AC/DC operation
Charging Capability	Minimum 4 spare batteries; charger included
Cable Length	≥ 15 m

Environmental & Mechanical

Parameter	Detector	Jammer/Interceptor
Operating Temperature	-20°C to +40°C	-20°C to +40°C
Construction	Strong, Rugged, Durable (MIL-STD-810G / JSS 55555 or equivalent)	Strong, Rugged, Durable (MIL-STD-810G / JSS 55555 or equivalent)
Carriage	Man portable	Man portable
Weight	< 15 kg	< 10 kg
Dimensions	< 1 m × 50 cm × 50 cm	< 1 m × 30 cm × 30 cm

Accessories

- Training manual & user handbook
- Illustrated spare parts list
- Power supply adapter
- USB cable/connector
- Carrying bag



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Warranty & Support

Parameter	Specification
Warranty	2 years from date of delivery
Service Life / Shelf Life	MTBF \geq 10,000 hrs
Support	Repair/maintenance support & spares for minimum 5 years post-warranty (on payment basis)
User Training	In-situ training for minimum 10 technicians by vendor

Conclusion

The Hand-Held Anti-Drone System provides a comprehensive, mobile countermeasure to UAV threats. Its fast detection, multi-band jamming, and rugged design make it ideal for military operations, law enforcement, and critical infrastructure protection where drone intrusion poses a significant risk.

For more details, technical support, or bulk orders:

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