# Anti Drone System Portable Drone Detection and Jamming Shield for Military and Government Applications

**Our Product Introduction**

## Basic Information

- Place of Origin: China, Thailand
- Brand Name: MYT
- Model Number: DR500-AB
- Minimum Order Quantity: 1 unit
- Price: Negotiate
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month

## Product Specification

- Detection Range: ≥2k
- Countermeasure Range: ≥2km
- Countermeasure Frequency Bands: 900MHz, 1.2GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz
- Standby Time: ≥20h
- Highlight: **Government Anti Drone System**, **Portable Anti Drone System**, **Military Anti Drone System**

## More Images

## Product Description

**Anti Drone System Portable Drone Detection and Jamming Shield for Military and Government Applications**

**1,Product Introduction**

The portable (shield-shaped) drone detection and defense device is an integrated drone countermeasure system for individual soldiers, featuring functions such as detection and early warning, target orientation, interference and strike, and display and control networking. It operates on the principle of emitting high-intensity electromagnetic waves to counteract various types of small and medium-sized civilian drones. By disrupting their flight control systems and satellite positioning receivers, it blocks normal communication signals, rendering them ineffective. This is a professional control device.

**2, Functional highlight**

1) 400MHz-6GHz Full-frequency-band Detection
2) 2km Precise and Efficient Jamming
3) Rapid and Mobile Deployment
4) Super Practical
5) Smart Touch Screen

### 3, Specification

| Product Name | Portable (Shield-shaped) Drone Detection and Defense Device |
|---|---|
| Product Model | DR500-AB |
| Power Consumption | ≤600W |
| Detection Frequency Bands | 400MHz-1500MHz, 2200-2500MHz/5150-5950MHz (DJI, Autel and some WIFI drones) |
| Detection Range | ≥2km (depending on the model) |
| Countermeasure Range | ≥2km (depending on the model) |
| Countermeasure Frequency Bands | 900MHz, 1.2GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz |
| Channel Power | 1555 1650MHz 20W<br>840 930MHz 50W<br>2400 2500MHz 50W<br>1050 1280MHz 20W<br>5725-5850MHz 50W<br>5150-5350MHz 20W |
| Interception Channels | Six channels |
| Countermeasure Azimuth Coverage | ≥30° |
| Display Size | ≥3.5 inches, capable of displaying drone signal strength and frequency bands simultaneously |
| Screen Type | Touch screen |
| Status Indication Function | The display can show the detected drone frequency bands and signal strength |
| Direction Finding Function | ≤10° |
| Detection Angle | Horizontal detection angle coverage 0°~360° |
| Jamming-to-Signal Ratio | ≥20:1 |
| Alarm Prompt Function | After detecting a drone target, it can give an alarm prompt through sound |
| Interference Function Check | Can emit wireless interference signals to make drones hover, return to home or force land |
| Frequency Band Switching Function | Can choose single communication interference, single navigation interference or full frequency interference |
| Interference Coverage Angle | Horizontal≥45°, vertical≥30° |
| Networking Supervision | Can be multi-level interconnected with mobile terminals (APP), rear-end command and management platforms (optional) |
| Operating Temperature | Operating temperature: -40 -60 |
| Product Weight | 8Kg (including battery) |
| Product Dimensions | Length 390mmWidth 160mmHeight 330mm |
| Battery Parameters | Standard voltage 29.2V, operating voltage range 25.9V~29.4V, capacity 10Ah |
| Removable Battery | Uses a one-key plug-in and pull-out battery box, battery replacement time should be ≤5s |
| Standby Time | ≥20h, with detection and alarm functions during standby |
| Working Time | ≥30min |
| Charging Function | Supports charging with AC220V (standard power adapter), has battery level display function |

### 4, After-Sales service

Lifetime free model library upgrades, profesdional 24/7online service, customizable colors and languages.

## 6, Certification Certificate



## 7, Company profile

Chongqing Miao Yitang Technology Co., Ltd. is a specialized company engaged in anti-drone and unmanned intelligent defense management.

With the technical support from the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple intelligent AI companies, the company has established research laboratories for AI unmanned field products, accumulating a variety of technical patents.

The company's products are widely applied to unmanned automatic management solutions for various defense and perimeter areas, including AI anti-drone systems and AI unmanned vehicle patrol systems. These systems integrate with multiple technologies such as optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management, truly achieving a 24-hour uninterrupted anti-drone defense and ground perimeter defense warning system. This allows for cost savings for clients, reduction in human resource allocation, and ensures the safety of clients' lives and property. The outstanding security system has won the company an excellent reputation and created higher value for its partners.

## 8, Paking and Delivery

Supports various logistics methods including shipping, air freight, water transport, and express delivery, covering logistics in 90% of the global regions.



**CUSTOMER SERVICE**

* Fast and patient communication: professional sales reply immediately
* Fast delivery: usually 2-7 days
* Flexible Safe shipping: fast by air or sea with cheap freight
* Customer-friendly: complete user manual and exact video training provided
* After sales service: one year warranty and life time technical support