

**AvengeAngel defender-Triple High Power
Omni-directional 3-band,350-700
Frequency band all jammed ,FPV drone
jammer,Internal battery power supply +
external power supply version**



**Caution: The link antenna must be installed before
the power can be turned on.**

I. Equipment Introduction

Electromagnetic suppression technology is a mainstream civil countermeasure and the most important component of low altitude defense systems. It needs high reliability in work. The base-station UAV countermeasures equipment is connected with the monitoring and management platform software. Depending on the needs, hierarchical controls can be carried out to repel intruding UAVs and force them to land. The countermeasure equipment is silent at ordinary times. When the target area is intruded by a UAV, the information will be sent back to the platform's command center for identification, and then the interceptor equipment is activated remotely to form an electronic fence in the air to clear the air.

As the first manufacturer to propose the fixed base station type countermeasure technology, the equipment adopts the field rainproof workstation shell, which has excellent waterproof and heat dissipation performance, so that it can meet the needs of use in harsh environment.

The system uses the central platform control counter intercept equipment as the core to achieve the goal of effective jamming and driving away targets within a radius of 1 km. According to the precise coordinates (azimuth, distance, altitude) of the target input by the detection equipment, the target is confirmed by the target discovery software, and then the manual intervention and unattended mode can be adopted.

2. Functional Features

- The machine has interfaces for detecting devices, allowing expansion and linkage;
- Based on application scenarios and defense levels, the device can be used independently 7*24 with high reliability.
- According to the needs, the multi-band omnidirectional beam jammer can realize the compound jamming and suppression of positioning picture transmission signal and remote control signal (350~450MHz, 450~550MHz, 550~700MHz).
- The product is equipped with a short-size dual-polarization high-gain omnidirectional antenna, which solves the technical difficulties of low frequency and long size, ensures the output of power signal, realizes the transmission of low power, long distance and low radiation, and is environmentally friendly. Covering 360 degrees, and effectively defending from multiple targets.

Strike mode: 433M+550M+650M

3. Equipment Parameters

The system uses a technology whose purpose was changed from military to civilian to achieve a low-cost, widely deployable fully automatic UAV defense equipment

Base station UAV defense chassis	
Countermeasure Distance	Radius of 1Km, customized according to customers' needs
Operation Frequency	350M、450M、650M
Direction of the Antenna	Directional antenna, omnidirectional antenna is optional
Form of Power Supply	Dual power supply optional (Battery or external power supply)
Power Consumption	200W
Measurements	320mm X 230mm X 140mm, excluding the antenna
Weight	7Kg
Operation Temperature	-20°C~+55°C (outdoor),
Storage Temperature	-40°C~+80°C (outdoor), automatic heating function
Mechanical environment	After 500Km transportation vibration environment; The device can work normally and the vibration resistance meets the requirements of GB/T14587.10-2005

Power Table

3channels	Frequency band	Power	Function	Countermeasure distance
F1	350-450MHz (433M)	50W	UAV remote control signal	Around 100m kilometers
F2	450-550MHz (550M)	50W	UAV remote control signal	Around 100m kilometers
F3	550-700MHz (650M)	50W	UAV remote control signal	Around 100m kilometers



- 1、 ON/OFF**
- 2、 433M、 550M、 650M 3 band independent switch**
- 3、 Screen**
- 4、 Charging port**
- 5、 External powerd socket (DC9~36V)**
- 6、 Power mode switch knob switch (Battery powered or External powerd socket DC9~36V)**



- 7、 Antenna connection port**

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