

Portable FPV drone control shield

一、R&D background

The company independently develops and produces UAV jammers, which can be jamming shielded for all satellite positioning signals, including: GPS/Beidou/GLONASS/Galileo; At the same time, it can interfere with the ISM 2.4G and ISM 5.8G frequency bands commonly used by UAVs, forcing UAVs to remote control, image transmission and positioning, signal interruption, and achieve the functions of forced landing/return/hovering, with a long interference distance and an open area greater than 1000 meters.

Functional benefits

Independent research and development, production, sufficient power.

Cut off all signal communication between the drone and the controller. The drone's remote control is out of order.

The ground controller of the drone cannot receive aerial videos and pictures.

The drone cannot be located, forcing the drone to land, hover, or return.

Tripod mounting is optional

Technical parameters

Product Name: Portable Drone Control Shield

Product Model: Shield SR-8P

Power supply: lithium battery 27V/15AH, external charger.

Operation mode: one-handed or two-handed operation, can be arbitrarily opened forced landing and return.

Interception methods: forced return, forced landing, hovering,
video transmission jamming

Intercept channel: 8 channels (4-8 channels optional)

Frequency bands: 700/800/900/1.1/1.6/2.4/5.2/5.8

RF power: <240W

Antenna: Built-in high-gain antenna.

Control distance: 1000 meters \geq open ground.

Weight: Approx. 9.3Kg (without charger)

Power level: battery level display, temperature display, voltage
display.

Product size: length 410 * width 394 * height 147mm

Note: Accessories: one host, one charger, one flight case

Product Image:





Pictured: Charger

How it works:

1. Battery power check mode: turn on the switch, display the current voltage, show that the voltage is lower than 25V, the battery power is low, and it needs to be charged in time, otherwise the normal operation will be affected; Please turn off the voltmeter when the interference is turned on normally, do not check the battery level in the interference state (the interference status is not accurate), and the battery full charge indicator is about 29V.

2. At the same time, interfere with the remote control and image transmission (turn on the "return" switch) return mode, first press the start switch corresponding to "return", the switch light is on, and after the aiming drone starts to interfere, the drone cannot be remotely controlled, unable to send back video and image, and the drone will automatically return to home according to the drone setting procedure.

3. At the same time, it interferes with satellite navigation signals, remote control signals, and image transmission signals (turn on the "forced landing" switch) and forced landing mode. First of all, press the start switch corresponding to 2 "forced landing", and the switch light

will be on; After the targeting drone starts to interfere, the drone cannot return, cannot control the return, and cannot send back videos and images. Hovering and forced landing according to the drone setting procedure.

4. Charging: Open the waterproof and dustproof plug of the charging base at the bottom of the battery compartment, insert the charger plug into the charging port at the bottom of the battery compartment, and the charger indicator light will light up red, indicating that it is charging; The charging complete (or charger not plugged in) indicator lights green.

5. Check the battery capacity: when the battery display is lower than 25V, please charge it immediately, due to the large power consumption of the whole machine at full load, the battery voltage is too low will affect the actual transmission power and display function and storage.