

Single Soldier
Counterattack Backpack
product manuals

Photo of the 8 frequency Single Soldier Counterattack Backpack



Figure 1 Appearance



Figure 2 Detail drawing

1 Function and purpose

Single Soldier Counterattack Backpack is a portable anti-drone device designed for individual or small-scale tactical deployment. It is mainly used to interfere with, block or deceive the communication links and navigation signals of drones.

1.1 Product Features

1) Full band coverage

Supports 400MHz-6GHz multi-band interference, covering the mainstream UAV communication band (such as 433MHz, 915MHz, 2.4GHz, 5.8GHz) and navigation band.

2) Signal interference and blocking

By emitting high-intensity electromagnetic noise, the GPS/Beidou/GLONASS satellite positioning signals of the UAV are suppressed, resulting in inaccurate positioning of the UAV and triggering automatic return or forced landing.

3) Intelligence and convenience

The equipment is designed to be lightweight, with a weight of 10-15 kg. It has multiple fans and heat dissipation plates built in to ensure continuous operation. The handle button supports single-band fixed-point interference or full-band synchronous suppression (covering 2.4GHz/5.8GHz/ navigation band) to adapt to different threat levels.

1.2 Product parameters

Interference frequency band	433MHz(420-450) 900MHz(830-940) 1.2GHz(1170-1280) 1.4GHz(1380-1460) 1.5GHz(1550-1620) 2.4GHz(2400-2500) 5.2GHz(5150-5350) 5.8GHz(5750-5850) (Customizable frequency)
Interference distance	Less than 1.5 km
Direction of interference	360°all-round
Type of interference signal	Drone data transmission signal, drone remote control signal, drone navigation signal
Power dissipation	400W
Battery and battery life	29.4V/25A, 30-40 minutes of battery life
Safety and protection	85 degrees automatic disconnection and antenna standing wave
Drone aircraft	FPV, DJI, Autel, digital transmission, fixed wing
Working temperature	-25°C~70°C
Storage temperature	-30°C~+70°C °C
Size	350*210*540mm
Weight	15kg

2. Delivery and quality

2.1 Delivery list

Jamming Backpack	1pcs
Antenna	Default: omnidirectional FRP antenna Support customization: directional flat panel antenna
Power cord	1pcs
Control handles	1pcs
Air cargo boxes	1pcs

2.2 Delivery method

- 1) It is transported in the form of complete machine, and does support SKD.**
- 2) Pre-shipment tests are performed to ensure functionality and quantity.**
- 3) Provide technical guidance, and provide technical personnel to provide on-site guidance for installation when necessary.**
- 4) Customized air boxes.**

2.3 Quality assurance

From the date of sale, the warranty is one year for non-human damage.

3 Tests

- 1) Communication connection test**
- 2) Functional connectivity test**
- 3) Test video**