



Synergy Telecom Pvt Ltd is a INDIAN manufacturer of Antennae, Cable assemblies, Microwave Components, IOT and M2M learning,DAS/ IBS and BTS installation materials, Solar passive components . We maintain a large inventory of fast moving material like RF Cable, Cable Assemblies, RF Connectors, Passive MW components, WAVEGUIDES and Installation Material. We are approved vendors with **BEL, ITI, DRDO, RAILWAYS, ISRO, Private Telecom Operators, BSNL**. We believe in creating value for our customers by continuous improvement of products, service quality and customer satisfaction. <https://embot-bc0bbd.zapier.app/>

We provide products from dc through microwave and milli-meter wave frequencies to our international commercial and military customers who are involved in high-frequency industries including radar, communications, high energy physics, satellites, industrial heating, medical electronics, etc.

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Catalog



01 Anti drone module



02 Antin drone backpack



03 Fixed Anti drone system



04 Vehicle-mounted Anti drone system



05 portable Anti drone system

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Anti drone module



The frequency can be customized.

Frequency range :200MHz–6200MHz



The product is offered in a range of sizes.

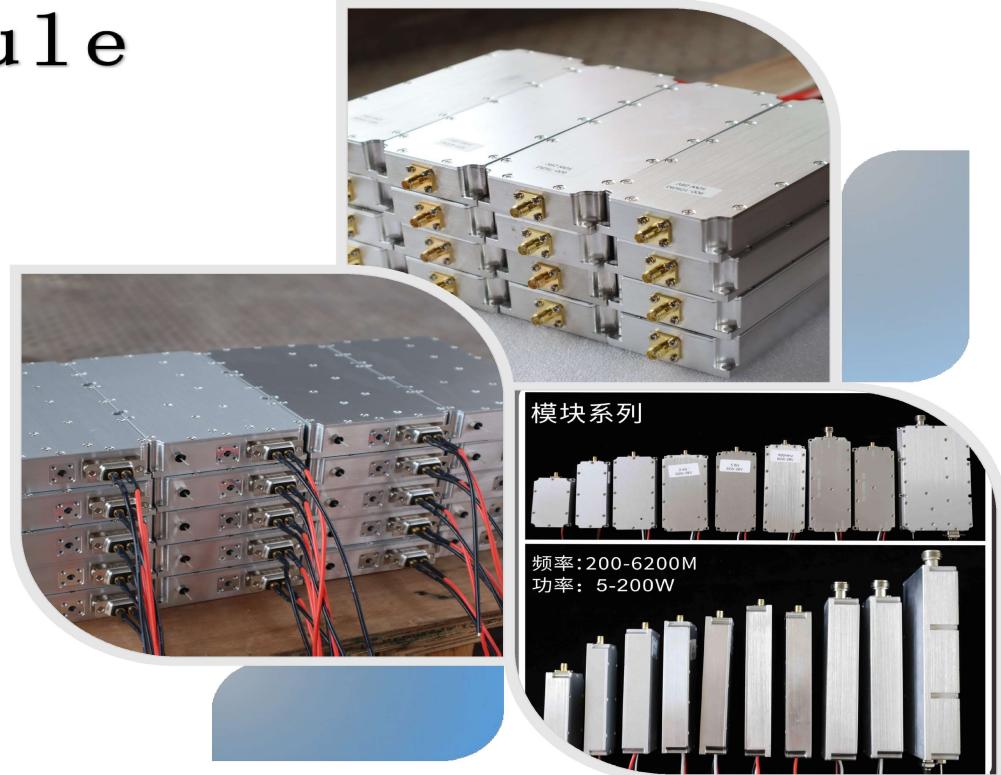


The aluminum shell is utilized for efficient heat dissipation.



The power is customizable.

Customized from 5W to 200W, catering to diverse application scenarios.



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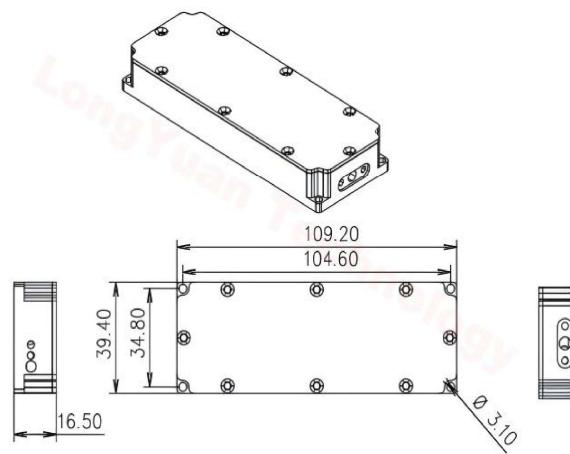
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Anti drone module

5.2/5.8G 10W

- 01 Frequency: 5100-5300MHz/5725-5850MHz
- 02 Power: 10W
- 03 Size: 109.2*39.4*16.5mm
- 04 Weight: 0.12KG
- 05 voltage: 28V
- 06 Electric current: 1A
- 07 Output connector: SMA
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Power switch
- 12 flatness: ±1dB



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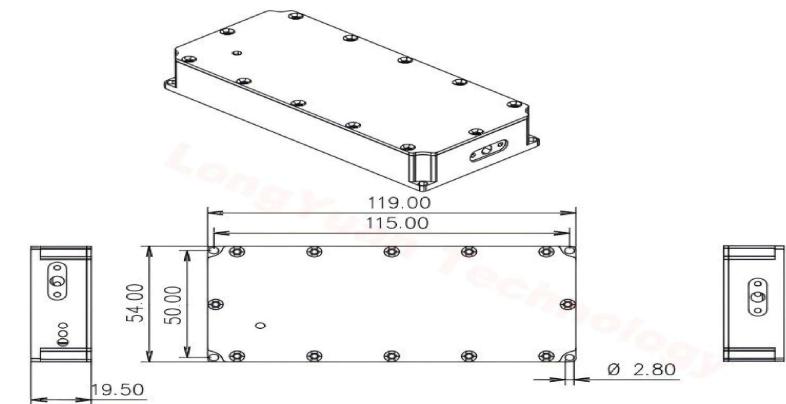
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Anti drone module

5.2/5.8G 30W

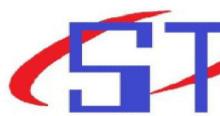
- 01 Frequency: 5100-5300MHz/5725-5850MHz
- 02 Power: 30W
- 03 Size: 119*54*19.5mm
- 04 Weight: 0.22KG
- 05 voltage: 28V
- 06 Electric current: 3A
- 07 Output connector: SMA
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Enable switch
- 12 flatness: ±1dB



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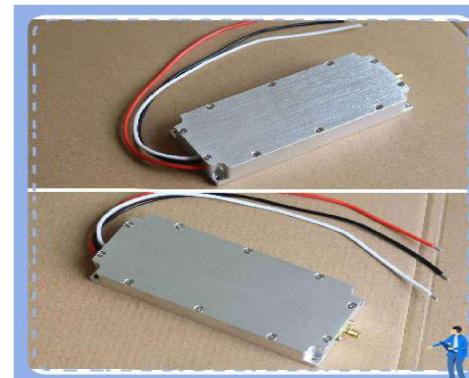
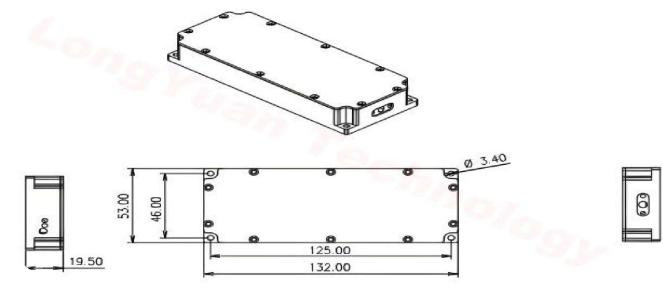
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Anti drone module

5.2/5.8G 50W

- 01 Frequency: 5100-5300MHz/5725-5850MHz
- 02 Power: 50W
- 03 Size: 132*53*19.5mm
- 04 Weight: 0.28KG
- 05 voltage: 28V
- 06 Electric current: 5A
- 07 Output connector: SMA
- 08 Power amplifier efficiency: 50%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Enable switch
- 12 flatness: ±1dB



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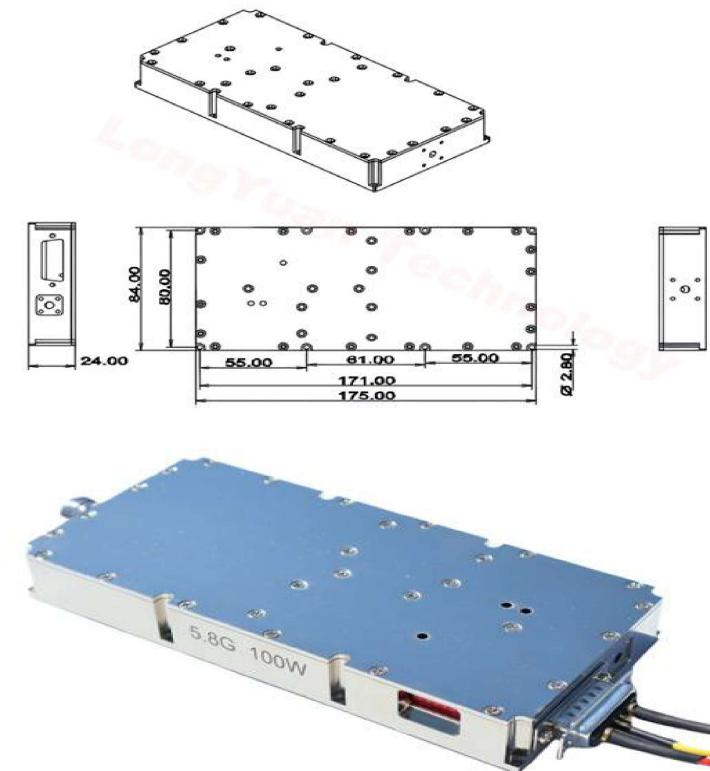
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Anti drone module

5.2/5.8G 100W

- 01 Frequency: 5100-5300MHz/5725-5850MHz
- 02 Power: 100W
- 03 Size: 175*84*24mm
- 04 Weight: 0.74KG
- 05 voltage: 28V
- 06 Electric current: 9±1A
- 07 Output connector: N
- 08 Power amplifier efficiency: 40-50%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Enable switch
- 12 flatness: ±1dB



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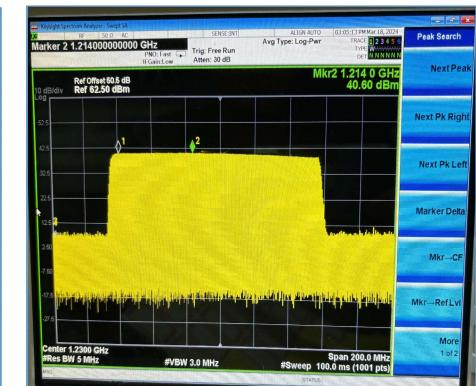
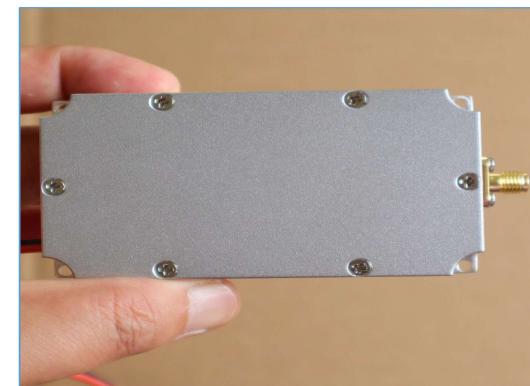
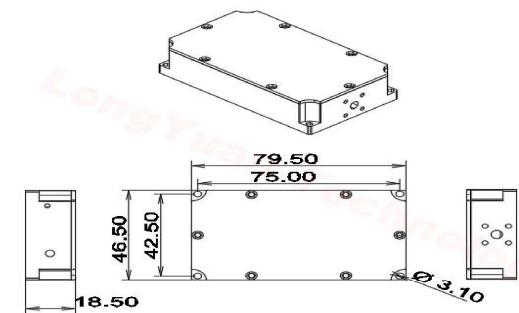
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Anti drone module

The LDMOS module 5-10W

- 01 Frequency: 433MHz 900MHz 1.2G 1.5G 2.4G
- 02 Power: 5-10W
- 03 Size: 79.5*46.5*18.5mm
- 04 Weight: 0.12KG
- 05 voltage: 28V
- 06 Electric current: 1A
- 07 Output connector: SMA
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Power switch
- 12 flatness: ±1dB



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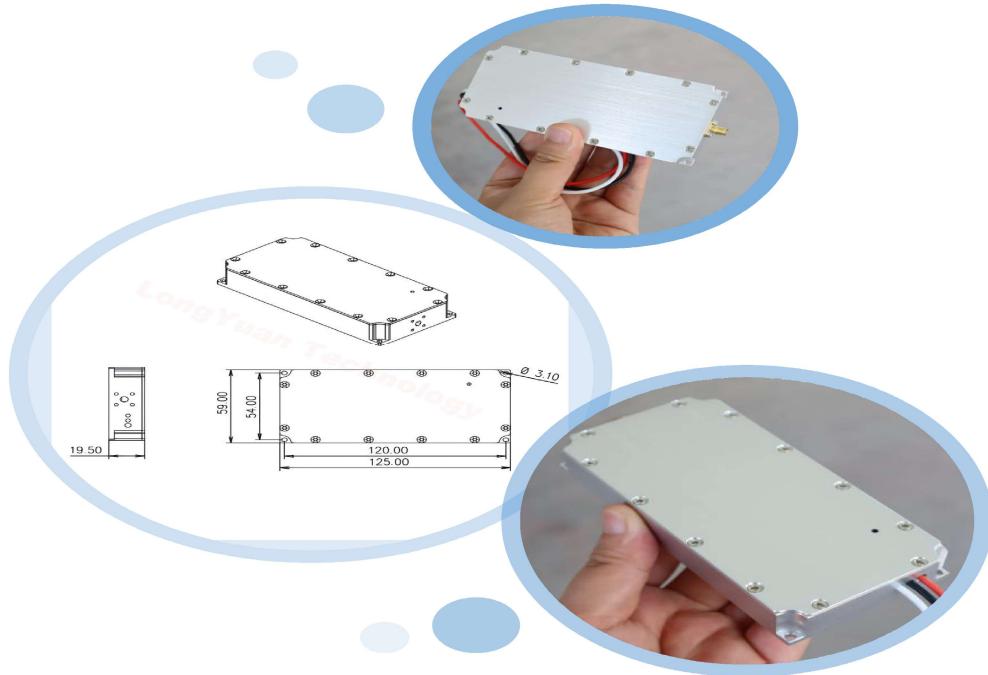
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Anti drone module

The LDMOS module 20-50W



- 01 Frequency: 433MHz 900MHz 1.2G 1.5G 2.4G
- 02 Power: 20-50W
- 03 Size: 125*59*19.5mm
- 04 Weight: 0.28KG
- 05 voltage: 28V
- 06 Electric current: 2-5A
- 07 Output connector: SMA
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Enable switch
- 12 flatness: ±1dB

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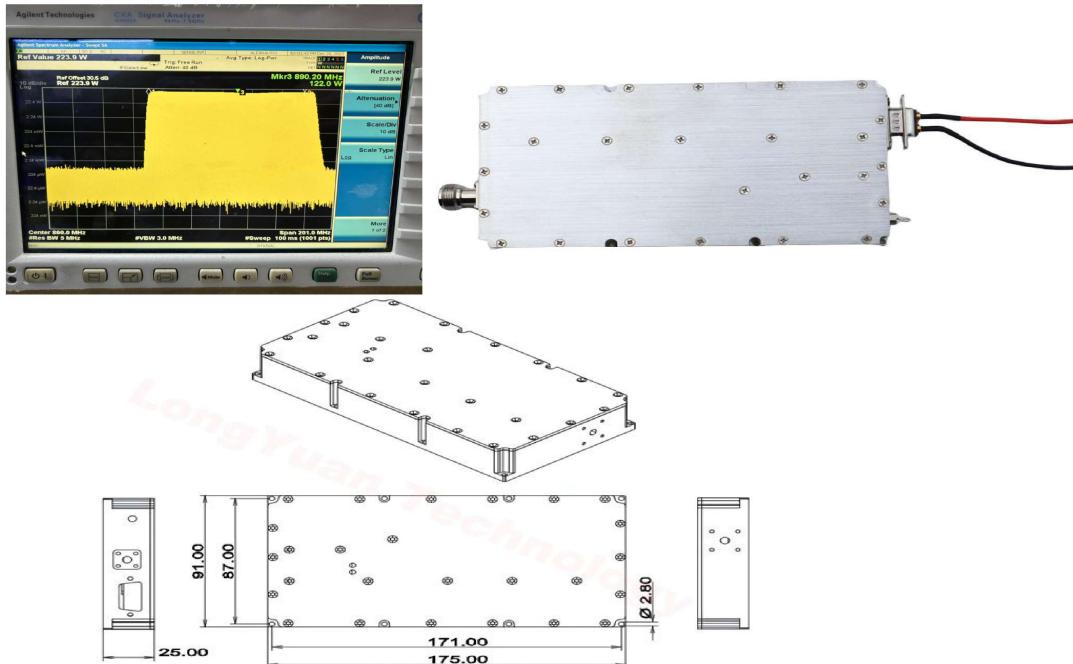
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Anti drone module

The LDMOS module 100W



- 01 Frequency: 433MHz 900MHz 1.2G 1.5G 2.4G
- 02 Power: 100W
- 03 Size: 175*91*25mm
- 04 Weight: 0.44KG
- 05 voltage: 28V
- 06 Electric current: 10A
- 07 Output connector: N
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Enable switch
- 12 flatness: ±1dB

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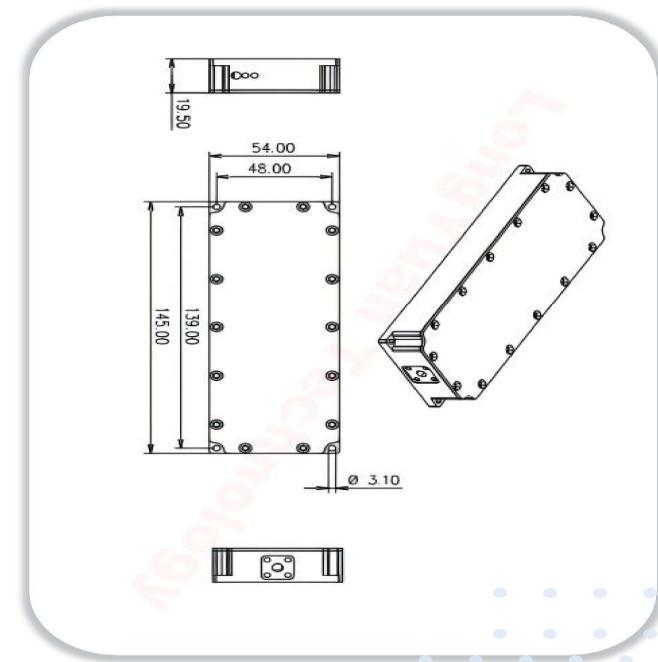
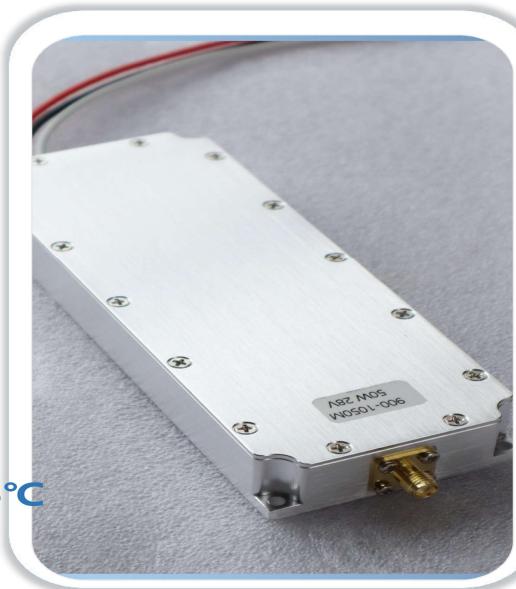
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Anti drone module

The Circulator module 50W

- 01 Frequency: 433/800/900MHz 1.2G 1.4G 1.5G 2.4G
- 02 Power: ≥50W
- 03 Size: 145*54*19.5mm
- 04 Weight: 0.3KG
- 05 voltage: 28V
- 06 Electric current: 5A
- 07 Output connector: SMA
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Enable switch
- 12 flatness: ±1dB



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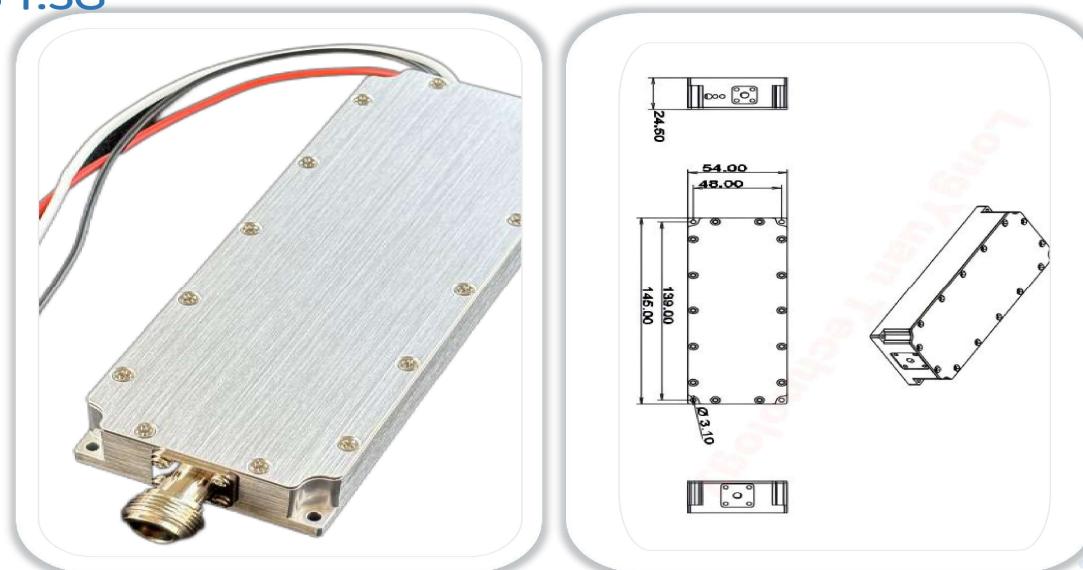
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Anti drone module

The Circulator with N Head module 50W

- 01 Frequency: 433/800/900MHz 1.2G 1.4G 1.5G
2.4G
- 02 Power: ≥50W
- 03 Size: 145*54*24.5mm
- 04 Weight: 0.42KG
- 05 voltage: 28V
- 06 Electric current: 5A
- 07 Output connector: N
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Enable switch
- 12 flatness: ±1dB



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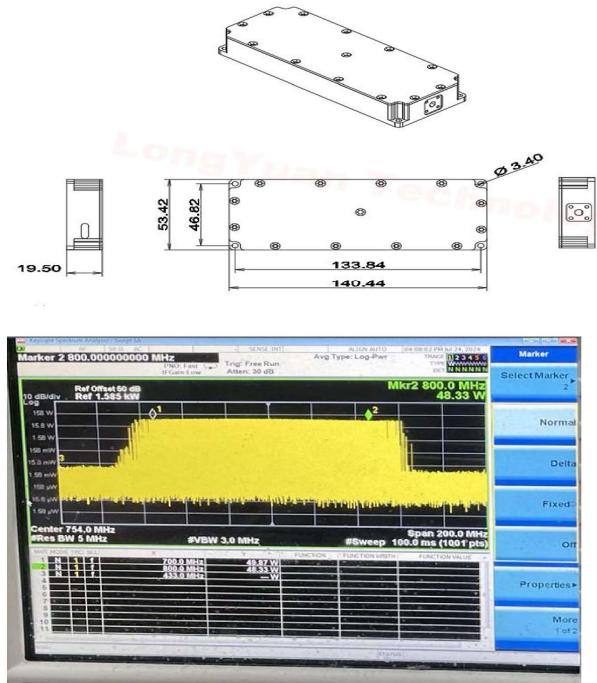
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Anti drone module

The LORA module ≥20W



- ① Frequency: 700–1000M
- ② Power: 40W
- ③ Size: 140.44*53.42*19.5mm
- ④ Weight: 0.28KG
- ⑤ voltage: 28V
- ⑥ Electric current: 4A
- ⑦ Output connector: SMA
- ⑧ Power amplifier efficiency: 40%
- ⑨ Operating temperature: -30~+65°C
- ⑩ Output standing wave: ≤1.5
- ⑪ On-off control: Enable switch
- ⑫ flatness: ±1dB

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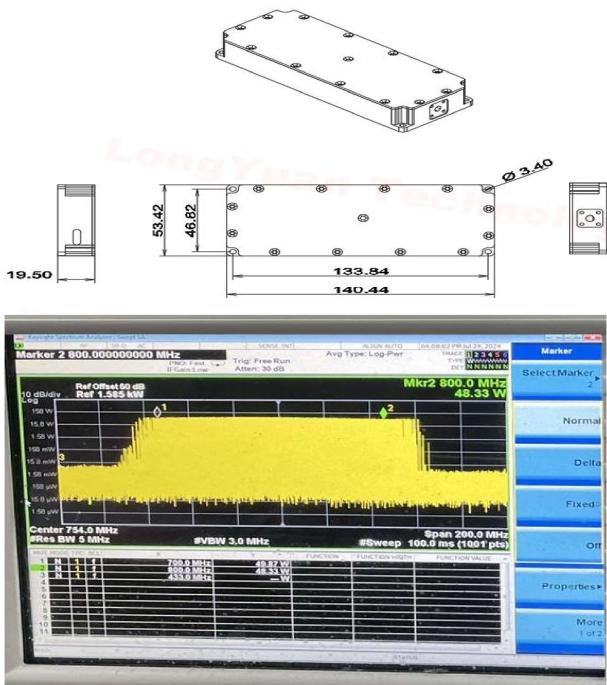
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Anti drone module

The LORA module 40W



- 01 Frequency: 433/900/1.2/1.5/2.4G
- 02 Power: ≥20W
- 03 Size: 140.44*53.42*19.5mm
- 04 Weight: 0.28KG
- 05 voltage: 28V
- 06 Electric current: 2A
- 07 Output connector: SMA
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤1.5
- 11 On-off control: Enable switch
- 12 flatness: ±1dB

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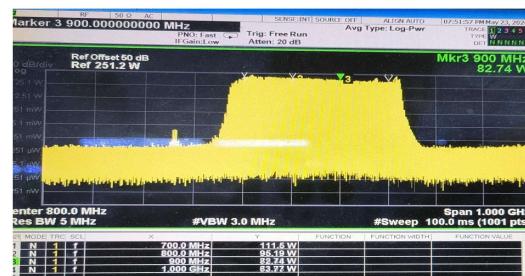
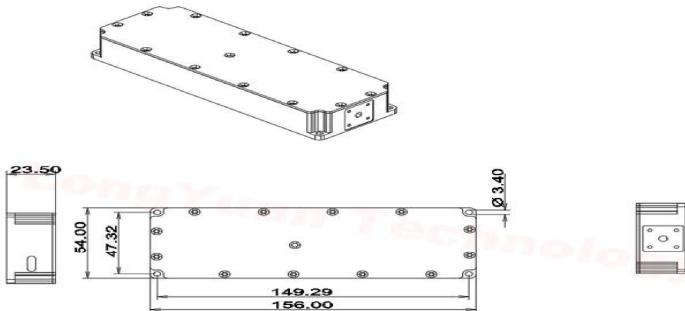
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Anti drone module

The LORA module 80W



- ① Frequency: 700–1000M
- ② Power: 80W
- ③ Size: 156*54*23.5mm
- ④ Weight: 0.43KG
- ⑤ voltage: 28V
- ⑥ Electric current: 8.4A
- ⑦ Output connector: N
- ⑧ Power amplifier efficiency: 40%
- ⑨ Operating temperature: -30~+65°C
- ⑩ Output standing wave: ≤1.5
- ⑪ On-off control: Enable switch
- ⑫ flatness: ±1dB

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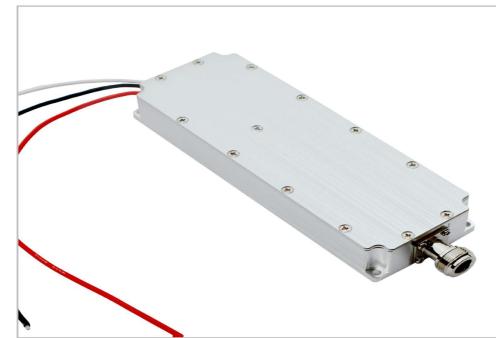
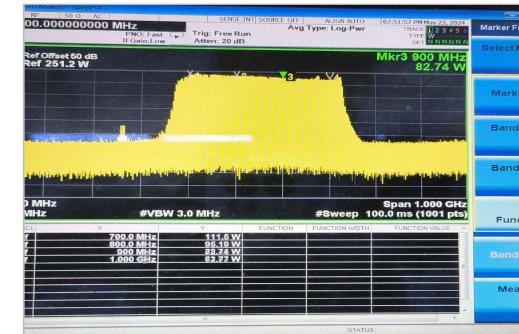
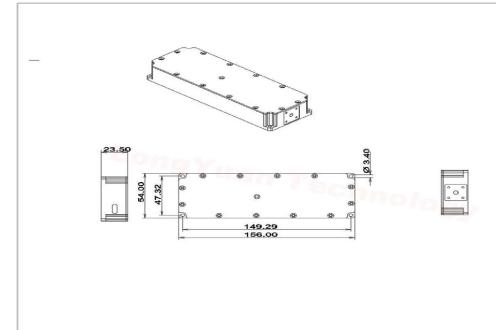
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Anti drone module

The LORA module $\geq 50W$

- 01 Frequency: 433/ 900/ 1.2/1.5/2.4G
- 02 Power: $\geq 50W$
- 03 Size: 156*54*23.5mm
- 04 Weight: 0.43KG
- 05 voltage: 28V
- 06 Electric current: 8.4A
- 07 Output connector: N
- 08 Power amplifier efficiency: 40%
- 09 Operating temperature: -30~+65°C
- 10 Output standing wave: ≤ 1.5
- 11 On-off control: Enable switch
- 12 flatness: $\pm 1\text{dB}$



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Plastic backpack

- 1. The backpack design ensures easy portability and presents an elegant appearance.**
- 2. With a built-in battery and integrated design, the device offers enhanced convenience during operation.**
- 3. The single switch control allows for more flexible operation.**
- 4. Featuring both external omnidirectional and hand-held directional plate antenna modes, it caters to various usage needs.**
- 5. The highly optimized antenna significantly improves counter range capabilities.**
- 6. The remote control handle facilitates more convenient operation.**
- 7. Optional external battery support is available at an additional cost.**

Countermeasure device for backpack drones



BF-P800

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The machine parameters.

Battery capacity :20A

Weight :13kg

Size :75•45•24cm

Frequency :433/900/1.2/1.4

**1.5G2.4/5.2/5.8G can be
customized**

Interference distance:300-1500M

The channels 6-8 are optional.

Plastic backpack

Countermeasure device for backpack drones



BF-P800

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Aluminum camouflage backpack

- 1. The backpack is designed with a larger size, ensuring better heat dissipation.**
- 2. The battery features a plug-in design, facilitating easy disassembly and transportation.**
- 3. The remote control handle allows for more flexible operation.**
- 4. Equipped with omnidirectional + directional dual antennas.**
- 5. The aluminum shell enhances heat dissipation and ensures stable performance.**
- 6. Comes with a power display for convenient monitoring of the remaining power level.**
- 7. Customizable backpack color options are available.**
- 8. Frequency and power can be tailored to specific requirements.**

Countermeasure device for backpack drones



BF-D800

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The machine parameters.

Battery capacity :25A

Weight :22kg

Size :48•35•14.5cm

Frequency :433/900/1.2/1.4

**1.5G2.4/5.2/5.8G can be
customized**

total power output :400W

The channels 6-10 are optional.

Countermeasure device for backpack drones



Aluminum camouflage backpack

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BF-4D

4 Channel mini backpack

countermeasure device for backpack drones

1. Enhanced backpack design for convenient portability.
2. Incorporates a built-in battery for seamless operation.
3. Optional hand-held directional antenna available (additional cost).
4. Customizable frequency band and power options (additional fee applies).
5. Employs single switch technology to efficiently control power output.
6. Equipped with multi-band interference capability (2-4 bands), effectively countering the majority of rogue drones.
7. Can be transformed into a hand-held model, as depicted in the product image.



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BF-4D



countermeasure device for backpack drones

The machine parameters.

Battery: 11A

Continuous power supply: about 30 minutes

Weight: 7kg

Host size: 60·48·35cm

Packing Size: 47·36.5·28c [Carton Packing]

Weight: 9.5kg

Counter range: 300-800 meters

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Detector+Anti drone
Equipment

BF-1000



Stationary anti-drone equipment

1. Enhanced features include detection and countermeasures capabilities.
2. Equipped with a large-sized cast aluminum chassis, ensuring superior heat dissipation.
3. Incorporates a double-sided integrated fan system with 12 fans for optimal heat dissipation.
4. Customizable frequency band and power options available.
5. Utilizes advanced single switch technology for seamless operation.
6. Effectively counters interference from multiple bands (4-12 bands), providing comprehensive protection against black drones.

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BF - 1000

Stationary anti-drone equipment



The machine parameters.

Host size :60·42·38cm
Weight :50kg
Power :550W
Power supply:220V
Installation height:3-5M
Frequency :300/400/500/60
0/700/800/900/1.2/1.5/2.4/
5.2/5.8G(customizable)

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BF-W400

Stationary anti-drone equipment

Cast aluminum case

Product characteristics

1. The shell is made of cast aluminum, ensuring durability and resistance to friction, high temperatures, sand, and rain.
2. It has a long lifespan.
3. The frequency band and power can be customized according to requirements.
4. Both omnidirectional and directional plate antennas can be customized.
5. Double-sided fans can be included as per customization needs.
6. Remote control handle operation can be tailored to suit individual preferences.



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BF-W400

Stationary anti-drone equipment

Cast aluminum case

The machine parameters.

Host size: 50·41·23cm

Weight: 18kg

Outer packing size: 63.5·57·41.5cm

Machine weight: 33kg

Power: 20-100W

Frequency :800/900M/1.5/2.4/5.2G

5.8G(customizable)



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Vehicle-mounted anti-drone equipment

Vehicle 3-channel

BF-C31



1. The roof can be easily absorbed, making it convenient for cars.
2. The frequency band can be customized to range from 700MHz to 1050MHz.
3. It is equipped with a built-in booster module that supports voltage conversion from 12V to 28V.
4. Remote switch control is available.

Package dimensions

43·30·28cm

Packing weight

9kg

Power

50W

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Vehicle-mounted anti-drone equipment

Vehicle 3-channel BF-C30



Product parameter



Frequency: 700–1050M/2.4/5.8G
400 600/1.2/1.5G can be customized



Outer packing size: 44x31.5x24.5cm
Antenna size: 45x2.8cm
Support size: 21x29.5cm



Support weight: 1.16KG
Packing weight: 10kg



1. Enhanced portability and compact design.
2. Customizable with 2-4 channels to suit specific requirements.
3. Power options can be tailored to individual needs.
4. Equipped with a built-in booster module supporting a voltage range of 12V to 28V.
5. Remote control handle available as an optional add-on (additional cost).
6. Bracket accessory available as an optional add-on (additional cost).

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Vehicle-mounted drone Jammer

4-8 channel

1. The car roof features strong magnetic adsorption for convenient installation.
2. It is equipped with a built-in battery.
3. It offers excellent anti-FPV effect.
4. Custom antenna design ensures outstanding anti-interference performance.
5. The integrated host antenna provides superior waterproofing.
6. Remote control operation is facilitated by the handle design.
7. Customizable frequency bands (4-6-8 channels) and power output (30-50W).
8. Utilizes single switch technology to control power output.
9. Can be customized for AC220V and DC24-28V dual power supply modes.



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BF-C400

Vehicle-mounted drone Jammer

4 channel

Product parameter

Battery capacity: 15A

Device size: 33x36x30cm

Equipment weight: 15kg

Package size: 47x46x42cm

Packing weight: 16.3kg

Frequency: 400-1050M/2.4G/5.8G



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Vehicle-mounted drone Jammer

6 channel

BF-C600



Product parameter



- Battery capacity:** 15A
- Device size:** 41x36x30cm



- Equipment weight:** 15kg
- Package size:** 53x45x42cm



- Packing weight:** 19.4kg
- Frequency:** 400-1050M/2.4G/5.8G



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BF-C800

Vehicle-mounted drone Jammer

8 channel

Product parameter

Battery capacity: 15A

Device size: 53x36x33cm

Equipment weight: 15kg

Package size: 66.5x46x43cm

Packing weight: 22.3kg

Frequency: 400-1050M/2.4G/5.8G



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Vehicle-mounted drone Jammer

10 channel

BF-ST10

Product parameter

Power supply

Battery capacity: 50A

AC supply: 220V

weight:13.6kg

Size:39x37x18cm

Package size:53x43.5x25.5cm

Package weight:17kg

Device

Size: 52.5x42x42cm

Weight: 19kg

Package size: 61x61x49.5cm

Package weight:25kg

Frequency:

100-1050M/1.2G/2.4G/5.2G/5.8G



Has two power supply modes to release enough power

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Pull-box drone countermeasure equipment

BF-L800

1

design

1. Rolling suitcase design facilitates easy transportation.
2. Equipped with a remote control handle for convenient operation.

2

argument

3. Offers optional omnidirectional and handheld directional antennas.
4. Customizable frequency band and power settings available.

3

distance

5. Utilizes single channel switch technology to control power output.
6. Includes a built-in battery for added convenience.
7. Provides multi-band (4-12 bands) interference to counter most black drones.



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Pull-box drone countermeasure equipment

BF-L800



Product parameter

Host size : 60 • 48 • 35cm

Weight : 38kg

Packing size : 74 • 59 • 50cm (+11 rounds) airline case

Equipment weight : 61kg

Battery : 50A

Frequency : 433/900/1.2/1.4/1.5
2.4/5.2/5.8G (Customizable)

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Portable anti-drone device



BF-T5

Portable with built-in antenna

1. Equipped with a built-in directional antenna.
2. Incorporates a built-in battery for enhanced portability.
3. Integration of equipment ensures ease of carrying.
4. Single switch control mechanism simplifies operation.
5. Frequency band and power can be customized to meet specific requirements.
6. Boasts an aesthetically pleasing appearance, facilitating convenient transportation.
7. Customization options available for 3-5 channels.

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BF-T5

Portable anti-drone device

Product parameter

Host size: 39•37•18cm

Weight: 10.5kg

Outer packing size: 49•43.5•28cm

Weight: 12kg

Power: 20-50W

Frequency: 800/900M/1.5/2.4/ 5.2G
/5.8G(customizable)



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Shield type anti-drone device

- 01.** 1. The shield design is handheld and portable, making it easy to carry.
- 02.** 2. The highly optimized antenna provides better counter distance capabilities.
- 03.** 3. With multi-channel output, it can effectively counter various types of black fly drones.
- 04.** 4. It features a built-in battery and integrated design for seamless operation.
- 05.** 5. The single switch control allows for more freedom in operation.

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Shield type anti-drone device

7 channel

Machine parameter

Power supply: AC220V-DC5V

Battery capacity: 10A

Weight: 6.2kg

Packing weight: about 9kg

Host size: 32.5·27.5·9cm

Aviation case size: 39·35·20cm

Countermeasures distance: 300-1000 meters (depending on the type of drone and the flight height of the drone)



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Shield type anti-drone device

BF-T3

3channel

Machine parameter

Power supply: AC220V-DC5V

Battery capacity: 5A

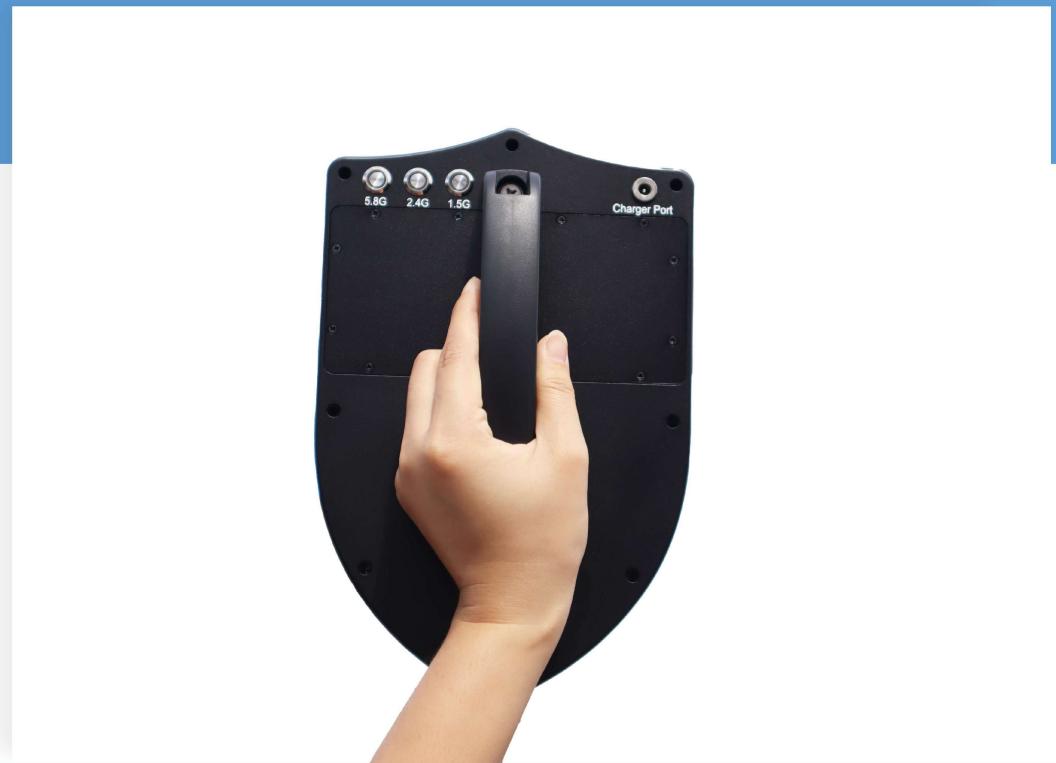
Weight: 3.3g

Packing weight: 5.5kg

Weight: 3.3g

Packing weight: 5.5kg

Countermeasures distance: 800-1200 meters
(depending on the altitude of the UAV)



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Handheld drone detector

BF-S30

Machine parameter

Battery capacity: 4A

Detection Angle: 20°

Host size: 45.5·20·3.3cm

Weight: 1.04kg

(with suitcase weight 3.1kg)

Detection Angle: 360°

Detection distance: 1.2-3km

Detection frequency band :

400-1500/2200-2500/5100-5900MHz

1. Dual function of detection and direction finding.
2. User-friendly operation with precise detection capability.
3. Zero occurrence of false positives.
4. Equipped with dual antennas for seamless switching.



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Handheld Drone detection and Jamming equipment

Machine parameter

Battery capacity: 7A

Detection Angle: 20°

Host size: 600*320*120mm

Weight: 6.96kg

(with suitcase weight: 13.3kg)

Detection Angle: 360°

Detection distance: 1km

Effective Range: >1000m

Detection frequency band :

1GHz-1.3GHz/2.4GHz-2.5GHz/5GHz-6G

Jamming Frequency Bands:

433MHz/900MHz/1.2GHz/

1.4GHz/1.5GHz/2.4GHz/5.2GHz/5.8GHz

1. Zero occurrence of false positives.
2. Detection: Utilizes spectrum sensing and AI technology to identify UAV control and video transmission links, covering 97% of models (including DJI drones, FPV drones, etc.)
3. Countermeasure: Employs narrowband jamming and RF suppression to cut off remote control signals, forcing UAVs to land or return.



BF-ZF800

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4-6 channel

1. The device utilizes single switch technology to control power output.
2. It offers high effective power (channel power) and a long interference distance.
3. The device effectively segments frequencies, only interfering with drone control and video transmission frequencies without causing interference to others.
4. It is equipped with a built-in battery that can be easily removed through push-pull design, providing approximately 1 hour of battery life and requiring 4 hours for charging.
5. The slow start circuit design prevents ignition phenomena caused by mechanical switches, ensuring high integration and stable operation.
6. Frequency band: 900/1.5/2.4/5.8G or 433/900/1.2/1.5/2.4/5.8G

Portable drone countermeasures



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BF-Q4

Portable drone countermeasures

4 channel

Machine parameter

Battery capacity: 5000mA
Weight: 4.1kg
Packing weight: About 10.5kg
Host size: 60·37·7.5cm
Packing size: 70·40·14cm
Countermeasures range: 500-1000m
(depending on the type of drone and the altitude of the drone)



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Portable drone countermeasures

BF-Q6

6 channel

Machine parameter

Battery capacity: 5000mA

Weight: 4.1kg

Packing weight: About 10.5kg

Host size: 60·37·7.5cm

Packing size: 70·40·14cm

Countermeasures range: 500-1000 meters (depending on the type of drone and the altitude of the drone)



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Portable drone countermeasures

BF-Q8

6-8 channel

Machine parameter

Battery: 7000mA

Packing weight: About 13.5kg

Size: 72·30·15cm

(Host 7.5+ Fan 7.5)

Packing size: 80·47·26cm

Interference distance: 500-
1200M

(The specific distance depends on
the drone model and

The distance between the drone
and the pilot depends)

The device is equipped with
two external high-power fans
to enhance heat dissipation.



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Portable drone countermeasures

8-10 channel



BF-W8

Product
characteristics
02

1. Enhanced features include a spacious design for increased capacity and improved stability.
2. Equipped with an integrated fan, this device ensures efficient heat dissipation.
3. Customization options allow for enhanced power capabilities to meet specific requirements.
4. Utilizing single switch technology, the power output can be easily controlled.
5. The built-in battery features a removable push-pull design, providing a battery life of over 30 minutes.
6. This device encompasses infrared technology within its scope.

Machine parameter

01

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01. Main engine size: 19 • 5.7 • 11.6cm
02. Package size: 30 • 23 • 9cm
03. weight: 2.2kg
04. Single output: 1W
05. Total power: 10W
06. Frequency: Mobile 2-5G/WIFI/GPS(315/433MHz)
07. Can jam all GPS signals

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BF-5G-12

12 medium power signal blockers

-  Host size: 46·41.5·4.2cm
-  Weight: 3.6kg
-  Packing size: 52·17.5·12.5cm
-  Single output: 4W
-  Total power: 48W
-  Frequency band: Mobile 2-5G/WIFI/GPS



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High power 10-channel signal blocker

- 01 Main engine size: 32 • 24 • 6cm
- 02 Main engine weight: 4. 3kg
- 03 Single output: 10W
- 04 Gross power: 100W
- 05 Frequency band: Mobile 2-5G/WIFI/GPS
- 06 The sentence can be customized in 12 different ways.



BF-W100

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18 adjustable shields



BF-18KT

Host size: 42·23.5·6cm

Weight: 6kg

Outer packing size: 46.5·43.5·11.5cm

5 sets packing weight: 31kg

5 sets packing size: 49.5·44.60cm

Single output: 2W

Total power: 36W

Frequency band: Mobile 2-5G/WIFI/GPS

UHF/VHF/LOJACK

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10-channel super power cell phone signal blocker

BF-10KT

Weight: 17.6kg

Single output: 20-30W

Total power: 200-300W

Frequency:

CH1:4800-5000MHz	CH6:2500-2700MHz
CH2:3400-3600MHz	CH7:2300-2500MHz
CH3:750-850MHz	CH8:2000-2170MHz
CH4:1800-1920MHz	CH9:1800-1920MHz
CH5:850-960MHz	CH10:850-965MHz



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