



product structure

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Fixed UAV detection and countermeasures equipment

model number EXA2023

EXA2023 is an integrated UAV detection and countermeasures system, which is used for UAV detection, identification and countermeasures. The system integrates the collaborative spectrum sensing technology, uses the received UAV characteristic signal, and realizes the effective detection, identification and orientation tracking of the low-altitude UAV in the defense area through big data processing. Using radio countermeasures and blocking technology, the intrusion UAV can be effectively controlled. The system realizes low altitude three-dimensional protection within the radius of the defense area greater than 5000 meters, and has been widely used in government agencies, prison guards, aviation airports, military restricted areas, major activities and other fields.



Product feature

-  Passive passive detection, 360° full range
-  Directional countermeasures, high efficiency, low RF power
-  Identification and positioning UAV
-  All day, all day, unattended
-  Detection and countermeasures are integrated
-  It can detect up to 5km
-  Detection and countermeasure integrated, smaller, lighter
-  Open the recording of UAV signal characteristics

Fixed UAV detection and countermeasures equipment

model number EXA2023

Product Parameter

Detection parameter	Detection range	50MHz~6GHz
	Detection radius	≥5000m
	Real-time processing broadband	160MHz
	Ranging accuracy	≤10%R
	Horizontal range	0-360°
Countermeasure parameter	Counter band 1	800MHz
	Counter band 2	900MHz
	Counter band 3	1.5G
	Counter Band 4 (Dual module)	2.4G
	Counter band 5	5.2G
	Counter Band 6 (Dual module)	5.8G
	Counter band 7	433MHz
	Counter band 8	Definable (reduced 2.4 and 5.8 modules)
	Countermeasure distance	1000m-2000m
	Response time	≤3s
Operating system	White list	have
	Unattended operation	have
	Data storage, historical track playback	have
	Signal recording	have
	Single station positioning	have
	Sound and light alarm function	have
Machine parameter	Class of protection	Class
	dimension	W=500mm, H=500mm
	weight	14KG
	Maximum power consumption	Detection ≤60W; 7 band counter <750W
	Operating temperature	-30°C~60°C
	Box size	700*700*700mm(Length * width * height)

Radar

model number: EXA-8D

By transmitting electromagnetic wave and receiving the echo signal reflected back by the target, the radar detection equipment can obtain the position, speed, distance and other information of the target, which can realize the detection and positioning of common civilian UAVs.



Product Parameter



Operating frequency	K-band, 24.05~24.15GHz
Working system	Frequency modulated continuous Wave (FMCW)
Peak/average transmit power	≤3W
Maximum detection range	≥2500M (Mini drone RCS=0.01 m ²)
Stable tracking range	≥2000M (Mini drone RCS=0.01 m ²)
Range accuracy	3 meters
Horizontal detection range	0° ~ 360°
Pitch detection range	-14°~90°(adjustable)
Quantity can be tracked simultaneously	≥20
Radar supply voltage	170~264VAC (50/60Hz)
Radar power consumption	Less than 110W
Standby operating temperature	- 25°C ~ +55°C
Expand the withdrawal time	< 5minutes
Communication interface	RJ45 port /RS485
Enclosure protection level	IP65
Radar size	< 30kg
Defense area mapping	Can support the drawing of arbitrary polygon defense area

Backpack drone counter device

model number: EXA-8D

This product is mainly used for drone countermeasures, driving and forced landing of drones within the range of vision. This device can be customized according to customer requirements (frequency band, power, color appearance), using a backpack, can be carried for a long time, built-in battery, unlimited use of more convenient, to meet a variety of use needs.

Product feature

- ((())) Single switch, simple operation
- 🎯 Multi-band countermeasures
- 📍 Identification and positioning UAV
- 🌐 Detection and countermeasures are integrated
- Σ Highly optimized antenna, good counter range



Product Parameter

Output end	operating frequency	Average output power
433M	430-440MHz	50W/47±1dbm
900M	855-935MHz	50W/47±1dbm
1.2G	1150-1300MHz	50W/47±1dbm
1.3G	1370-1450MHz	50W/47±1dbm
1.5G	1550-1636MHz	50W/47±1dbm
2.4G	2400-2500MHz	50W/47±1dbm
5.2G	5135-5350MHz	50W/47±1dbm
5.8G	5712-5920MHz	50W/47±1dbm
power supply: AC220V : battery capacity: 50Ah		
Covering distance: 1000m-1500m		
Machine weigh: 28kg : with packaging weight: 28.5kg		
Chassis size: 39*23*62 cm (L * W * H)		

Portable drone Countermeasures (10 channels)

model number: EXA-BX01

The portable UAV countermeasures equipment is mainly for the UAV or the flying model in the flight state to carry out compulsory control, remotely cut off the contact between the UAV and the remote control, through the equipment can be forced to land or force the return of the UAV, to ensure the safety of the low-altitude airspace in the region. Cut off any signal contact between the drone and the controller. The ground controller of the drone cannot receive aerial video or pictures. The drone is unable to locate, forcing the drone to land, hover, or turn back.



Product Parameter



index	parameter
Counter band (10 channels, customizable)	433MHz/900MHz/1100MHz/1200MHz/1400MHz/1500MHz/2400MHz/5200MHz/5500MHz/5800MHz. (Frequency band customizable)
Radio frequency power	The power of each segment is more than 47dbm
antenna	Built-in directional antenna
Countermeasure distance	Open land ≥ 1000 m
Countermeasure mode	Forced return, forced landing, map transmission interference
Heat dissipation mode	Air cooling
Optional battery or power supply unlimited	Lithium battery 27V/5000mAh, continuous operation for more than 60 minutes, external charger. External power supply works indefinitely.
Equipment size	L42.9cm, W35.9cm, T20.6cm

Navigation decoy device

model number: EXA-YP-001

The navigation decoy device is specially developed to deal with various security threats brought by UAVs. By radiating low-power regenerative navigation satellite signals (the power is no more than 1W), it can invade the UAVs navigation system, so as to intercept and control the UAVs that need to use the navigation system for flight control, so that it cannot fly into the protected area and ensure the low-altitude safety of the area.



Product Parameter



Support band	GPS L1, GLONASS L1, Beidou and so on
Signal transmitting power	≤10dBm
Defensive distance	500m≤R≤1000m
The ability to work continuously and independently	24 hours autonomous operation
Policy support	Defense Mode, No-fly Mode, Directional eviction (optional)
Signal intrusion time	≤10s
Overall power consumption	≤70w
Operating temperature	-40°C ~ +70°C
Product weight	≤10kg (no Cable)
Explosion-proof class	Ex nA IIC T6
Explosion-proof class	IP65
Explosion-proof class	355mm×351mm×185mm














Vehicle-mounted drone detection and countermeasures equipment

model number: EXA-GZ-2023

The system should be able to sense early warning information in the surrounding area as the vehicle moves, Real-time display of target orientation, and real-time status monitoring, and can pass. The control terminal intercepts and handles the UAV target. This system adopts wireless. The electro-intelligent spectrum is a means of detection, which is equivalent to the attack means of broadband suppression technology. Combined as a whole, the formation of a regional net cover type protection means, constituting a comprehensive. Drone defense system. To achieve the defense target as the center, establish the radius not In the area of clearance less than 2 km, the UAV signal waves are realized. Time monitoring; Within the perimeter, drone signals will be picked up instantaneously, In a very short period of time, the defense system automatically starts the defense system to achieve zero. Automatic defense of man-machine targets.



Product feature

-  Detection and countermeasure integrated, smaller, lighter
-  Autonomously learning and identifying unrecorded drones
-  Identify the model and locate its azimuth and distance
-  Suitable for industrial, consumer and WIFI
-  Full band detection, from 70MHz to 6GHz;
-  Can handle more than 10 targets simultaneously
-  Unattended and manual, two modes
-  160MHz real-time processing bandwidth
-  The detection distance can reach 1km-3km
-  Special frequency hopping signal recognition technology
-  Intelligent gain and reference level patented design
-  Aerial UAV signal feature recognition
-  Whitelist function

Vehicle-mounted drone detection and countermeasures equipment

model number : EXA-GZ-2023

Product Parameter

Device type:	Spectrum detection and counter
Radio frequency:	From 70MHz to 6GHz
Real-time detection bandwidth:	160MHz
Horizontal detection Angle range:	0° ~ 360°
Detection distance:	1-4KM
Counter range:	> 1 km (100 m high)
Countermeasure frequency: Default value Default value Default value Default value	900-930MHz 40±1dBm 1559-1610MHz 40±1dBm 2400-2485MHz 40±1dBm 5725-5850MHz 43±1dBm
GPS automatic positioning:	√
Device direction sensing of the north pointer:	√
Set the white list:	√
WIFI drone recognition:	√
Identify industrial jump drones	√
Autonomously identify unrecorded drones:	√
Working temperature:	-20° ~ 60°
Storage temperature:	-40° ~ 70°
Maximum power consumption:	<280W(sending)
Size:	682mm*538mm*345mm
Weight:	25Kg
Protection level:	IP65







Uav and pilot positioning System

model number:EXA-FS-001

The UAV and pilot positioning system includes mobile hardware and a locally installed web application system that can locate multiple UAVs and their controllers at the same time within a certain range. The system continuously monitors the surrounding RF environment and displays the geographic location of the drone and remote control.

The principle of the system is to receive the drone beacon signal and decode the information in the radio message. The extracted information includes but is not limited to UAV model (SN code), remote control geographical location, return point geographical location, UAV current location, flight speed, flight altitude, etc. The system includes apis for forwarding inspection data to other systems, facilitating connections between individual systems.

Product feature

-  The single device can display the position of the flying hand in real time
-  It can locate the flying position of the drone
-  The unique serial number of the UAV can be identified
-  Multi-unit networking
-  Second-level deployment, ready to boot
-  Suitcase portable design, small size, carry around



Product Parameter







Detection range	0-2KM (The range depends on the antenna installed on the device)
Detection time	Under normal circumstances ≤ 30 seconds (the detection time may change as the distance of the drone increases)
Overall power consumption	50W
Temperature resistance	- 30°C ~ 50°C
weight	15KG
Drone models can be detected	DJI Phantom 3, DJI Mavic 2, DJI Mavic 3, DJI FPV, DJI 2S, DJI M300,
dimension	460*370*200mm

Uav and pilot positioning System

model number:EXA-FS-001-MINI

The principle of the system is to receive the drone beacon signal and decode the information in the radio message. The extracted information includes but is not limited to UAV model (SN code), remote control geographical location, return point geographical location, UAV current location, flight speed, flight altitude, etc. The system includes apis for forwarding inspection data to other systems, facilitating connections between individual systems.

Product feature

-  The single device can display the position of the flying hand in real time
-  It can locate the flying position of the drone
-  The unique serial number of the UAV can be identified
-  Multi-unit networking
-  Second-level deployment, ready to boot
-  Portable design, small size, carry around



Product Parameter

Detection range 1-3KM (The range depends on the antenna installed on the device)

Detection time Under normal circumstances ≤ 30 seconds (the detection time may change as the distance of the drone increases)

Overall power consumption 50W

Temperature resistance $-30^{\circ}\text{C} \sim 50^{\circ}\text{C}$

weight 2KG

Drone models can be detected Phantom 4 Pro V2.0 Inspire series/Mavic series Avata series/Matrice series, DJI Mini series/AIR series, DJI FPVseries/MG-1P/T16/T20

dimension 280mm * 150mm * 50mm

Handheld drone direction finding device

model number: EXA-BXCX-002

The handheld UAV direction finding device integrates spectrum sensing and artificial intelligence technology, with reconnaissance, direction finding, display control and networking functions, and can effectively detect and identify all kinds of "unqualified flight" drones.



Product Parameter

Screen control	Standard configuration
Screen display	Uav model and picture, frequency band information, UAV signal strength
Control button/touch	Power supply, volume/vibration control, brightness adjustment, mode conversion, direction recognition
Alarm mode	Sound, vibration, interface display (alarm cycle can be adjusted)
Detection band	1.4G:800-1500MHz 2.4G/WiFi: 2400-2485MHz 5.2G/5.8G High speed drone UAV FPV: 5150-6000MHz
Detection range	>2.5km (open area)
Detector type	Fixed wing UAV /FPV/Racing/WiFi /DIY UAV
Detection response speed	< 3s
Direction finding accuracy	< 20°
False alarm rate	≤5%
Missing report rate	≤5%
Main engine weight	1.2Kg
Class of protection	≥IP54
Operating temperature	-20 ~ 50°C
Power supply	built-in lithium battery 12hours 28V/3000mAh
Standard configuration	omni antenna*1:2.4GHz 和 5.8GHz (customizable frequency band) directional antenna*2: 2.4GHz和5.8GHz (customizable frequency band) Charger * 1, protective case *1

Handheld drone detector

model number: EXA-BX-002

The handheld UAV direction finding system integrates a variety of technologies such as collaborative spectrum sensing and deep neural network. Through radio detection technology, the system uses the received UAV characteristic signals, big data processing, artificial intelligence and machine learning to achieve effective detection, identification and orientation tracking of low-altitude UAVs in defense areas.



Product Parameter

Product function	Drone detection, identification, early warning, sound, light and vibration alarm
Operating frequency band	433/845/915/1440/2450/5200/5800MHz
Detection range	2000m
Endurance time	Normal mode: Continuous target (7h) Standby mode: No target (9.5h)
Charging time	Support fast charge, 3h full
Device size (excluding antenna)	W:87mm L:204mm T:49mm
Antenna size	D:18mm L:190mm
Equipment weight	690g
Operating temperature	-20 ~ 55°C
Recognition ability	Can identify mainstream and other UAV
Strong and durable	reinforcing design
Battery capacity	5000mAh 37Wh 7.4V
Detection time	12 frequency band scanning time: 8s
Target display	The screen displays drone information in real time
Battery size	W:79mm L:104.5mm T:25mm
Detection type	Spectrum identification
Class of protection	IP66
Screen size	3.5 inch, resolution: 320 * 480

Assembled miniature UAV detector

model number: EXA-PP-05

Uav detector is an assembled miniature UAV detector customized for civilian UAV black flight prevention and control UAV counter-gun demand, which can be flexibly assembled on a variety of UAV counter-gun direct use, is the best partner of UAV counter-gun. It can also be used separately in hand, or optionally set up with a grip and tripod; The detector belongs to passive detection, through the radio spectrum detection method detection, truly achieve no interference and no radiation, the operator can carry the detection work for a long time, the built-in directional antenna, to achieve the target and direction of the drone countermeasures.

Field measurement data, DJI spirit 4, the relative height of 100m, the farthest detection of 3.5 km (2.4G), 1.5 km (5.8G). Contact us for a video and graphic report of the outdoor test.



Product feature

- ((())) Ultra-cost-effective remote detection
- 🎯 Integrated design dual frequency detection
- 📍 Audible and visual alarm, listening duty
- 🕒 Electromagnetic signal strength can be displayed
- 🌐 Working hours are more than 8 hours
- Σ Independent research and development, customized services
- ((())) Suitable for various UAV countermeasures
- 🎯 Rechargeable lithium battery, power display
- 📍 1.8-inch display, dynamic graphics
- 🕒 Suitable for all kinds of counter-guns, lightweight and portable
- 🌐 Can directly measure display spectrum confirmation signal
- Σ Provides detection mode, quick sensitivity switching
- 🌐 Built-in data analysis algorithm to avoid false positives

Assembled miniature UAV detector

model number: EXA-PP-05

Product Parameter

Detection frequency band	2.4GHz & 5.8GHz dual band
Detection mode	Radio spectrum exploration (passive)
Detection range	Greater than 2km @2.4G, 1km @5.8G (built-in directional antenna @ relative height 100m@ open without strong interference)
Response time	3s respond to alarm @ Standby; 6s responds to alarm @ Shutdown → Power on
Alarm mode	Sound alarm, dynamic warning graphics flashing
Display screen	1.8 "LED HD color screen
Port	Micro USB charging port
Working mode	Detection mode (easy), debugging mode (professional), measurement spectrum mode
Operating keyWorking power supply	Up and Down keys: Power on, menu, Confirm, parameter adjustment Up and down select Add, subtract key: parameter adjustment add, subtract
Physical parameter	Built-in 5000mAh large-capacity lithium battery, working time >8 hours, direct power supply can work continuously
Standard configuration	250x55X73mm(without support), 470g(with support)
assortative	Micro drone detector, assembly rack, charging kit, packing box
Product name	Grip kit, tripod kit

Drone countermeasure Shield

model numbe: EXA-FZD-001










Drone countermeasure Shield is carefully developed into a special UAV control product for domestic and foreign by combining advanced technology at home and abroad. The product is green environmental protection countermeasures instrument; Formulating remote control signals of low-altitude drones at the scene for countermeasures has no impact on the use of surrounding signals such as mobile phone communications, carrier base stations, car remote control, police radar, etc. 4~5 signal output (remote control 2.4G/5.8G/900/400, positioning GPS) is used to intercept the signal and the UAV is out of control. This product has been tested for many times the actual distance 1500-2500 meters per second speed countermeasures; Realize long-distance cut off the communication and navigation between the drone and the remote control pilot, and effectively drive the drone away or forced landing.

Product Parameter

Product description	Portable drone defense shield
Operating frequency	Remote control video: 2.4G/5.8G/900 Navigation: GPS, GLONASS/ Beidou
colour	black
Power supply mode	Internal battery DC24V/4500mA External backup battery
Endurance service	The built-in battery works for 100-120 minutes
Operating temperature	-40°C ~ +80°C
Overall power consumption	150W
Machine weight	1.7KG
Overall size	300X180X60mm



Product feature

-  Imported chip, ultra-high speed sweep frequency technology
-  Ultra-wideband high-gain integrated antenna
-  Built-in battery, portable, easy to operate
-  Aluminum shell, intelligent temperature control heat dissipation
-  Effective countermeasures range 1.5-2.5 KM
-  Visible part: The power switch includes a power indicator
-  One-handed control
-  Counter mode conventional signal, frequency modulation, spread spectrum control and other full frequency coverage speed risk control seconds
-  The control switch is independently designed for drone control blocking, eviction and forced landing

Drone Counter Gun

model numbe: EXA-FZ-003

The gun-type UAV driving device is mainly for the compulsory control of the UAV or the flying model in the flying state, and the contact between the UAV and the remote control person is cut off at a distance. The interceptor can force the UAV to land or return to the air to ensure the safety of the low-altitude airspace in the region. Cut off any signal contact between the drone and the controller. The ground controller of the drone cannot receive aerial video or pictures. The drone is unable to locate, forcing the drone to land, hover, or turn back.



Product Parameter

Main engine size	Length 78cm, width 26cm, thickness 7cm
Size of the detector	Physical parameters: 250x55X73mm(without support), 470g(with support)
Power supply	The battery is removable. Equipped with two sets of carp batteries: 27V/5000mAh and 27V/8000mAh for 4 to 5 hours of continuous operation, external charger.
Detection frequency band	2.4GHz & 5.8GHz dual band
Response time	3s responds to alarm @ Standby: 6s responds to alarm @ shutdown Once the system starts
Alarm mode	Sound alarm, dynamic warning graphics flashing
Detector display screen	1.8inchLED HD color screen
port	Micro USB charging port
Working mode	Detection mode (easy), debugging mode (Professional), measurement spectrum mode
Working power supply	Built-in 5000mAh large-capacity battery, working time >8 hours, direct power supply can work continuously
Mode of operation	One or two hand operation, can open any three frequency bands
Heat dissipation mode	Air cooling
Interception mode	Forced return, forced landing, hover, map transmission interference
Intercept channel	Three channels
Support band	Satellitenavigation:1560-1620MHz one way: remote control and data transmission: 2400MH-2500MHz Twoway remote control and datatransmission :5725-5850MHz. (Optional 900M/1.2G/ reduced by 2.4G/5.8G for each)
Radio frequency power	GPS-1.5G: 20W, two 2.4G: a total of 33W, two 5.8G: a total of 36W
antenna	built-in
Control distance	Open land \geq 1500 m
weight	Approx 6.5Kg (without charger)

Drone Counter Gun

model number: EXA-FAQ-008F

Product Parameter

output end	working frequency	Average output power	Channel output power
433M	433MHz	40dBm	20dBm/30KHz(min)
900M	860-930MHz	40dBm	20dBm/30KHz(min)
1.2G	1160-1220MHz	40dBm	20dBm/30KHz(min)
1.4G	1400-1450MHz	40dBm	20dBm/30KHz(min)
1.5G	1150-1620MHz	44±1dBm	20dBm/30KHz(min)
2.4G	2400-2500MHz	44±1dBm	20dBm/30KHz(min)
5.2G	5150-5350MHz	44±1dBm	20dBm/30KHz(min)
5.8G	5725-5850MHz	44±1dBm	20dBm/30KHz(min)

battery: 7500mA power supply: 29.4V 2A








Main engine weight: About 6Kg
with packing weight: about 11Kg

Dimensions (W × H × L) : 72-30-15 (host 7.5+ fan 7.5) cm

Interference distance: 800-1500M (the specific distance depends on the model of the drone and the distance between the drone and the pilot)



Product feature

-  The UHF broadband seamless interference technology is used to control the power output by single-channel switching technology
-  High effective power and long interference distance
-  Effective segmentation only interferes with drone control and video transmission frequencies, and will not interfere with other frequencies
-  Built-in battery (plug-in design, removable battery), lasting more than 30 minutes
-  Two external high-power fans for better heat dissipation
-  Imported devices, slow start circuit design
-  High integration, stable work

Drone Counter Gun

model number: EXA-ZCFZ-001

The portable UAV Detection and Strike integrated device integrates spectrum sensing, artificial intelligence and radio interference technology with detection, countermeasures, display and control, power supply and networking functions to effectively detect, identify and counter all types of UAVs.



Product Parameter










Screen control	5-inch touch screen (resolution: 800*480)
Display content	Power display, UAV model and schematic picture, frequency band information, UAV signal strength, locking direction, detection diagram
Button/touch function	Power physical button, touch sound switch control, strike switch control, touch vibration switch control, brightness adjustment, detection/direction finding/strike/setting mode conversion, target direction recognition
Alarm mode	Sound, vibration, interface display
Detection band	2.4G: 2400-2485MHz 5.8G: 5150-5950MHz
Detection range	>1.5km horizontal coverage 360°
Detector type	Fixed wing aircraft, FPV, WiFi
Detection response speed	<6s
Direction finding accuracy	< 20 °
False alarm rate	= 5%
Missing report rate	= 5%
Interference band	900 MHz / 1.5 GHz / 2.4 GHz / 5.8 GHz
Interference distance	1.5km(open area)
Interference power	20W/ Single band
Interference mode	Interference mode
Operating temperature	-20 ~ 50°C
Charging interface	1B2 core aviation socket
Working hours on full charge	>8 hours
Class of protection	=IP54
Power supply	Built-in removable carp battery 28V/6000mAh Power supply Supports external USB SV power supply
Display language	Default: Russian, other languages can be customized
Standard configuration	Portable detection and shooting integrated jamming gun, equipment charger, packing box
Equipment weight	3.2 Kg
Box weight	5.2 Kg
Box size	350*800*160 (mm)

Drone Counter Gun

model numbe: EXA-BF-W8



Product feature

-  Using UHF broadband seamless jamming technology
-  Single-channel switching technology controls power output
-  High effective power (channel power)
-  Interference distance
-  Effective segmentation only interferes with drone control and video transmission frequencies, and will not interfere with other frequencies
-  Push-pull design with removable battery
-  Multi-band (8-band) interference can counter most black drones
-  Imported devices, slow start circuit design, can avoid the mechanical switch caused by the ignition phenomenon, high integration, stable work
-  Infrared laser sight is used

Product Parameter

output end	working frequency	output power	remark
433M	433MHz	10W	
900M	860-930MHz	10W	
1.2G	1160-1220MHz	10W	
1.4G	1400-1450MHz	10W	Can be made into other frequency bands (generally made 2.4)
1.5G	1150-1620MHz	30W	
2.4G	2400-2500MHz	30W	
5.2G	5150-5350MHz	25W	
5.8G	5725-5850MHz	25W	

Power supply: 29.4V2A Battery: 8000mA Continuous power supply: ≥30min

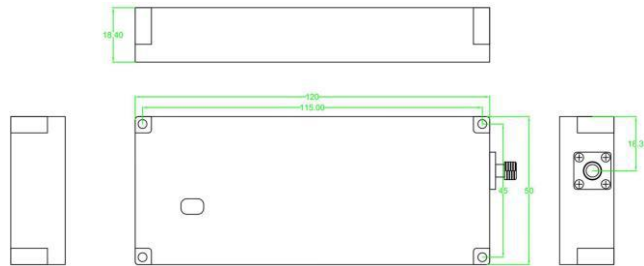
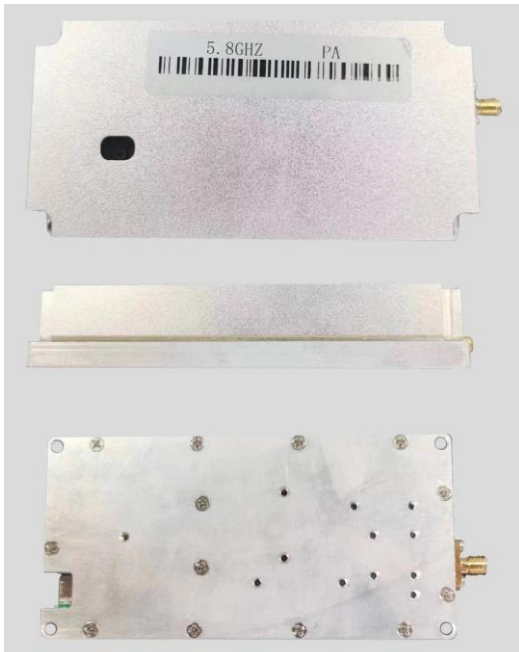
Main engine weight: 8.2kg Main engine size: 88·35·10cm

Countermeasures distance: 700-1500 meters (depending on the type of drone and the flight height of the drone)

Product list: Host + battery + charger + scope + aviation case (each one, according to customer requirements, batteries can be paid more.)

Power amplifier module

model number: EXA-ZCFZ-001



Product Parameter

index	5.8GHz	2.4GHz
Operating frequency	5712-5920MHz	2400-2500MHz
Maximum output	47dBm	47dBm
Output power	50W	50W
In-band gain flatness	$\leq 1+0.5\text{dBm}$	$\leq 1+0.5\text{dBm}$
Working current	4A	4A
Clutter suppression	$\geq 65\text{dBm}$	$\geq 65\text{dBm}$
Harmonic suppression	$\geq 11\text{dBm}$	$\geq 11\text{dBm}$
Rf output interface	Socket	NSocket
27V power supply port	Through the core capacitor/red and black lines	Through the core capacitor/red and black lines
VCC power supply reference	28V(24-28V)	28V(24-28V)
Mounting dimension	115*45	115*45
Overall dimension	120*50*18.4	120*50*18.4
Installation mode	A radiator/antenna must be installed for the power amplifier	A radiator/antenna must be installed for the power amplifier