Leading Manufacturer of Anti Drone Solutions

TATUSKY TECHNOLOGY

Urban Security • Sensitive Site Protection • Event Safety

Add: Room 1701, Building A, Rongfeng Center, No. 12, Science and Technology Park Road
Longgang District, Shenzhen,China

Email: info@tatusky.com

Web: https://www.tatusky.com/

TATUSKY TECHNOLOGY CO.,LTD

TATUSKY

TTSKW07

PORTABLE BROADBAND DRONE DETECTION DEVICE

This device is a portable detection solution designed for identifying mainstream rotary-wing drones (e.g., DJI, Autel) and analog FPV drones. With a low-power, high-integration design, it supports passive detection and is suitable for security, military, law enforcement, and critical infrastructure applications.

KEY FEATURES

Portable with Long Battery Life

Over 6 hours runtime per battery, lightweight and compact for single-person operation

Wideband Coverage

Supports 300MHz–6200MHz to detect mainstream video transmission signals

Multilingual Interface

Supports Chinese, English, and Russian

High Sensitivity

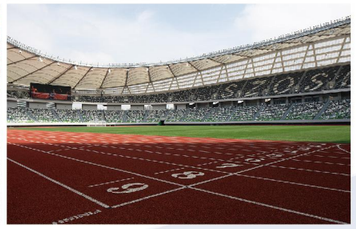
Detection sensitivity better than -96dBm with fast response and low false alarms

Audio-Visual Alarm & Logging

Built-in alert system with USB-exportable logs

APPLICATION SCENARIOS

Event Security



Major Sporting Events

Critical Mission Bases

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Receiving Frequency	300MHz – 6200MHz
Detection Type	OFDM HD image transmission, FM analog
Detection Range	⩾ 1km
Detection Sensitivity	Better than -96dBm
Alarm Type	Headphones, audio-visual alarm
Log Recording	Supports ⩾500 alarm records (via Type-C)
Power Supply	Removable lithium battery (Type-C charging)
Battery Life	⩾6 hours per battery
Dimensions	⩽ 135mm × 60mm × 35mm (excluding antenna)
Weight	⩽ 500g (with battery)
Power-on Method	Rotary knob
Control Method	Keypad operation

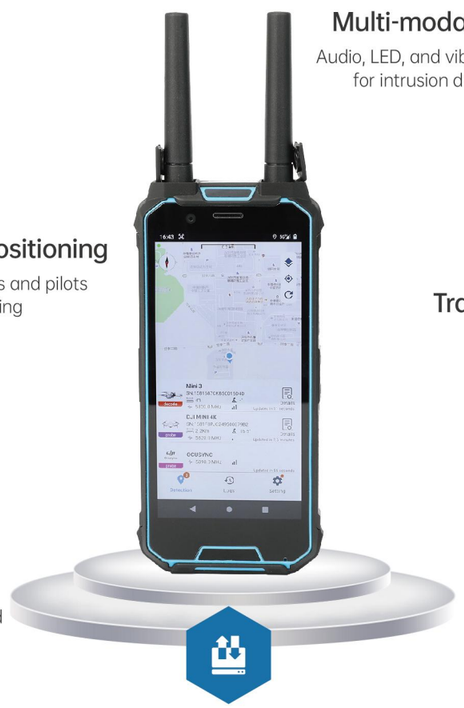
TATUSKY

TTSKL02

HANDHELD UAV DETECTION AND POSITIONING EQUIPMENT

TTSKL02 is a soldier-portable UAV regulatory device integrating spectrum detection, protocol analysis, and Remote ID recognition. It can independently realize real-time UAV detection and warning, and accurately locate the UAV and pilot (remote control) with trajectory tracking.

KEY FEATURES



Multi-modal Alerts

Audio, LED, and vibration alerts for intrusion detection

Multi-dimensional positioning

Real-time location of drones and pilots with live map tracking

Trajectory Replay & Analysis

Replay historical flights, visualize UAV activity statistics

Protocol Recognition

Supports DJI OcuSync, RID protocol, and WiFi UAV identification

Whitelist Management

Allows whitelist configuration to reduce false alarms

FPV Detection

Detects FPV drones and analyzes real-time video feed

APPLICATION SCENARIOS

Event Security

Major Sporting Events

Chemical Industrial Parks

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Frequency Band	100MHz~6GHz
Detection Range	1.5–3km
Response Time	3–5s
Positioning Range	Same as above
Concurrent Detection	⩾10 drones
Battery Life	4–6 hours

Mechanical Parameters

Item	Specification
Dimensions	185×80×33mm
Weight	650g (without antenna)

Electrical Characteristics

Item	Specification
Battery Capacity	8000mAh
Charging Time	~3 hours

TATUSKY

TTSKL03

HANDHELD UAV DETECTION AND POSITIONING EQUIPMENT

Based on CRPC 2.0 technology, it uses a deep data chain decoding solution to analyze and extract real-time flight attribute information from specific formatted data, accurately identifying drone graphic & video streams, SN number, geo-location, trajectory, altitude, speed, and remote control position. It quickly and accurately detects, identifies, and locates unauthorized drones.

KEY FEATURES

Position Navigation

Detect pilot location in real-time, one-click tracking of pilot and drone

Passive Detection

Passive receiving only, no electromagnetic emission, environment friendly

Black and White List

One-click whitelist/blacklist marking no alarms for whitelisted drones

Trajectory Tracking

Multi-target trajectory and pilot tracking

Precise Identification

Real-time precise recognition of drone SN, model, geo-location, speed, altitude, trajectory, and remote controller information

APPLICATION SCENARIOS

Event Security

Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Working Principle	Passive detection, no EM emission
Detection Bands	300-6000MHz
Sensitivity	-95dBm
Detection Distance	0~3km+ (varies by environment and drone type)
Response Time	⩽5 seconds
Detection Quantity	⩾12 drones simultaneously
Number of Drone Trajectories	⩾11 drones simultaneously
Position Accuracy	⩽3m (for decodable drones)
Drone Library	DJI OC, Mavlink, Parrot, TBS CrossFire etc.
Dynamic Detection Speed	⩾60 km/h (for decodable drones)
Screen Size	6.0 Inch
Battery Capacity	12000mAh
Endurance	3–4 hours
External Interface	Type-C, SMA antenna *2, 3.5mm audio out, SIM card slot
Charging Power	DC9V, 2A
Charging Time	⩽3 hours (0%-100%)
Power Consumption	⩽15W
Size	177mm × 89mm × 29.5mm (±2mm)
Weight	⩽580g (without antenna), each antenna ⩽46g

TATUSKY

TTSKC05

PORTABLE DRONE DETECTION DEVICE

This portable drone detector integrates software and hardware in a suitcase-style form, offering high mobility, strong identification capabilities, and long-range detection. It can be deployed within seconds and supports standalone or networked use, making it ideal for rapid response scenarios.

KEY FEATURES

Suitcase Design

Portable all-in-one solution
easy to carry and deploy

5 km Detection Range

Long-range monitoring adaptable
to diverse environments

Standalone or Networked

Works independently or as part
of a linked system

Full-Band Coverage

Detects across 70MHz–6GHz
focusing on key drone bands

Touchscreen Interface

User-friendly interface for ease of operation

Drone ID & Remote ID

Identifies SN, model, speed, position takeoff/home points

APPLICATION SCENARIOS

Event Security

Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Frequency Detection Range	70 MHz – 6 GHz (Focus on 400MHz, 850MHz, 900MHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz)
Supported Drone Types	300+ types including DJI, AUTEL, FPV, WiFi, etc.
Simultaneous Detections	⩾20 drones at the same time
Detection Rate	≧99.99%
Drone Identification	Supports Remote ID and DJI ID for SN, model, speed, altitude, path, operator location
Black & White List	Fingerprint-based classification (ID drones only)
Detection Distance	Up to 5 km (depends on drone type and environment)
Dimensions	50mm × 420mm × 220mm
Battery Life	6 hours (external power supply supported for 24h operation)
Operating Temperature	-20℃ ~ +65℃

TATUSKY

TTSKC01

PORTABLE DRONE DETECTOR

TTSKC01 portable drone detector adopts a briefcase design and supports offline/online modes. It has the characteristics of easy portability and rapid deployment By touching the screen, multidimensional data such as serial number, model, location information (latitude and longitude/azimuth/distance), flight speed, altitude, takeoffpoint, and controller location.

KEY FEATURES

Controller Location

Locate cotroller (pilot) (long./lat.)

Drone Detection

Detect various drones including DJI, WiFi, FPV models

Multiple Devices Networking

Multiple devices networked to cover large are

Trajectory Tracking

Real time display of drone trajectories

Drone Location

Locate drones (long./lat./height)

APPLICATION SCENARIOS

Event Security

Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Work mode	RF sensing
Frequency	900MHz、1.2GHz、2.4GHz、5.2GHz、5.8GHz
Swarm detection	~ 4 hours (running at 20°C)
Range	-20℃~65℃
Dimension	1-10km (varies due to environment and drone model)
Battery time	⩾10 concurrent drones
Work temperature range	L*W*H：520mm*415mm*224mm
Waterproof	IP65（Case closed）
Screen size	10.1 inches
Brightness	500cd/m²
Resolution	1080P

TATUSKY

TTSKC02

OMNIDIRECTIONAL UAV DETECTION SYSTEM

TTSKC02 is a high-performance omnidirectional UAV detection system that utilizes passive detection technology and supports 24/7 unattended operation. With a comprehensive drone model library, it can accurately detect and identify various types of drones, including the full DJI series, mainstream brands, and DIY UAVs.

KEY FEATURES

High-Capacity Detection
Detects 30+ drones simultaneously

Passive Detection
Receives only, with zero emission highly covert

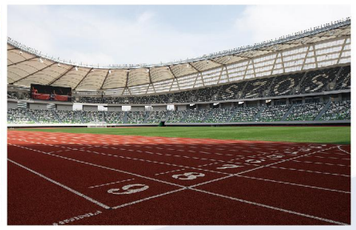
Accurate Identification
Distinguishes even drones of the same brand and model

Unattended Mode
Supports 24/7 autonomous detection and alerting

Blacklist/Whitelist Management
Mark trusted drones to avoid false alarms

APPLICATION SCENARIOS

Event Security


Major Sporting Events


VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Detection Mode	Passive – Receive only, no transmission
Supported Bands	FM, 2FSK, 4FSK, GFSK, MSK, BPSK, QPSK, OFDM, DSSS, FHSS
Detection Radius	5 km (depending on environment and drone type)
Detection Mode Type	Panoramic scanning / Channel scanning
Simultaneous Detection	⩾30 drones
Sensitivity	Better than -115dBm (25kHz)
Dynamic Range	70 dB
Directivity	360° omnidirectional
Power Supply	Built-in battery (15h); also supports AC 220V
Operating Time	24/7 unattended or 15h continuous operation
Dimensions	470 × 357 × 176 mm (closed cover)
Weight	⩽13kg

TATUSKY

TTSKXM

FIXED UAV DETECTION SYSTEM

TTSKXM is a fixed monitoring system integrating drone signal detection, positioning, tracking, and data analysis. It provides real-time multidimensional information of drones and their operators. Suitable for low-altitude security, supporting standalone or networked operation for flexible deployment.

KEY FEATURES

Strong Compatibility

Supports mainstream brands like DJI, AUTEL and various communication protocols

High-precision Positioning

Positioning accuracy within 10 meters azimuth error within 1.5 degrees

Full-band Coverage

Supports 100 MHz to 6 GHz, covering mainstream drone signal bands

All-weather Operation

24/7 continuous work, waterproof and dustproof suitable for harsh environments

Multi-target Tracking

Simultaneously detects and tracks 5 or more drones

APPLICATION SCENARIOS

Power Grid Systems

Major Sporting Events

Critical Mission Bases

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Detection Frequency Band	100 MHz – 6000 MHz
Detection Range	1 – 10 KM
Detection Altitude	0 – 1000 M
Simultaneous Drones Detected	⩾5 drones
Positioning Accuracy	⩽10 meters
Azimuth Error	⩽1.5° RMS
Detection Success Rate	⩾95%
Identification Response Time	⩽5 seconds
Operating Temperature	-20℃ ~ +65℃
Protection Level	IP65
Power Consumption	⩽100W
Device Weight	⩽15kg

TATUSKY

TTSKF08

PORTABLE FPV SUPPRESSOR

TTSKF08 is a compact, waterproof, and portable FPV signal suppression device designed to disrupt FPV video transmission. It features IP68-level waterproof protection and supports multiple deployment options, including shoulder carry, tripod mounting, and in-vehicle installation.

KEY FEATURES

Fast Charging
Fully recharged in under 2 hours

Aluminum Housing
Durable and heat-dissipating

IP68 Waterproof
Fully protected for harsh outdoor use

Flexible Mounting
Wearable, tripod or vehicle-mounted

Lightweight & Compact
Only 1.2kg, highly portable

Battery LCD Display
Real-time battery status

High Output Power
40W, effective jamming beyond 300m

APPLICATION SCENARIOS


Event Security


Major Sporting Events


VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Frequency Range	100~6G (Customizable)
Output Power	50W(One band) 60W(Two band) 30W each
Working Time	1 hour
Battery	28V / 3300mAh
Current	3.2A@28V
Efficiency	55%@46dBm
RF ON/OFF	Yes
LCD Button	Yes
Shell Material	Aluminum Alloy
Size	177 × 85 × 43mm
Weight	1.2kg
Hot selling parameters	700-1000mHz+2.4G/720-1020mHz+2.4G

TATUSKY

TTSKP08

GUN TYPE ANTI-DRONE DEVICE

This device is an integrated high-power jamming gun supporting multi-band interference. It can force drones to return, land, or cut off video transmission. With a built-in battery and high portability, it is suitable for low-altitude security scenarios such as airports, government facilities.

KEY FEATURES

Multi-Band Interference

from 400MHz to 5.9GHz

Strong Applicability

Suitable for outdoor and harsh environments

Output Power

Up to 180W output power
effective range up to 2km

Accurate Jamming

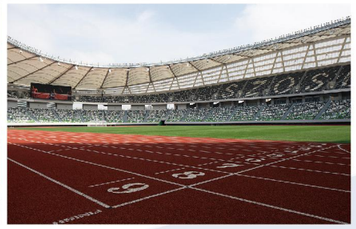
Directional antenna design for accurate jamming

Portable

Portable gun-style structure, shoulder-mountable

APPLICATION SCENARIOS

Power Grid Systems



Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Frequency Bands	410-460MHz；824-960MHz；1100-1300MHz；1350-1450MHz；1550-1650MHz；2400-2500MHz；5150-5250MHz；5700-5900MHz
Function	Force Return / Forced Landing / Video cut
Effective Range	1-2km
Output Power	180W
Size	710×290×70 mm
Weight	6.0kg
Voltage	AC220V to DC29.4V
Power Supply	Built-in 24V 5AH Lithium Battery
Antenna	45° Vertical & 45° Horizontal Beamwidth
Operating Temp.	-20℃ ~ +45℃
Protection	Outdoor Capable

TATUSKY

TTSKFQ28

BACKPACK-STYLE DRONE SUPPRESSOR

TTSKFQ28 is a backpack-style anti-drone device equipped with UHF broadband jamming technology. It delivers precise interference to drone control and video transmission frequencies. With one-button operation, clear band separation, and robust portability.

KEY FEATURES

Equipped with 8 SMA/N Antenna Ports

(400M~5.8G bands)

UHF Broadband

Uses UHF broadband seamless jamming technology

Precise Band Segmentation

No interference with unrelated signals

High Effective Power

Longer jamming range

Custom Frequency

Custom frequency options available

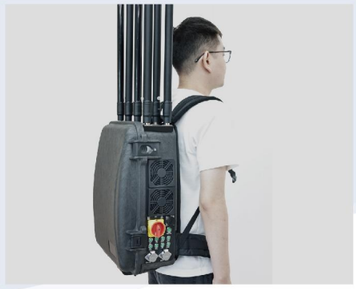
APPLICATION SCENARIOS

Event Security

Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL



TECHNICAL SPECIFICATIONS

Item	Specification
Jamming Bands	433MHz / 500MHz / 900MHz / 1.2GHz / 1.5GHz / 2.4GHz / 5.2GHz / 5.8GHz
Frequency Range	400~6000MHz
Output Power	30–50W per channel, Upto 400W
Power Supply	AC220V to DC24V
Jamming Range	500–1500m omnidirectional
Antenna Ports	8 N-type directional ports
Battery	Built-in rechargeable lithium battery
Battery Life	Approx 1 hour
Charging Time	Approx 6 hours
Power Consumption	360W
Dimensions	370 × 240 × 510 mm
Weight	16kg

TATUSKY

TTSKB10

BACKPACK-STYLE PORTABLE ANTI-DRONE SUPPRESSION SYSTEM

As illegal drone activities increase, the TTSKB10 backpack-style anti-drone device provides a reliable mobile suppression solution. Designed for portability and efficiency, it integrates high-power multi-band jamming, long battery life, and directional/omnidirectional antenna options。

KEY FEATURES

Independent Channel Control
for each band

Multi-band Jamming
Customizable frequency and power options

Flexible Power Supply
internal battery and external DC24V input

Versatile Deployment for Emergencies
mobile operations and temporary control

Slow-start Circuit Design
prevent power surges at startup

Long Battery Life
40–60 minutes with built-in battery

APPLICATION SCENARIOS

Event Security

Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Frequency Range	400MHz~5.8G (Customizable，8 bands)
Output Power	50W (each band) / 47dBm
Backpack Size	350 × 160 × 440 mm
Set Weight	23.8 kg
Battery Life	40–60 minutes
Charging Mode	29.4V Charging adapter

TATUSKY

TTSKF07

PORTABLE DRONE DETECTION DEVICE

It features high efficiency, portability, and ease of use, utilizing advanced signal jamming technology to quickly detect and disrupt FPV drone communication signals for effective countermeasures, suitable for various emergency scenarios.

KEY FEATURES

45-Degree Antenna Layout

Covers blind spots of omni-directional antennas for enhanced jamming effect

Vehicle-Mounted Design

Equipped with four ultra-strong magnets for easy magnetic attachment on car roofs; supports DC12-24V wide voltage power supply for connection to vehicles or mobile power sources

Multiple Frequency Bands Customization

Tailored frequency bands per customer needs to adapt to complex environments

Full Aluminum Shell Design

Features a high-power cooling fan for excellent heat dissipation and stable operation

High-Efficiency Interference

Uses advanced jamming technology targeting FPV drone communication bands, quickly disrupting control signals to cause drone loss of control or flight failure

APPLICATION SCENARIOS

Event Security

Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Frequency Range	100MHz~5.8G Customized frequency bands
Operating Voltage	DC 12-24 V wide voltage power supply
Interference Range	Over 500m
Body Material	Aluminum alloy for excellent heat dissipation
Mounting Method	Magnetic mounting for easy car roof installation
Cooling Method	High-power cooling fan to ensure stable operation
Antenna Layout	45-degree multi-antenna layout for enhanced coverage and jamming effect

TATUSKY

TTSKF09

VEHICLE-MOUNTED FPV UAV JAMMER

This equipment is specially designed for FPV drone defense during movement. It disrupts the control and image transmission signals of drones, forcing them to return or land. Installed on the roof of various vehicles, it provides drone defense protection while on the move.

KEY FEATURES

Operates in Extreme Temperatures
suitable for all-weather deployment

Covers a Wide Range of Frequencies
customizable to various FPV drones

Built-in large-Capacity Battery
Supports 1–1.5 hours of continuous operation

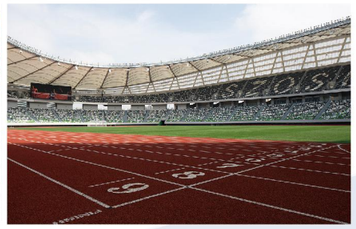
Multi-Angle Interference
Omni 360° vertical and 65° horizontal interference angle for complete coverage

Easy-to-Use Control Panel
Simple operation

High Output Power
Effective jamming distance up to 2 km

APPLICATION SCENARIOS

Event Security



Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Working Frequency	400MHz~5.8G Support Customized
Total Output Power	400W
Power Consumption	About 800W
Antenna Gain	3–8 dBi
Antenna Working Angle	Omni 360° vertical; 65° horizontal
Jamming Distance	300–2000m (Depends on jamming ratio / RC power, etc.)
Power Supply	DC 24–29V external battery, charged via AC220V
Battery	1000Wh battery, 1–1.5h continuous operation
Control Method	Control panel
Dimensions	Φ60cm × 35cm
Weight	20KG
Operating Temperature	-40℃ ~ +65℃

TATUSKY

TTSKF04

PORTABLE UAV COUNTERMEASURE EQUIPMENT

This device is a portable, high-power UAV countermeasure system designed for rapid deployment and mobile operations. It features a compact form factor with an aluminum housing and built-in fans to ensure effective heat dissipation. Capable of jamming up to multiple frequency bands simultaneously with independent power control, it offers powerful suppression for FPV drones even in complex signal environments.

KEY FEATURES

Efficient Cooling

Aluminum alloy heatsink + dual fans ensure stable performance

Compact and Powerful

50W per band, portable and easy to deploy

Customizable Frequency

Supports frequency customization in 100MHz to 5.8G range, 3~8 bands.

Modular Bracket

Removable antennas and mount for transport flexibility

APPLICATION SCENARIOS

Event Security

Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Jamming Frequencies	100MHz~5.8G (Supports Custom Frequencies)
Charging Voltage	12–24V / 220V Supports battery and AC power
Working Time	Up to 60 minutes (1 battery)
Battery	Built-in and External: 20Ah 7S
Device Size	330 × 235 × 160 mm
Antenna Size	400mm long, Ø32mm
Weight	9.5kg
Material	Aluminum
Cooling System	Aluminum heatsink + 2 fans
Antenna Connector	N-Type
Mount/Bracket	Removable
SIR (Signal to Interference Ratio)	5:1 or 5000m RC-to-Drone vs. 1000m Jammer-to-Drone
Total Output Power	50W each bands

TATUSKY

TTSKURA500

HANDHELD INTEGRATED UAV DETECTION & COUNTERMEASURE DEVICE

This device integrates UAV detection, direction finding, positioning, and jamming functions, enabling fast identification and response against UAV threats. It supports precise positioning of DJI UAVs and remote controllers using OcuSync2 and OcuSync3 protocols. Featuring directional indication, intrusion alerts, model identification, and swappable battery design.

KEY FEATURES

Supports DJI UAV & controller positioning (OcuSync2/3)

All-in-one detection and jamming capability

Direction finding with compass display

Swappable battery design for extended operation

Identification of UAV model and frequency information

Sound and light alerts for UAV intrusion

APPLICATION SCENARIOS

Event Security

Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Detection Performance

Item	Specification
Recognized UAV Models	DJI, Autel, ZLLRC, Yuneec, and FPV drones; expandable database
Locatable UAV Models	DJI drones using OcuSync2 (O2) and OcuSync3 (O3) protocols
Detection Frequency Bands	433MHz, 845MHz, 915MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Range	500 – 1500 meters (affected by environment and UAV type)
Direction Finding Accuracy	⩽30° (RMS)
Positioning Accuracy	⩽10 meters

Countermeasure Performance

Item	Specification	Item	Specification
900MHz Band	30W power amplifier	5.8GHz Band	30W power amplifier
1.4GHz Band	30W power amplifier	1.5GHz Band	10W power amplifier
2.4GHz Band	30W power amplifier	600MHz-6GHz Band	20W power amplifier, software adjustable
5.2GHz Band	30W power amplifier	Jamming Range	500 – 1500 meters (environment dependent)

TATUSKY

TTSKLB11

INTEGRATED UAV DETECTION, JAMMING & SPOOFING SYSTEM

(HANDHELD + BACKPACK COMBINATION)

This integrated system combines a handheld unit and a backpack module to provide comprehensive drone detection, signal jamming, and GNSS spoofing capabilities. The handheld device features real-time warning, jamming, and LCD display, while the backpack unit delivers powerful satellite deception.

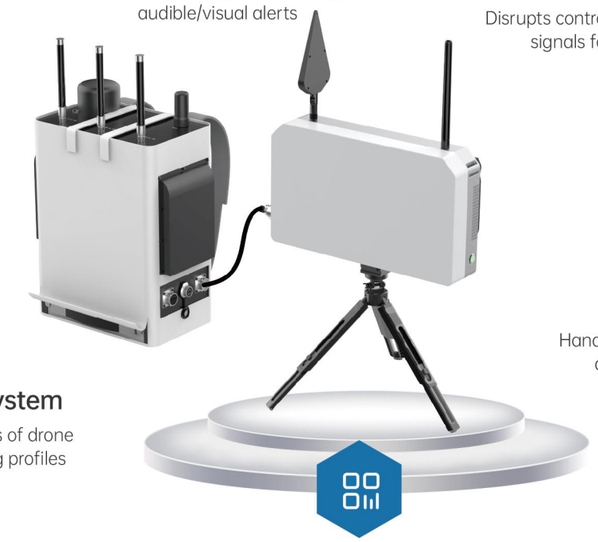
KEY FEATURES

Detection & Alarm

Detects downlink signals and triggers audible/visual alerts

Jamming Capabilities

Disrupts control, video link, and GNSS signals for flexible defense



Upgradeable System

Supports remote updates of drone ID libraries and jamming profiles

Integrated Operation

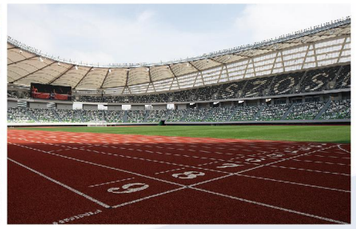
Handheld and backpack work together for direction finding and engagement

Protocol Decoding

Supports OcuSync and similar protocols for drone/pilot identification

APPLICATION SCENARIOS

Event Security



Major Sporting Events

VIP Transit Protection

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Function Integration	Detection / Jamming / Spoofing
Detection Frequency Range	300MHz ~ 6GHz
Detection Distance	⩾1.5 km
Alarm Method	Audio and Visual Alert
Fixed Jamming Frequencies	⩾4 jamming channels
GNSS Jamming Frequencies	1.2GHz、1.5GHz
Jamming Link Ratio	Jam-to-Control ⩾1:1
Supported Spoofing Bands	GPS L1、BDS B1、Galileo E1、GLO L1
GNSS Spoofing Range	⩾1.5 km
Power Supply	Rechargeable battery & AC 220V/50Hz
Battery Life (Standby)	⩾4 hours
Battery Life (Working)	⩾30 minutes
Total Weight	⩽15 kg
Handheld Unit Weight	⩽5 kg
Backpack Unit Weight	⩽10 kg

TATUSKY

TTSKXM-J

FIXED DRONE DETECTION & AUTOMATIC JAMMING SYSTEM

TTSKXM-J is a high-performance fixed drone detection system that deeply analyzes drone signals to monitor drone models, serial numbers, locations, speeds, trajectories, and pilot positions in real time. It can be flexibly deployed and cooperate with jamming, spoofing, and other counter-drone devices to form a comprehensive defense system.

KEY FEATURES

Full-band Coverage

Wide detection frequency from 100 MHz to 6 GHz covering mainstream drone communication bands

High Precision Positioning

Positioning accuracy within 10 meters and azimuth error under 1.5 degrees

Eco-friendly Passive Detection

Device emits no electromagnetic radiation causing no environmental pollution

Multi-target Real-time Tracking

Supports detection and tracking of 5 or more drones simultaneously with multi-trajectory display

24/7 Continuous Operation

Supports continuous operation under complex electromagnetic and harsh weather conditions

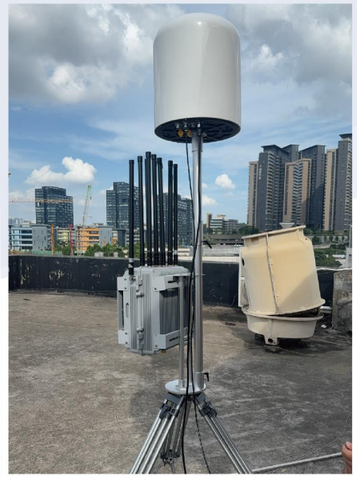
APPLICATION SCENARIOS

Power Grid Systems

Major Sporting Events

Critical Mission Bases

PRODUCT DETAIL



TECHNICAL SPECIFICATIONS

Item	Specification
Detection Frequency Band	100 MHz – 6000 MHz
Detection & Positioning Range	1 – 10 km
Detection Altitude	0 – 1000 m
Simultaneous Detection Targets	⩾5 drones
Simultaneous Trajectory Tracking	⩾5 flight paths
Positioning Accuracy	⩽10 meters
Azimuth Error	⩽1.5° (RMS)
Detection Success Rate	⩾95%
Identification Response Time	⩽5 seconds
Protection Grade	IP65
Operating Temperature	-20℃ ~ +65℃
Power Consumption	⩽100W
Device Weight	⩽15kg

TATUSKY

TTSKD2C

FIXED DRONE DETECTION, JAMMING AND SPOOFING INTEGRATED EQUIPMENT

With the widespread use of drones, incidents such as illegal intrusion, malicious reconnaissance, and privacy violations are becoming increasingly frequent. This equipment integrates drone detection, RF jamming, and GNSS spoofing functions, offering long-range, all-weather monitoring and intervention capabilities. It supports unattended operation and automatic mitigation.

KEY FEATURES

Full-band Coverage

Detection frequency from 70MHz to 6GHz

Integrated Functions

Combines detection, jamming, and spoofing

Long-range Defense

Detection ⩾10km, Jamming ⩾3km, Spoofing 1–3km

Omnidirectional Coverage High Accuracy

360° horizontal, ±90° vertical
DF accuracy ⩽±3°

Smart Cloud Platform

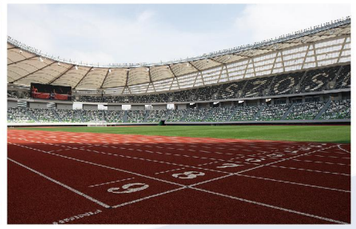
Supports unmanned operation, GIS display, log playback, and whitelist/blacklist control

Rapid Response

Detection ⩽10s, Jamming ⩽7s, Spoofing ⩽4s

APPLICATION SCENARIOS

Power Grid Systems



Major Sporting Events

Critical Mission Bases

PRODUCT DETAIL

TECHNICAL SPECIFICATIONS

Item	Specification
Detection Frequency Range	70MHz–6GHz full-band scanning & detection
Key Detection Bands	Key bands: 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Range	⩾10km (depends on environment)
FPV Signal Detection Range	⩾1.5km (depends on environment)
Analog Video Capture	Supports analog video signal capture
Detection Coverage	360° horizontal, -90°~+90° vertical
Detection Response Time	⩽10 seconds
Direction Finding Accuracy	⩽±3° (RMS, no obstruction/EMI environment)
Detection Display Information / Displayed Detection Data	Distance, altitude, speed, GPS, model, SN, takeoff/home point, trajectory, etc.
Jamming Range	⩾3km (depends on environment)
Jamming Coverage Angle	Horizontal 360°
Jamming Frequency Bands and Power Output	Multi-band jamming (e.g., 700–840MHz 50W, 2.4GHz 100W, 5.8GHz 100W, etc.)
Jamming Response Time	⩽7 seconds
Spoofing Signal Types	GPS, Beidou, GLONASS
Spoofing Radius	1–3km (depends on environment and drone type)
Spoofing Strategy	Directional expulsion, area denial, spatial spoofing, temporal-spatial spoofing
Spoofing Response Time	⩽4 seconds

RF MODULE SERIES

This RF module series covers a wide range of power levels and frequencies, designed for use in UAV countermeasure systems, electronic warfare devices, and wireless testing platforms. The lineup includes source-integrated jamming modules, passive PA modules, and signal source modules, supporting both VCO and digital source configurations. Transistor types include both GaN and LDMOS, with frequency ranges from 20MHz to 7700MHz.

KEY FEATURES

Wide Output Power
10W–200W to meet various demands

Signal Source
VCO and digital signal source options

Transistor Selection
GaN or LDMOS transistors for different thermal

Support Customization
Supports wideband and narrowband frequency

Modular design
For easy integration and maintenance

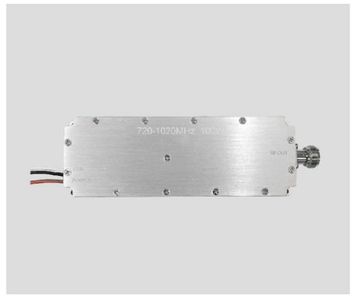
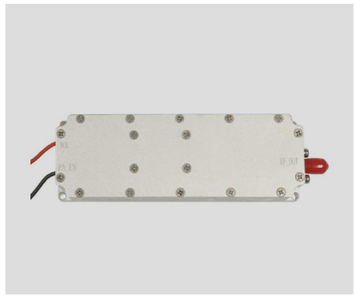
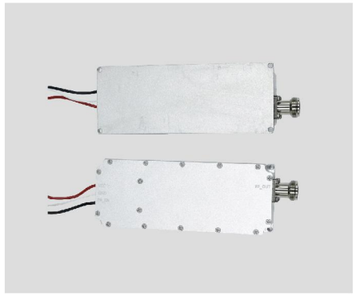
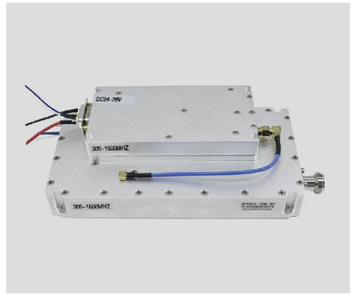
Heat Dissipation Function
Aluminum alloy housing with fan cooling

TECHNICAL SPECIFICATIONS

Type	Anti Drone RF Module
Power	10W~200W(Customizable)
Source Type	VCO/LORA
Frequency Band	20MHz to 7700MHz
Transistor	GaN/LDMOS
Operation temperature	-20℃~40℃

Custom specifications available. Multi-band and channel division options can be integrated per requirement.

COLLECTION OF PRODUCTS

APPLICATION SCENARIOS


UAV Countermeasure


Electronic Warfare


Wireless Test Systems


Signal Simulation

ANTI-DRONE ANTENNA COLLECTION

This antenna collection is specially developed for anti-drone applications, featuring omnidirectional fiberglass antennas, PCB antennas, panel antennas, Yagi antennas, ceiling-mounted omnidirectional antennas, and cloverleaf antennas. Designed to support a wide variety of counter-drone systems—fixed, portable, vehicle-mounted, or handheld—the antennas can be flexibly selected based on mission needs. They are widely used in public security, airport protection, and critical infrastructure defense.

KEY FEATURES

Broad Frequency Compatibility
Broad frequency compatibility from 400MHz to 6GHz

Adapt to Multi Platform Terminal
Compatible with handheld, portable, and fixed counter-drone systems

High-gain Options
Available (2dBi to 12dBi) for enhanced range

Flexible Structure and Installation
Ceiling-mounted, screw-mounted

Wide Variety
Directional and omnidirectional models available for various deployment needs

TECHNICAL SPECIFICATIONS

Antenna Type	Frequency Range	Gain	Directivity	Mounting Method
Omnidirectional Fiberglass Antenna	0MHz~6GHz (customizable)	2–8 dBi	Omnidirectional	Threaded or pole-mounted
PCB Antenna	300MHz~5.8GHz (customizable)	6–8 dBi	Directional	Adhesive mounting
Panel Antenna	300MHz~5.8GHz (customizable)	8–12 dBi	Directional	Wall-mounted
Yagi Antenna	860MHz / 915MHz / 1.2GHz etc.(customizable)	8–10 dBi	Highly directional	Screw-fixed mounting
Ceiling-mounted Omni Antenna	300MHz~5.8GHz (customizable)	2–5 dBi	Omnidirectional	Indoor ceiling installation
Cloverleaf Antenna	5.8GHz (customizable)	3 dBi (typ.)	Omnidirectional	SMA connector

Note: All specifications can be customized in terms of frequency and appearance according to project needs.

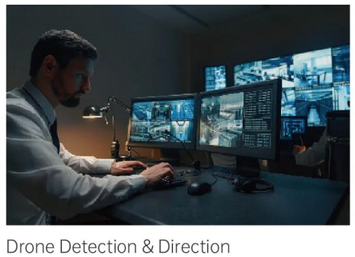
COLLECTION OF PRODUCTS






APPLICATION SCENARIOS


Drone Countermeasure Systems


Drone Detection & Direction Finding Systems


Handheld UAV Interception Devices