

Elevate your vision.



DRONE DETECTION & JAMMING SYSTEMS

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SKYNER PRODUCT RANGE



Skyner Mobile S

Due to early warning the product suits event monitoring, public event safety, private security, law enforcement, and other scenarios. Due to its compact format and easy-to-operate system, users can simply grab and go with an innovative and portable solution. A touchscreen display provides real-time information on the drone's make, model, serial number, flight time, altitude, and geolocation.

Size	L470 x W357 x H176 mm
Weight	≤14 kg (with antennas)
Freq. Range	70-6000 MHz
Sensitivity	≤-105 dBm @ 1040 MHz
Detect. Height	0-1000 m



Skyner Base S

Skyner Base S is a stationary RF sensor capable of detecting and geolocating drones 24/7 in any weather condition. There is no need to triangulate sensors, as detection is performed via wireless signal inspection and extensive drone library, providing a flexible, cost-saving solution for a variety of use cases. The device can support the detection of DJI, Autel, Hubson, Parrot, 3DR, Zhendi, Wi-Fi drone, DIY drone (analog image transmission), etc.

Size	Ø215 × H280 mm
Weight	≤3 kg
Spec. Detect. Range	25-6000 MHz (configurable)
Sensitivity	≥-115 dBm @ 3266 MHz
Detect. Height	0-1000 m
Detect. Angle	360° horiz., -90°~+90° pitch

Skyner Raptor SJ

Skyner Raptor SJ jams drones through overpowering GPS satellite signals locally so that a receiver can no longer operate. Raptor supports combined narrow band low-power precision jamming and wide band high-power jamming. Default jamming bands 900MHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz, and customization available.

Size	L750 × W554 × H100 mm
Weight	≤5.5 kg (with battery), ≤4 kg (no battery)
Jamming	25-6000 MHz (configurable)
Range	Detect. ≤3km / Position ≤3 km / Jamming ≤2 km



Skyner Base SD

All-in-One system has drone signal detection and recognition functions, and the device can support the detection of DJI, Autel, Hubson, Parrot, 3DR, Zhendi, Wi-Fi drone, DIY drone (analog image transmission), etc. With geo location function, it can display the working frequency band, brand number, electronic fingerprint ID (serial number of the fuselage), bearing, distance, latitude and longitude, flight altitude and other information of the drone in the detection list, and it can display identification icons and flight tracks on the electronic map.

Size	L410 x W330 x H190 mm
Weight	≤14 kg
Detect. Angle	360° horiz., -90°~+90° pitch
Position Accuracy	position. error ≤10 m (drones & pilots)
Success Rate	≥99% (under standard conditions)

Skyner Base J

Skyner Base J is a high-performance RF jamming device designed to detect and neutralize drones across a wide range of frequencies. It combines narrow-band precision jamming with wide-band high-power jamming to cover 95% of drone communication and navigation signals. The system supports simultaneous jamming of up to 30 drones and works seamlessly with radar or RF detection systems for targeted action. With a drone library that includes over 98% of commercial and DIY drones, it ensures reliable defense in diverse low-altitude security scenarios. The device is suitable for harsh environments, offering a durable IP66-rated build and operating in temperatures from -40°C to +55°C. It enables selective jamming without affecting non-target drones, providing flexible and intelligent protection.

Size	L480 x W400 x H245 mm
Weight	≤25 kg (without antenna)
Antenna	7 jamming + 1 GPS antenna
Tx Frequency	Ch1: (2400±10) -(2500±10) MHz
Tx Power	Ch1: (50±10) dBm



SKYNER BASE SD, SKYNER BASE SDJ, SKYNER BASE J

Skyner Base SDJ

Incorporates all features as Skyner Base SD model with an addition of Jamming functionality. Forcing the drone to land or return by jamming the transmission link, control link and navigation signal, it spans the jamming distance up to 4 kilometers.

Size	L505 x W455 x H238 mm
Weight	≤31.5 kg (no antenna)
Spec. Range	25-6000 MHz; Inst. BW ≥60 MHz
Detect. Range	0-1200 m
Detect. Angle	360° horiz., -90°~+90° pitch

COUNTER DRONE SOLUTIONS

Drone Detection Systems

Four primary methods are used for drone detection: radar, radio frequency (RF) analysis, acoustic sensors, and optical sensors (cameras).

1. Radar

Employs radio waves to detect and locate nearby objects.

2. Radar Frequency (RF) Analysis

Skyner captures wireless signals to detect the radio frequency signals from drones.

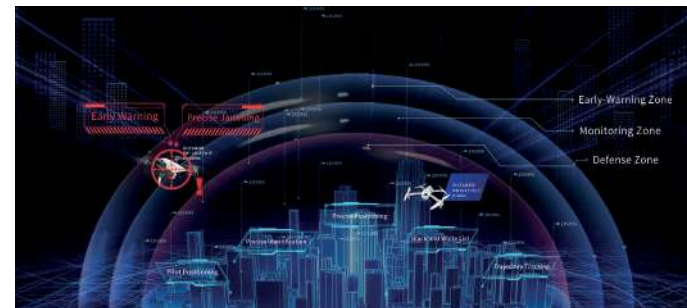
Long-range detection and identification, resistance to all weather conditions, ability to capture signals and communication spectra, ability to distinguish different types of drones, and excellent price/performance ratio, and quick deployment.

3. Acoustic Sensors (Microphones)

Detects drones by their unique sound signatures.

4. Optical Sensors (Cameras)

Captures drone visual data using camera sensors.



Skyner Solutions

– Stationary Solution

Stationary solution is designed for scalable deployment. Any number of devices can be seamlessly integrated. Sensors can be stationed around a perimeter to extend the detection range. Integrated with the Skyner Cloud Server the devices can be accessed from anywhere in the world, no need for an on-site personnel. The solution is suitable for use cases such as infrastructure facilities as airports and hydro-power stations, public safety, correctional facility, etc.

– Portable Solution

Skyner Mobile S is designed for drone detection on the go, is excellent for use cases such as open event monitoring, public event safety, military operations, law enforcement, and VIP security. Device is plug-and-play, it features a touch screen with an intuitive interface and requires minimal training to operate.

– Full Solution

Skyner Full Solution can be designed in any configuration – as stationary or portable – with an add-on feature jamming. The solution not only detects and identifies a drone, it also controls it. The system is capable of forcing the target drone to land or return, by jamming the navigation signal of the drone and blocking the communication link between the drone and its remote controller. Typical use cases being over critical airspace, and areas where privacy of governments and militaries significant bases and buildings can be at threat.

Drone Library Periodically Updated

– Support to detect DJI

(including Mavic 3, Mavic 2, Mavic, Mini2, Mavic Air, Mavic Air2, Mavic, miniSE, Mavic Pro, Mavic, Air2S, Mavic mini, Phantom 4Pro, Phantom 4ProV2.0, Genie 4, Tello and other models)

– UAV signals from JOUAV, Parrot, 3DR, C-FLY, TW and other brands

– Autel, Xiaomi, Dahua, Hikivision, FUTABA, Hubson, Ehang, Yunee, Zerodu, Weili, Zhendl, Huakor, Sima, Cornerstone, Yunke, Chasing, Cloud, Pudu, Holystone, AEE, Feipai, Youdi, Pegasus, Keweitai, Dagong, Corbett

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E 14° 18' 13"

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