SKYLOCK PROTECTING YOUR SKIES

SKYLOCK is part of the Avnon Group, a leading provider of turnkey solutions and technologies for governments, HLS agencies, Police and Special Units in the public safety arena. Established by leading Israeli technology experts, SKYLOCK has rapidly become one of the world’s leading authorities for the design and development of anti-drone systems, and is currently operational worldwide, protecting airports, critical infrastructures, prisons and national borders against drone threats.

SKYLOCK MITIGATES THE FOLLOWING THREATS:

- **Detection**
  - Up to 20km
  - Up to 3.5km (Drone)

- **Neutralization**
  - Up to 15km

- **EO/IR Acquisition**
  - Up to 5km

- **Destruction**
  - 200m Up to 800m

RECREATIONAL DRONES  CONSUMER DRONES  INDUSTRIAL DRONES  MILITARY DRONES
As drones become faster, smaller, cheaper and deadlier, with the ability to add a payload, the need for countermeasures to ensure public safety is imperative. Drones pose a wide array of threats to public safety and national security.

The team at SKYLOCK understands that drone technology is continually evolving, creating newer and more substantial challenges such as drone swarms using pre-programmed drones. With a growing demand for countermeasures, SKYLOCK has developed a flexible, multi-layered, anti-drone solution that provides a customised solution to meet the tactical requirements of each facility, from airports and critical infrastructures to government headquarters.

SKYLOCK’s unique flexible approach enables us to offer comprehensive anti-drone protection. Our multi-layered platform is comprised of modular, passive and/or active systems for the detection, verification and neutralisation of unauthorised drones. All our systems are customised to meet your specific threats and budgetary requirements.

SKYLOCK’S TAILOR MADE CONCEPT

OUR MISSION

PROTECTING YOUR SKIES

WWW.SKYLOCK1.COM
DESTRUCTION - LASER BURNER
Capable of destroying drones at a range of up to 800m.

NEUTRALISATION
The RF jammer is comprised of several jamming antennas - used to jam the frequency range of the RC and video links.

WHY SKYLOCK
- Multi-layer protection
- Modular systems
- A complete anti-drone solution
- 360° coverage
- On the move capabilities
- Unified chain of logistics
- Field proven and fully operational

DETECTION
The advanced rotating radar system provides effective 360° coverage of up to 200 targets simultaneously.

ACQUISITION
The electromechanical, modular electro-optical system provides observation, detection, recognition and identification of drones at a range of up to 4km.

NEUTRALISATION
The RF jammer is comprised of several jamming antennas - used to jam the frequency range of the RC and video links.

DESTRUCTION - LASER BURNER
Capable of destroying drones at a range of up to 800m.
CENTRAL UNIFIED GUI

(GRAPHIC USER INTERFACE)
ELECTRONIC WARFARE CENTER

BORDER CONTROL SOLUTION

The customisable mobile container is easily transported by truck and automatically deployed using hydraulic legs. Used by border control and field operational units to retain communication and relay information in real-time to the command control. Using the intelligence collected, the command operator is able to make accurate and rapid decisions. The systems offer a wide neutralisation range of up to 15km.

Detection
Up to 20km
Up to 3.5km (Drones)

EO/IR Acquisition
Up to 4km

Neutralisation
Up to 15km

Destruction
Up to 2km

Encrypted LTE
Live transmission
PASSIVE DETECTION & SWARM MANAGEMENT

Over the last two years, there has been an alarming increase in incidents between drones and aircraft. Drones pose a genuine threat to aircraft and aviation security, endangering public safety and potentially causing financial damages.

SKYLOCK’s passive protection system is specifically designed to provide airports with an impenetrable layer of defence against drone incursions, detecting drones from distance of up to 3km. Our multi-layered airport protection concept provides a holistic solution against drones that threaten your airport’s day-to-day operational activities and potentially endangering human life.
PROTECTING SENSITIVE ASSETS

With the escalation of drone incidents in the last two years, the Department of Homeland Security has realised that security measures need to be implemented to protect critical infrastructures surrounded by ground defences such as: fences, sensors, access control and CCTV—all of which drones can easily breach, gathering sensitive information with the help of high definition cameras.

SKYLOCK delivers an active modular system providing full coverage of large areas, mitigating drone attacks to critical infrastructures, military and civilian targets, and saving millions of dollars in national assets.

**RANGE OF DETECTION (KM)**
- Laser Burner: Up to 800M
- EO/IR: 2.5km
- Jammer: 2.5km
- RF detection systems: 3km
- Radar: 3.5km

**Detection**
- Radar Detection: 360° RF Detection
- EO/IR Detection: Target Verification

**Neutralization**
- EO/IR Acquisition
- Smart Neutralization
- Drone Capture
- Drone & Operator Extraction
- Hand Handled Jammer

**Destruction**
- Take Over
- Control Taking
- Drone Against Drone
- Laser Burner
- Drone Capture
- Hard Kill

**Swarm**
VIP PROTECTION

Presidents and high-level officials require protection when traveling in a convoy, appearing at outdoor public events or within their residences. In 2018, weaponised drones were used for making an assassination attempt against a VIP. This incident highlights the challenges of defending officials against drone attacks in crowded areas and how easily a drone is able to penetrate security measures.

SKYLOCK’s modular systems provide two alternative platforms for the protection of presidential residences and key government buildings in addition to a combination of mobile/convoy protection systems.
Drones have emerged as a significant threat to prison security worldwide. Remote controlled and easy to operate, drones are now being used by criminal organisations to smuggle drugs, cell phones and other potentially dangerous contraband inside prison walls. A sophisticated drone with a built-in GPS can carry a payload of approximately 1.5kg, flying into a prison compound, and hovering in close proximity to an open window, allowing inmates to gather contraband. SYKLOCK provides a customisable platform that delivers 360° coverage of 2km.

With the increased availability and rapid advancement of drone technology, Homeland Security officials are aware that it is only a matter of time before criminal or terrorist organisations further their agenda by carrying out an attack at a sports event such as the World Cup or Olympic Games. Advanced drones can carry a payload of up to 5kg containing chemical or explosive substances. SKYLOCK delivers a customisable platform to provide a protective shield over a stadium preventing drones from stealing air-time or carrying out an attack.
Over the last decade, military and federal agencies have faced increased national security threats as the number of drone incursions into restricted airspace has rapidly escalated. In the US, the FAA recently passed a number of restrictions on unmanned aircraft operators, creating “no-drone” zones to deter drone operators from entering sensitive government facilities and ensure national security.
**SYSTEM HIGHLIGHTS**

1. The SD receiver gathers RF signals from the system’s antennas.
2. The SDR analyzes all incoming signals to detect approaching drones.
3. The system identifies the incoming drone, highlighting its location on the display and allowing the helicopter to avoid collision.

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**DETECTION SYSTEM RF SENSING**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>70 - 6,000 MHz</td>
</tr>
<tr>
<td>Frequency Resolution</td>
<td>5 MHz</td>
</tr>
<tr>
<td>Frequency Accuracy</td>
<td>+/- 1 ppm</td>
</tr>
<tr>
<td>Aging</td>
<td>0.5×10^−6 Exp-6/year</td>
</tr>
<tr>
<td>Synthesizer Setter Time</td>
<td>Better than 10 ms</td>
</tr>
<tr>
<td>Oscillator Phase Noise</td>
<td>&lt; -92 dBc/Hz at 10KHz offset</td>
</tr>
<tr>
<td>Antenna Input</td>
<td>N-Type 50Ω</td>
</tr>
<tr>
<td>RF Attenuation</td>
<td>30 dB Manual</td>
</tr>
<tr>
<td>Sensitivity, Overall Noise Figure</td>
<td>(-)112 dBm, typ. 10 dB</td>
</tr>
<tr>
<td>Demodulation</td>
<td>FFT - Up to 32,768 Point</td>
</tr>
<tr>
<td>IF Bandwidth</td>
<td>5 MHz</td>
</tr>
<tr>
<td>Squelch</td>
<td>(-)112 dBm, to (-) 30 dBm</td>
</tr>
<tr>
<td>Typical Noise Figure</td>
<td>6 dB</td>
</tr>
</tbody>
</table>

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**ESCALATION IN DRONE COLLISIONS**

With limited regulations, drone hobbyists have created safety issues for private aircraft, especially helicopters flying lifesaving and firefighting missions at low altitudes. With numerous incidents of drones straying into commercial airspace documented to date, the need for a comprehensive solution to this threat has never been more evident.

Drones pose a significant danger not only to airport security, but also to aircraft during take-off and landing. Flying at lower altitudes, helicopters are particularly vulnerable to drones and the number of collisions has escalated alarmingly since 2015.
360° RADAR DETECTION

SKYLOCK’s advanced rotating radar system provides the outer layer of protection for military bases, critical infrastructures and Presidential Guard. With an effective 360° coverage, the radar system detects all drones flying in proximity to the defined no-flight zone. Our safety distances allow the system to be deployed near populated areas without posing a risk to those nearby.

The lightweight, portable radar system defines the range, azimuth, elevation and velocity measurements for up to 200 targets simultaneously, including miniature UAVs characterised by a small signature with a low speed and altitude.

KEY CAPABILITIES

■ 3D Tracking - Range, azimuth, elevation and velocity measurements of up to 200 targets simultaneously
■ Advanced waveform with modern signal processing techniques
■ High-resolution
■ High probability of target detection
■ Low radiated power - Safety distance of 10m
■ Up to 3.5km for micro-drone detection.

360° RF DETECTION SYSTEM

The Passive RF Detection system is ideal for use in urban, built-up environments where the line of sight may be obstructed by obstacles. It is also highly-suitable to “on the move” mode.

The system is comprised of:

■ 8/24 high gain directional antennas are continually scanning for the most widely used aerial frequencies, providing 360° coverage of up to 3km.
■ 3 bi-directional jamming antennas.

ADVANCED SDR RECEIVER

■ Sectorial direction
■ A drone’s operational frequency and transmitting output power
■ Drone Identification
■ The system will detect any drone as long as the drone is communicating with the operator
■ Coverage: Elevation 0-30; Azimuth 360°
■ Up to 3km for micro-drone detection.
VIP PROTECTION SYSTEM

The VIP DOME system is designed to deliver a portable and easy to use system to neutralize unauthorized drones entering a secured perimeter. The VIP DOME can be used in two modes: Detection and jamming, or automatic jamming. Using the detection and jamming mode, the system scans for drones using an array of omni-directional antennas.

Once a threat is detected, the system transmits an automatic command to the jamming unit blocking all radio communication channels, including GPS signals and video link. The system detects the general direction of the drone, and transmits a specific beam forcing it to drift away and lose communication with its operator.

KEY CAPABILITIES

- The system is managed by a PC which displays a general detection azimuth and jamming status.
- In the automatic “jamming only” mode, the system will clock any type of drones in the designated radius without detecting, and will create a protection bubble around the perimeter.
- The system is designed for rapid deployment with minimal buttons when using automatic mode
- Battery Duration: 2 hours. Electrical power connection is available.
- The protection jamming radius is 500 meters.
- White list for authorized drones
### JAMMING UNIT

<table>
<thead>
<tr>
<th>RF Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output Power</strong></td>
</tr>
<tr>
<td><strong>Internal Modulation</strong></td>
</tr>
<tr>
<td><strong>Signal Source</strong></td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
</tr>
<tr>
<td><strong>Modules Per Unit</strong></td>
</tr>
<tr>
<td><strong>Remote Control</strong></td>
</tr>
<tr>
<td><strong>Antenna</strong></td>
</tr>
<tr>
<td><strong>Jamming Distance</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Possible Jamming Frequency Bands</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency Band</strong></td>
</tr>
<tr>
<td>430-470MHz – 25W</td>
</tr>
<tr>
<td>902-928MHz – 25W</td>
</tr>
<tr>
<td>1575MHz – 4W</td>
</tr>
<tr>
<td>2.400 – 30W</td>
</tr>
<tr>
<td>5.8 – 25W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air Interface Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital: ISM, GPS, Video &amp; W-LAN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical Data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
</tr>
</tbody>
</table>

| **Operating Temp**                     | -20°C - +65°C       |
| **Humidity**                           | 95%                 |
| **Mil Spec Standard**                  | MIL-STD-810F        |

### DETECTION UNIT

<table>
<thead>
<tr>
<th>RF Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency Range</strong></td>
</tr>
<tr>
<td><strong>Frequency Setting</strong></td>
</tr>
<tr>
<td><strong>Frequency Accuracy</strong></td>
</tr>
<tr>
<td><strong>Aging</strong></td>
</tr>
<tr>
<td><strong>Synthesizer Setting Time</strong></td>
</tr>
<tr>
<td><strong>Oscillator Phase Noise</strong></td>
</tr>
<tr>
<td><strong>Antenna input</strong></td>
</tr>
<tr>
<td><strong>RF Attenuation</strong></td>
</tr>
<tr>
<td><strong>Sensitivity, Overall Noise Figure</strong></td>
</tr>
<tr>
<td><strong>Demodulation</strong></td>
</tr>
<tr>
<td><strong>Demodulation Technique</strong></td>
</tr>
<tr>
<td><strong>DATA Format</strong></td>
</tr>
<tr>
<td><strong>Instantaneous Bandwidth</strong></td>
</tr>
<tr>
<td><strong>Squelch</strong></td>
</tr>
<tr>
<td><strong>Gain Control</strong></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Scan Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Automatic Memory Scan</strong></td>
</tr>
<tr>
<td><strong>Frequency Scan</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inputs/Outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scan Characteristics</strong></td>
</tr>
<tr>
<td><strong>Digital IF output</strong></td>
</tr>
<tr>
<td><strong>IF 10.7 MHz, Wideband</strong></td>
</tr>
<tr>
<td><strong>DATA Interface</strong></td>
</tr>
<tr>
<td><strong>Environment of operation</strong></td>
</tr>
<tr>
<td><strong>Operating Temp</strong></td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
</tr>
<tr>
<td><strong>Storage Temp.</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Voltage, Current</strong></td>
</tr>
</tbody>
</table>
KEY CAPABILITIES

■ The cooled thermal camera system combines high sensitivity and ultra long-range performance
■ Observe thermal and visible light channels simultaneously
■ Effortless integration
■ Designed and certified to IP66, for hot, cold, dusty and other harsh environments
■ Up to 4km drone detection

EO/IR LONG-RANGE DETECTION

SKYLOCK’s advanced, electromechanic, modular electro-optical system includes a continuous zoom and autofocus feature with a manual/auto gain control. The system’s EO/IR trackers, thermal imaging and daytime camera provide ONVIF compliance, with standard industry mounting options. The user-friendly, scene awareness software facilitates easy integration. The system can identify and track up to 200 drones simultaneously, at a range of up to 4km depending on the weather conditions and size of the target.

EO/IR DETECTION

SKYLOCK’s electromagnetic, modular electro-optical system includes a continuous zoom and autofocus feature with a manual/auto gain control. The system’s EO/IR trackers, thermal imaging and daytime camera provide the control room with a precise location and clear images of the drone. With high resolution imaging for identification, your security officers detect, identify and track up to 200 drones simultaneously at a range of up to 2.5km depending on weather conditions and size of target.
RF JAMMING SYSTEM
The RF drone signal jammer blocks the connection between the hostile drone’s video, telemetry, command, control and navigation systems and the device’s operator. By jamming the communication channels, the drone is effectively disabled and forced back to its home base or grounded at its current location.

KEY CAPABILITIES
- Covert spectral jamming of the drone
- The system blocks all communications between the drone and its operator (2.4 GHz, 5.8 GHz, GPS, GSM)
- Jamming the drone’s video & telemetry, command, control & navigation capabilities - disabling its functionalities
- Jamming from 2.5km - 15km
- Managing a “White list”

SMART NEUTRALIZATION
Operating a jamming system in an urban environment is not always possible due to regulatory constraints or signal interference in densely populated areas. The SKYLOCK smart neutralisation system provides an alternative method to conventional jamming technology. By jamming the communication channels, the drone is effectively disabled and can be forced back to its home base or grounded at its current location.
NON-JAMMING SOLUTIONS

DRONE NET CAPTURE

This small, fast-flying drone is deployed to intercept hostile drones. Using a net, the drone catcher safely and effectively removes unauthorised drones from the air. Once a drone threat is detected by the radar or optics system, the Drone Catcher swiftly approaches the moving target. Using the built-in sensors to lock onto and track the moving target, the drone catcher swiftly demobilises the drone by shooting a net over it. The system ensures the mission’s continuity by launching additional drones should the first drone be forced out of action. The operating area is up to 1.5 km from the departure point.

KEY CAPABILITIES

- 5GHz range
- Side movement accuracy: 1.5km at 10m
- +63 range: 15m
- Elevation accuracy: 1.5km at 15m height
- Managing a “White list”
- Swarm management
- May be deployed for a remote operation
- Operational in both day/night
- Interception of target drone does not cause damage to either of the drones
- Functions in light rain
INTERCEPTING & OPERATOR CAPTURING

DIRECTION FINDER

SKYLOCK provides security teams with the ability to locate and capture unauthorised drone operators once a drone has been detected. This is equally—if not more important to intercepting the drone itself since it allows Law Enforcement officers to investigate and prevent future attacks.

The DF (Direction Finder) provides accurate results and has been designed for use in urban areas. It measures the radio signal emitted by drones, covering a wide range of GHz bands. The DF method is based on accurate amplitude measurements, using advanced components; An array of antennas, fast FFT processing and calibration table, providing 3° RMS directional pinpointing.

The DF GUI displays the azimuth data, sent to the EO/IR camera and jamming unit. This creates a “complete loop” of passive detection and visual verification allowing security officers to block the threat.

KEY CAPABILITIES

- Parallel direction finding up to 16 drones
- High DF accuracy for all channels
- Automatic channels definition, based on standard Drone channels
- Wideband Frequency coverage 2,400-2,483 & 5,150-5,850 MHz
- Output data via TCP/IP LNA port
- Up to 3km drone detection
Using the accurate, high powered laser burner system, the operator has the ability to destroy malicious drones. The system activates the burner system, effectively eliminating a drone with a matter of seconds within an 800m range.

**LASER BURNER**

**LASER BURNER Type**
- Single Mode CW ytterbium fiber laser

**Laser Burner Power**
- 1000W (Optional up to 1500W)

**Optical Specifications**
- **Wavelength**: ~ 1064nm
- **Wavelength Range**: +/- 20nm
- **Max peak output power for a single optical module (the power is user configurable)**: 1.000W
- **Power adjustment in steps of 10%**: 10-100
- **Mode of Operation**: CW
- **Beam Divergence**: <0.03mrad

**Electrical Specifications**
- **Input Voltage**: AC 220V 50Hz
- **Power Consumption**: 700W
- **Communication and Control**: Ethernet via CC Software
- **Switches**: Power on/off, User Arm on/off
- **LEDs**: Power, ARM, Lasing
- **Controls and Monitoring**: Laser Enable, Power adjustment, Lose Timer, System BIT (Temperatures, Laser Current, Battery Voltage, etc..)

**Environmental Specifications**
- **Operating Temperature Range**: -5...+35°C, optional +45°C
- **Storage Temperature Range**: -5...+50°C, optional +70°C
- **IP Grade**: IP65
- **Cooling Type**: Telescope: Passive, Free Convection, Laser Modules, Electronics Unit, Battery and Charger: Force Air Cooling, Internal Fans

**WWW.SKYLOCK1.COM**
HARD KILL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Weight</td>
<td>&lt; 100 kg</td>
</tr>
<tr>
<td>Mount type</td>
<td>Fast Mounting (4 bolts)</td>
</tr>
<tr>
<td>Main Armament</td>
<td>Automatic machine gun</td>
</tr>
<tr>
<td>Ammunition cartridge</td>
<td>7.62mm – Up to 400 rounds</td>
</tr>
<tr>
<td></td>
<td>5.56mm – Up to 500 rounds</td>
</tr>
<tr>
<td>Range elevation</td>
<td>-30 to +70</td>
</tr>
<tr>
<td>Power supply</td>
<td>24V – nominal (9-36V)</td>
</tr>
<tr>
<td>Traverse range &amp; tilt speed</td>
<td>N’90, 360 Per Second</td>
</tr>
<tr>
<td>Optics module</td>
<td>Color HD Day camera: optical zoom X30</td>
</tr>
<tr>
<td></td>
<td>Human target detection range &lt; 1200 m</td>
</tr>
<tr>
<td>Image processing suite</td>
<td>“Point &amp; Shoot” Technology</td>
</tr>
<tr>
<td></td>
<td>Embedded Anti-Drone Track and Shoot algorithm</td>
</tr>
<tr>
<td></td>
<td>Day &amp; Night multiple target tracking</td>
</tr>
<tr>
<td></td>
<td>Digital image stabilizer</td>
</tr>
<tr>
<td></td>
<td>VMD – video motion detection</td>
</tr>
<tr>
<td>Laser range finder</td>
<td>Up to 3.3km</td>
</tr>
<tr>
<td>Stabilization</td>
<td>Dual Axis stabilization based on Gyro and GNSS (north heading)</td>
</tr>
<tr>
<td>RCU - Remote Control Unit</td>
<td>“Point &amp; Shoot” Technology</td>
</tr>
<tr>
<td></td>
<td>FZ-G1 Panasonic tough pad</td>
</tr>
<tr>
<td></td>
<td>Dual Trigger Safety</td>
</tr>
<tr>
<td></td>
<td>“Anti-Drone track and shoot”</td>
</tr>
</tbody>
</table>

ULRWS

Ultra-light remote weapon station (ULRWS) for manned and unmanned platforms.

HARD KILL

ULRWS

Ultra-light remote weapon station (ULRWS) for manned and unmanned platforms.
CONTROL TAKING

TAKEOVER SOLUTIONS

The SKYLOCK Control Taking system allows Law Enforcement officers to gain control of malicious drones by disrupting the signal frequency between the device and its operator. Once the signal has been disrupted, the Control Taker forces the drone to land or “go home.”

COUNTER-DRONE SOLUTIONS DESIGNED FOR URBAN ENVIRONMENTS

Commercial drones have become a common feature of the urban environment. SKYLOCK’s Urban is the leading solution that allows Law Enforcement officers to deter and disrupt the Wi-Fi communication and GPS signal without affecting the operation of legitimate drones in the vicinity.

SYSTEM HIGHLIGHTS

- No-fly zones, routing paths, landing locations
- Drone swarms detection and mitigation
- White list for authorized drones
- Integration into VMS systems
- Automated or manual takeover
- Mounted on the EO system gimbal and aligned with the EO sensors line of sight
HAND-HELD NIGHT’S JAMMER

The Technology KNIGHT’S JAMMER is the first and only Hand-Held Counter UAS technology that employs the use of Software Defined Radio - SDR. The KNIGHT’S JAMMER can disable drones operating on 5 frequencies and has a range of up to 1,000 meters. The KNIGHT’S JAMMER enables military and security forces to thwart the use of drones by enemy combatants for surveillance and direct attack by IED or other devices on friendly forces. The KNIGHT’S JAMMER is compact and light weight, able to be deployed by ground forces personnel in mobile units, strike teams, at checkpoints, forward outposts, and security response teams. The KNIGHT’S JAMMER can also fill gaps in Electronic Fences due to line of sight obstructions.

SPECIFICATIONS

- Range up to 1,000 meters
- 420 to 460 MHZ by region
- 902 to 928 MHZ ISM Band
- 2.4 to 2.5 GHZ ISM Band
- 5.6 to 6.0 GHZ ISM Band
- GPS/GLONASS L1
- GPS/GLONASS L2
- Defeats Drones up to 1 Km
- Range Detection Up to 3.2Km
- Detects 1270MHZ Video Signals
- 1 hour continuous operation
- 6 hour sensor operation
- Rechargeable Li-Ion Battery
- External 9-21V operation mode
- 58mm L x 23mm H x 10mm W
- Less than 3.6 Kg
- Right or left hand operation
- -20 to + 40C operating temp.
- -40 to +85 C storage range
- Environmentally sealed
- Ruggedized for shock and vibe
MOBILE HUBS

Stabilization System - 4 Hydraulic poles that stabilize the vehicle and the system.

Operator Station - The system is operated from inside the vehicle with a special control system.

Special Adaption:
- “On the move” protection.
- Additional electric power supply for the system.
- Compatible hinges to connect and secure the system.
- Installation of SKYLOCK Radar and 360 RF detector.
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PROTECTING YOUR SKIES