



SWORD™

MOBILE BASED SECURITY PROVIDING
AN IoT LEVEL OF SITUATIONAL
AWARENESS

INTRODUCTION

The threat landscape is constantly changing and there are a multitude of risks at large. Organizations need to be prepared for an even wider range of threats today. Using our proprietary software algorithms and best-in-class sensor technology, we are able to identify, manage and mitigate immediate threats, unlike anyone else.

How SWORD™ works?

Sword's user-friendly mobile app interface, our infrared object detection camera and proprietary algorithms combined with our facial recognition software, instantly identifies concealed objects as well as persons of interest connected to a fully customizable cloud database. The detection (KnightScan™) and recognition platform (ShieldScan™) can operate together or independently, depending on the user's choice.

The ease of use and mobile capability allows the user to immediately be alerted with an image overlay if an object is detected or if a person of interest is identified.

FEATURES



KNIGHTSCAN™

The user can detect concealed, metallic and non-metallic threats on an individual. SWORD™ can detect a wide range of threats, including non-metallic explosive devices, tactical surveillance counter measures (TSCM) and 3D printed weapons.



GUNSHOT DETECTION

SWORD™ is able to detect and localize the source of gunfire and provide real-time location information for each gunshot. Artificial Intelligence-driven alerts are sent directly to mobile devices, bypassing the need for costly/inaccurate human monitoring.



IMPROVED SECURITY EXPERIENCE

SWORD™ is mobile. Walk through venues with no "pause & pose" or removing of personal articles. The system can scan discreetly and non-invasively from a safe distance.



CUSTOMIZABLE SETTINGS

SWORD™ is fully customizable to meet different threat scenarios or environmental variables.



HIGH THROUGHPUT

Less than 1.5 seconds per scan.



THREAT INTELLIGENCE

Integrated thermal imaging and HD optical camera allows for easy identification of concealed objects or adversaries.



SHIELDSCAN™ INTEGRATED FACIAL RECOGNITION

Best in class facial recognition software which can identify millions of faces on a customizable and real-time database.



BATTERY OPERATED

Entire system is battery operated and no power outlet is required. Gives up to 8 hours of operational capacity.



RAPID DEPLOYMENT

Mobile platform that is hand held and requires no setup. SWORD™ can be used with a tripod, for stationary scanning to enable random screening points.



DRONE COUNTERMEASURES

SWORD™ counter drone solutions are customized to fit the threats of today and tomorrow. Our cloud-based software uses Drone DNA inside of a database to recognize and classify RF, WiFi, and non-WiFi drones.



PHYSICAL SPECIFICATIONS

DIMENSIONS

- ▶Depth: 14.8mm
- ▶Width: 93.31mm
- ▶Height: 173.19mm
- ▶Weight: 8.22 ounces

POWER

OVERVOLTAGE

Rising Threshold = 5.56 V Falling Threshold = 5.12 V

UNDERVOLTAGE

Rising Threshold = 3.97 V Falling Threshold = 3.69 V

CONSUMPTION

4,950mW

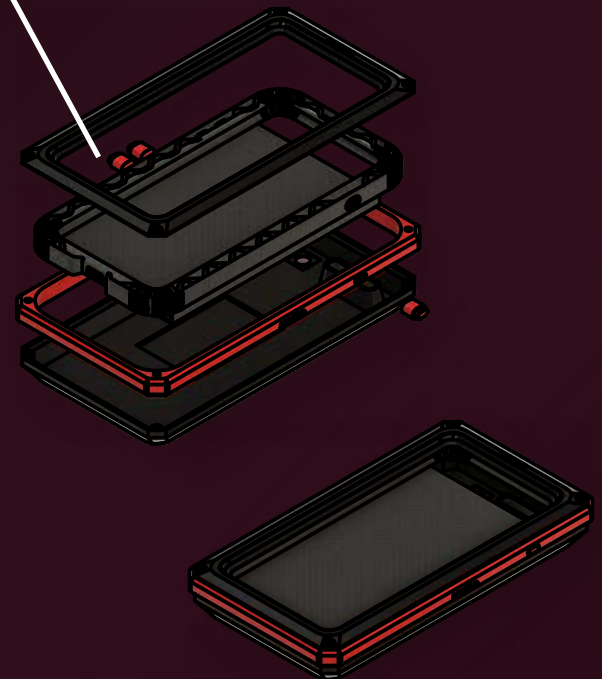
POWER SUPPLY

DC

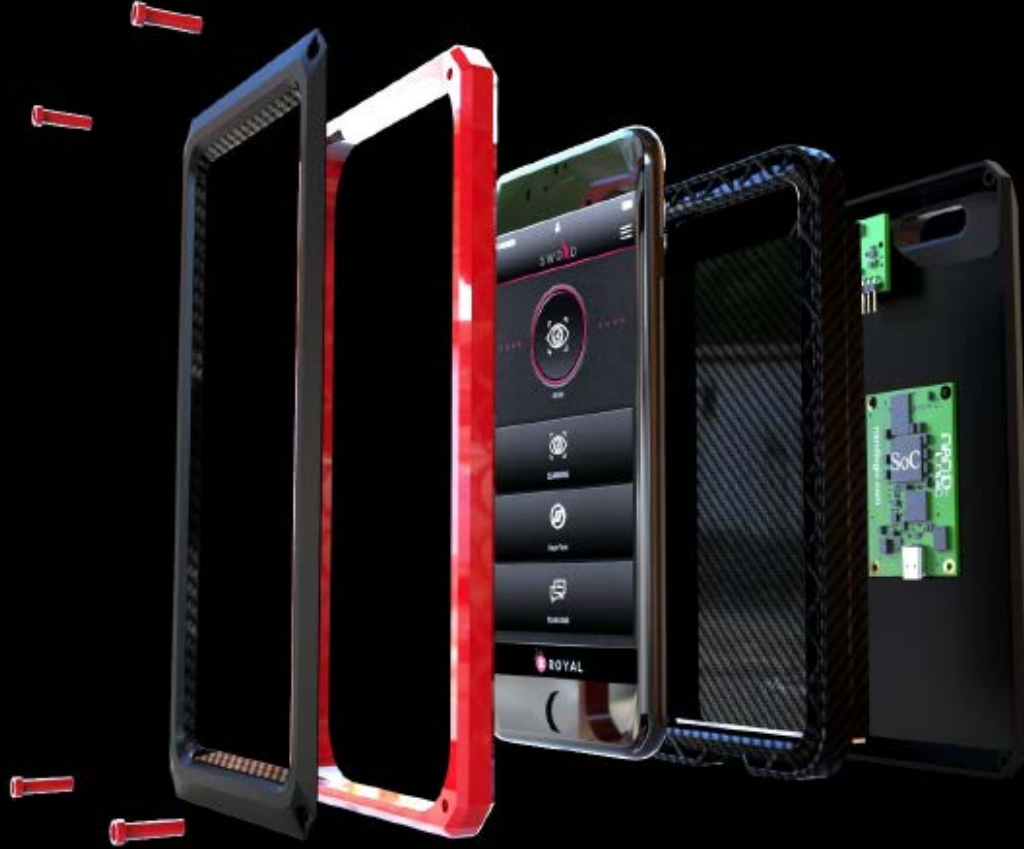
INPUT/OUTPUT

Lipo Battery

USER FRIENDLY APP INTERFACE



ASSEMBLY



POWER

ENVIRONMENTAL SPECIFICATIONS

- ▶ Operating Temperature: 0 to 40 degrees C (32 to 104 degrees F)
- ▶ Storage Temperature: -18 to 50 degrees C (0 to 122 degrees F)
- ▶ Relative Humidity: 0 to 95% (non-condensing)

USER INTERFACE

- ▶ Mobile Application running on a tablet and or a smart phone.

CONFIGURABLE SETTINGS

- ▶ Multiple Image Capturing Sensors
- ▶ Multiple Image Capture Modes
- ▶ Multiple Display Modes
- ▶ Multiple Image uploading modes for Facial Recognition.

ACCESSORIES INCLUDE

USB-C Charger & Apple earphones

OPTIONAL ACCESSORIES

USB-C Charging bank and wearable mounts