IA-P5000

Detect / Alert / Geo locate / Track
(Track both Drone and Pilot)

INTERNATIONAL ARMOUR

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Portable and lightweight, IA-P5000 is a complete drone detection system that detects, identifies, and warns on UAV communication links in real-time, as well as gathers real-time data such as flight status, routes, and distance. It's a compact casing with a mechanism that allows for real-time tracking of drones and their pilots. The solution supports the detection of both DJI and Non-DJI drones.

IA-P5000 is a complete drone detection solution that quickly detects, identifies, and alerts on UAV communication links and collects real-time data such as flight status, routes, and distance.

The touch screen displays detailed telemetry data, including the drone model, serial number, speed, geolocation, altitude, and movements of the drone, as well as the pilot's position.

The mobile IA-P5000, as opposed to the fixed- deployed unit, is suitable for event monitoring, public safety events, VIP security, and different fields.

Due to its compact, mobile, easy-operating settings, minimal training is required for adaptation of solution.

IA-P5000, provides central monitoring, command, and investigative capabilities while combining data from prior flights (history reports).

It is also scalable and can be integrated with other products based on clients' individual needs and facilitate the integration of various systems.

Applications:

- Public Safety
- Correctional Institutions
- Airport Solution
- VIP Security
- Stadium/Venues
- Critical Infrastructure
- Commercial Settings
- Military Setting

IA-P5000

The IA-P5000, signature product powered by DSI-GEN2 and advanced AI designed as portable solution for early warning, drone detection, identification and location of the drone and the pilot.

The monitoring data stream enables users to respond in an educated manner as quickly as feasible.).

- Portable all in one 360 degrees Drone Detector
- Detection Range +3 miles
- Full band detection 70 MHz to 6 GHz
- Detects DJI & Non DJI Drones (Detects up to 45 Drones)
- Detects, tracks both drones and pilots
- ID's make, model, serial number based on +450 drone library
- DSI GEN2 Touch Screen
- +12 hrs operating time on one charge
- IP67
- LAN or Cell Connectivity
- Laptop connection option as second monitor
- Battery Swappable

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Product Specifications

Technology	Deep Signal Inspection (DSI-GEN2)
Detection Range	Up to 5 km* (0-3.1 miles*)
Operating Temperature Range	- 20C to +40C
Supported UAVs	Non-DJI and DJI
Geolocation of Drone	Up to 5km (10m RMS)
Simultaneous UAVs Detection	Up to 45 drones
Detection Frequency	2.4GHz, 5.2GHz, 5.8GHz, 0~6GHz Full band
Product Dimensions	470mm x 357mm x 176mm (Width x Depth x Height)
Weight	<=12kg
Ingress Protection Rating	IP 67
Operating Humidity	<=85%RH （In case closed state）
Power Supply	AC 100 to 240 V
Battery Mode Duration	>12h (up to 15h)
Charging time	<4h
Power Consumption	< 35 W
Connectivity	LAN or Cellular
Configuration, Operation, Alarms	International Armour WebUI
Software Updates	Local or Cloud Subscription
Data Storage	Local or Cloud Subscription
System Integration	Graph QL and RESTful API Interface
Display and Interaction	Touch screen
Audio	Microphone and external headphones
Transport	300CPM 48min with package
Hardware Interface	Power Port*1, RJ45*1, USB*1, 3.5mm Audio Interface
Interference with Other Systems	No Interference (passive)
Directivity	360° Omnidirectional
Monitor	10.1 inches, resolution 1920x1080

IA-P5000

Operation Interface