

W AVETRONICS

WAVETRONICS RADAR CAMERA

With Integrated Operation Platform



WAVETRONICS Radar Camera(Day/Night)

- » Interlocking radar and ultra-low-light camera for day and night surveillance
- » Dramatically improves the detection and identification rate of moving objects
- » Eliminate the camera optical limitations (flare, haze/fog, protective color camouflage, etc.)
- » Improve accuracy and implementation using AI technology

CAMERA

- Az. Coverage (Pan) : 360° continuous (0.006°~100°/sec) & El. Coverage (Tilt) : -60° to +60° (0.003°~50°/sec)
- Laser Illuminator : Distance : >5km

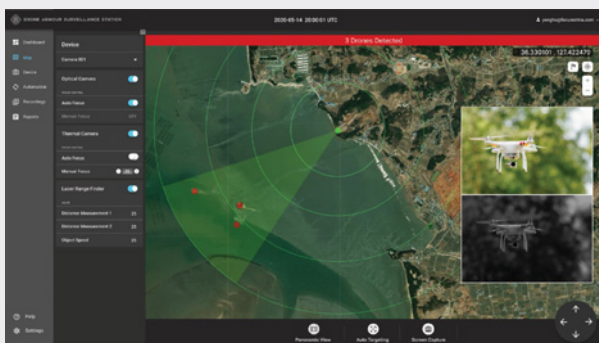
RADAR

- Field of view : 120° azimuth x 80° elevation
- Angular resolution : $\pm 1^\circ$ azimuth x $\pm 3^\circ$ elevation
- Frequency : 24.45 - 24.65 GHz (USA; multi-channel)

WAVETRONICS INTEGRATED OPERATION PLATFORM

Simple Interface To Control And View Multiple Focus Retina Cameras and Radars

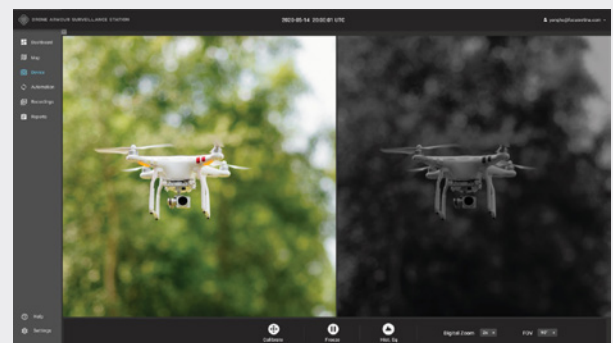
Integrated Operation



- » Integrated Cameras and Radars
- » High Precision GPS Mapping
- » On-screen Live Video of Targets

The software integrates data to monitors, tracks and neutralizes threats. It has an easy-to-use user interface, increasing productivity and cutting down the time for detecting potential threats.

Visual Screen



- » Intelligent Vision Algorithm
- » Easy Comparison with Day/Night Image
- » AI Visual Recognition & AI Lens Control

The software provides live video footage for targets of interest. For operators to identify possible threats, it shows both normal and night image. The software's intelligent vision algorithm distinguishes objects automatically.

WAVETRONICS SHIELD

With Integrated Operation Platform

- » RF Scanning & Detecting Object
- » Directional Outstanding Jamming Capacity
- » Jamming available to changing RF of DRONE/UAV
- Jamming Performance : 400 MHz - 6 GHz(Include GPS L1, L2, 2.4/5.8 GHz)
- Equipped with RF Scanner & Signal Generator(400 MHz - 6 GHz)
- 360° Rotation Jamming
- ESS Function(4 Kwh Power pack + Exclusive BMS)



WAVETRONICS RENDEZVOUS

With Integrated Operation Platform



- » Neutralize Enemy Drones with a Mid-air Collision
- » Cluster Flight, Auto-navigated Flight or Manual Flight
- » Precise Targeting of Enemy Drones with Radar & Vision System
- Dimensions(W x H x L) : 1150 x 580 x 120 mm
- Body Material : EPP and Carbon
- Weight : 1.5 kg
- Speed : up to 300 km/h, cruise at 40 km/h
- Flight : up to 1 hour and 2 km operational radius



WAVETRONICS INTEGRATED ANTI DRONE/UAV DEFENSE SOLUTION

With Integrated Operation Platform



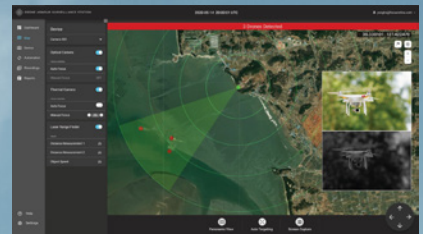
Radar

1. DETECTION / 5 km



Drone

2. TRACKING



Integrated Operation Platform

3. IDENTIFICATION / 2 km



Day/Night Camera



Drone Armour

4. NEUTRALIZATION / 1 km



Jammer