

# ATID - Anti-Threat Intelligent Detector

As we all know, the concern regarding miniaturized UAVs such as drones and quadcopters has been rising around the world in the past years. Capture Systems has developed an anti-threat intelligent detector called ATID for real time detection and tracking. Along with UAVs the system can identify and track humans, aircrafts, ships and more.

The system is based on the Caracal positioner- one of our leading products in the market. Caracal is small, light and designed to be carried easily by a single person, yet this positioner is capable of supporting payloads of up to 40kg while maintaining perfect precision and movement.

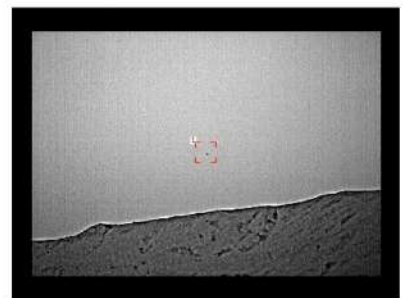
The Caracal positioner can be stabilized when the system is assembled in different land or sea scenarios.

The system can be assembled with a GPS in order to predict the drone direction using the Global Positioning System units (LLA).

The system has real time optical threat detection and tracking capabilities, using day and thermal cameras.

ATID protects clients in different sectors against various threats and in numerous locations such as airports, critical infrastructures, prisons etc.

- Can be mounted on land or sea for 24/7 surveillance
- **Detects** unwanted threats by using real time image processing
- Detects up to **5 Drones** (or any other threat) **simultaneously**
- **Detection** with both day and thermal cameras
- Minimum tracked object size: **5 pixels**
- Drone tracking- moving in speeds **up to 65 km/h** (within at least 1 km's distance)
- Optional enhancements:
  - **Weapon:** trigger and safety catch control unit.
  - **Jammer:**  
Jamming range: Up to 1 Km  
Jamming any type of commercial drones
- **Made in Israel**



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