AI Automatic Video Tracker
AVT

Tanz™

AI Automatic Video Tracker

AI Automatic Video Tracker (AVT) accepts video signal from infrared and day/night Tanz Security sensors. The AVT can be used to track moving objects from a static or moving platform. By interfacing AVT with a camera on a pan tilt platform, it is possible to continuously follow a moving object in different scenarios, such as ground, sea or sky.

Tanz Security Automatic Video Tracker is implemented using state of the art multi core DSP to handle video frame grabbing and image processing tasks to achieve real time performance, well-known and proven tracking algorithms such as Correlation, Edge and Centroid and YOLO v7 framework algorithms with proprietary logic to handle obscuration have been used.
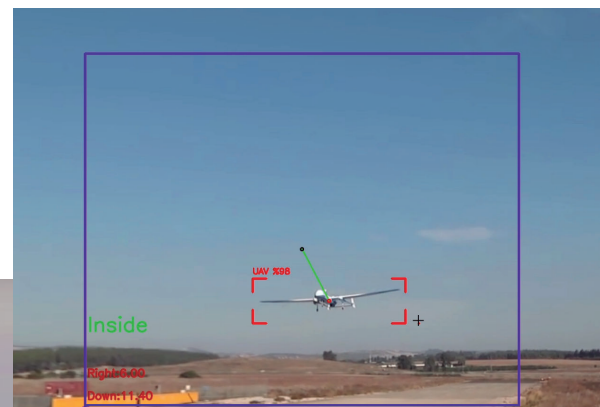
The operator has the option to select various engaging models depending on the scene.

AVT includes AI capability to learn how to isolate and track fast moving objects, specially UAV, planes, military vehicles or fast boats.

Designed as the advanced tracking version for HELIOS command and control platform, it ensures the best tracking accuracy and speed in critical applications.

Features

- Seamless operation with HELIOS C2
- Supports infrared and day/night cameras
- Supports any focal length lens and resolution
- Suitable for UAV tracking
- Waterproof aluminum housing

NATO / OTAN

NATO/OTAN NCAGE: SHCT4

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