

AEROEYE



Optical drone detection
Classification and tracking of manned
aircraft & UAVs



AERO EYE

AI
POWERED

USE WITH ANY
ONVIF CAMERA

AeroEye is a visual drone detection system using high-definition fixed focal-length area scan PTZ ONVIF cameras, to monitor an area and detect the presence of UAVs and other aircraft.

The system uses AI and auto-tracking, for complete 360 degree monitoring of the skies. The camera automatically identifies, tracks and records, providing full analysis of the identified aircraft.

AeroEye is also fully integratable into AeroTracker, providing real-time images of a drone, as well as viewing the flight path and entry/exit into a set zone.

Detection &
Classification

Tracking up to
20km

Fully integrated into other
Drone Defence technologies

Choose any PTZ
ONVIF camera

KEY FEATURES



Detects, tracks and classifies all drones from major drone manufacturers



AeroEye can be fully integrated into any other Drone Defence technologies such as AeroTracker



Track multiple drones simultaneously



Wide variety of data information provided including range, bearing, field of view, perimeter direction, elevation and zoom of the specified object.



AeroEye employs state-of-the-art artificial intelligence algorithms to swiftly detect and track drones through visual data analysis



Detection and tracking range over 1km

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CAMERA OPTIONS

The incorporation of any ONVIF PTZ (Pan-Tilt-Zoom) camera into the AeroEye system showcases the system's adaptability and interoperability. AeroEye's design allows seamless integration with a wide range of ONVIF PTZ cameras, enabling users to leverage existing surveillance infrastructure for drone detection purposes.

This integration empowers an existing Drone Defence drone detection system with additional visual coverage, enabling it to scan larger areas and providing detailed, real-time footage for analysis by its AI algorithms.



Range	Up to 500m (day/low light)
Field of view	360°
Aircraft identification	Quadcopter UAV Fixed wing UAV General/commercial aircraft
Maintenance	Annual manual inspection



Range	Up to 1km (in ideal conditions)
Field of view	360°
Aircraft identification	Quadcopter UAV Fixed wing UAV General/commercial aircraft
Maintenance	Annual manual inspection



Range	Up to 1km (in day/low light)
Field of view	360°
Aircraft identification	Quadcopter UAV Fixed wing UAV General/commercial aircraft
Maintenance	Annual manual inspection



Range	Up to 20km (in ideal conditions)
Field of view	360°
Aircraft identification	Quadcopter UAV Fixed wing UAV General/commercial aircraft
Maintenance	Annual manual inspection

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GET IN TOUCH

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