

Automated air target detection system BALOR



ЦЕНТР ВПРОВАДЖЕННЯ
ІНДУСТРІЇ 4.0
ПОЛТАВСЬКИЙ ДЕРЖАВНИЙ АГРАРНИЙ УНІВЕРСИТЕТ

The system can identify flying targets at a distance of 3-5 km to 7-9 km in real time, assists in aiming at the target, provides its tracking, receives target's coordinates and guidance for effective destruction of a target.



- Detection of air objects (from 100 m to 1000 m, depending on the type of equipment and size (1.5x5 m))
- Classification of air objects (from 100 m to 350 m, depending on the type of equipment and size (1.5x5 m))
- Informing in the monitoring center and rapid response teams
- Data transfer to "Virage-Tablet"

Software features
(street video surveillance)

Development prospects:

- Creation of mobile complexes for the detection of air targets
- Adjustment of fire
- Transition to own production



Thermographic bispectral positioning system
(thermographic and optical cameras for horizon view)

Scope of application:

Military: "Air defense of the perimeter of military facilities (airfields, military concentration areas, border areas, etc.)."

Civil: "Usage in the agricultural sector; air defense of the perimeter of airports, critical infrastructure facilities and others."