

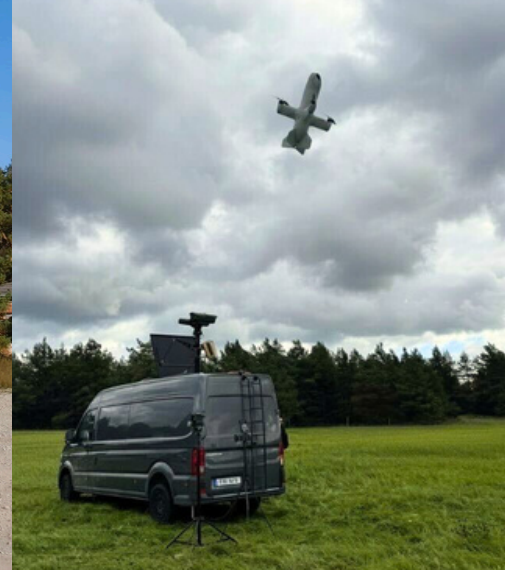
EIRSHIELD

Ultra-Short-Range Air Defence System/ Counter-UAS

Mobile all-terrain* Ultra Short Range Air Defence AI-assisted turn-key system against different aerial targets, which consist of various sensors and effectors. Radars will detect multi-rotor and fixed-wing type drones up to 8 km, which can be verified by RF sensors and classified by EO/IR camera system. EIRSHIELD system can detect and track hostile aerial targets, jam radio and GNSS signals. System can be equipped with soft-kill interceptor drones capable of AI-assisted maneuvering or attack aerial target with hard-kill effectors. System setup time is less than 15 minutes. Only system in the world with such a big variety of effectors to protect critical infrastructure, high value assets etc.



*System can be placed on different platforms.



CABIN

2 operator seats with 4 screens
Rugged MIL-STD onboard computers
RTK GNSS
AI-assisted C2ISR
Radio and satellite communication

EFFECTORS

Radio and GNSS jamming
Interceptor quadcopter with AI and radar targeting, auto-piloted takeoff, flight and landing
Mission duration up to 30 min. and 3 automated net-guns as effectors
Anti-air machine guns or artillery
Anti-air missiles**

** 3rd party effectors integrated
*** depending on weather condition and target type



AIR-DEFENCE MODULE

EO: up to 5 km detection***
Thermal: up to 2 km detection***
LRF: up to 10 km
PT: 360 degrees
Radar: large targets 8 km, small targets 4 km
AI-detection, tracking and identification
RF direction finder
System is suitable for different missions, including C-UAS

ENERGY MODULE

Lithium batteries and generators
Up to 12h autonomy DC/AC

WEATHER

Cameras operational temperature: -25°C to +55°C
All weather and terrain capabilities

