

ANDROMEDA - Electronic protection against unmanned aerial systems

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ANDROMEDA system is a complex electronic solution against non-registered Unmanned Aerial Systems/Vehicles (UAS/UAV). It will reduce the security threat of low-flying objects thanks to its high-tech modules designed for detection, tracking, control and elimination of such intruders.

Main Goals:

UAS/UAV security risk reduction
Airspace perimeter protection against:

- ✓ Dangerous and prohibited substances
- ✓ Explosives or dirty bomb transportation
- ✓ Electronic components designated for taking non-authorized audio/video records

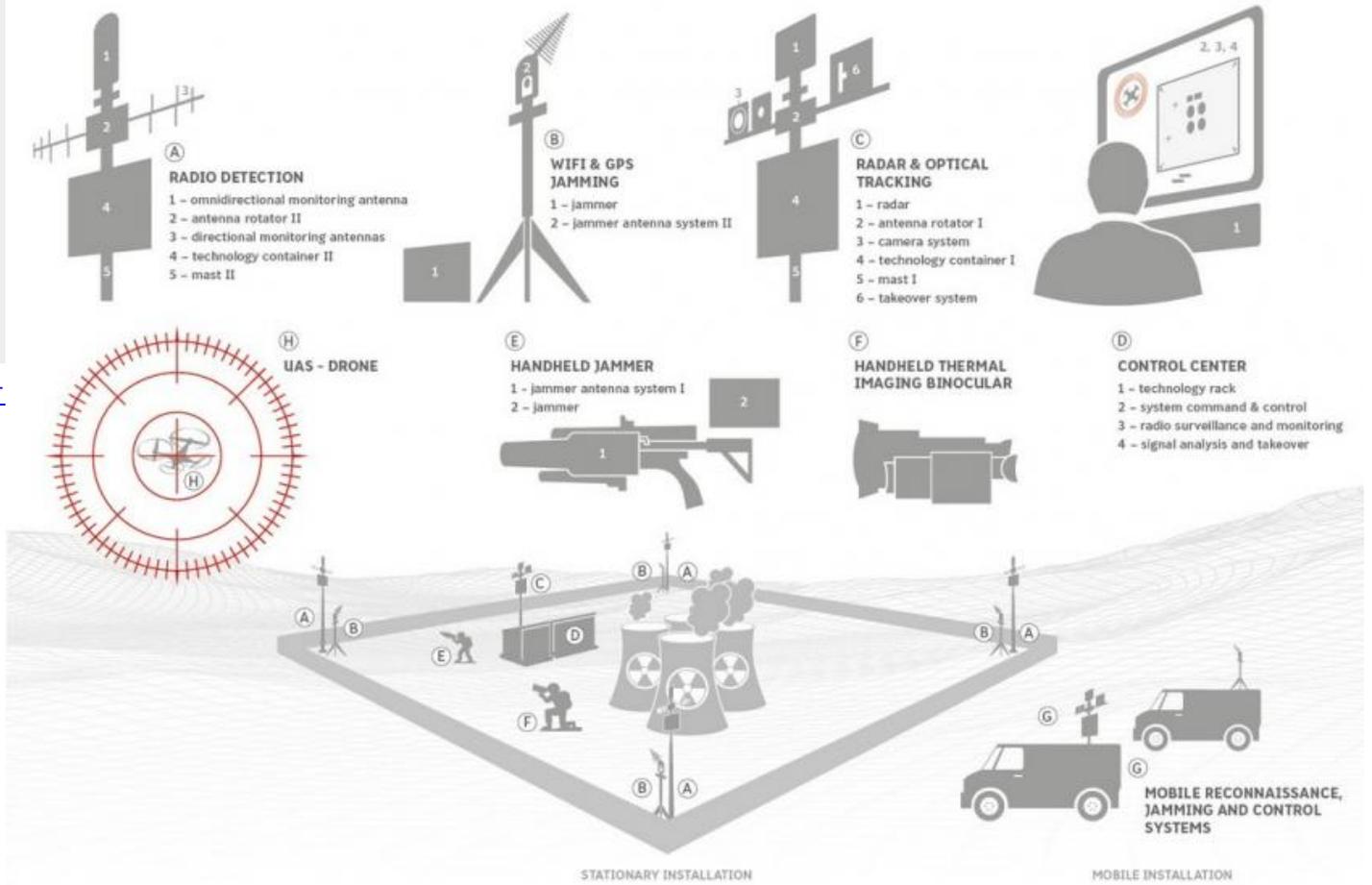
Applications:

- ✓ Airspace protection against dangerous unmanned flying systems
- ✓ Hindering the intrusion of unmanned flying systems into protected airspace
- ✓ Taking control over the UAV operation and landing in safety area
- ✓ Human health risk reduction
- ✓ Property damage risk reduction

The ANDROMEDA system consist of 4 basis interworking modules:

1. Detection module – SYMON AD, is a SW application and the set of various independent sensors (radio, radar and other) providing a reliable detection of UAS,
2. Elimination/Takeover module – AKRS AD, is used to detect, analyze and decode the UAS control signal which is then replaced by generated fake signal allowing to take UAS over and ensure its safe landing,
3. Elimination/Jamming module – STAR AD, is jamming the receiver of UAS with the only mission – stop it,
4. Supervision module – C2AP AD, is the command & control unit that provides almost real time supervision of ANDROMEDA system and allows data and information sharing

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