



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

TUTELARIS COUNTER-UAS SYSTEMS
COUNTER-UAS SYSTEMS

TUTELARIS

M1

MOBILE INTEGRATED COUNTER-UAS SYSTEM

Vehicle-mounted counter-UAS protection combining radar, RF detection, thermal/daylight electro-optics, RF soft kill and open-architecture command and control.

MULTI-SENSOR

24 / 7 OPERATIONS

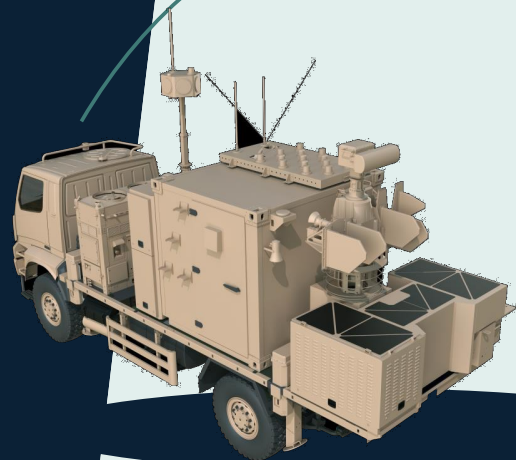
RF SOFT KILL

SENSOR FUSION

Radar, RF detection and dual EO

ELECTRONIC EFFECT

Directional + omnidirectional RF



TUTELARIS M1 | AIA-CUAS-M1-MK1

VEHICLE-BASED COUNTER-UAS PROTECTION

Artillerie Inrichtingen Armaments BV presents TUTELARIS M1, a mobile integrated counter-UAS system developed to detect, classify, identify, track and neutralize mini, micro, small and FPV UAV threats.

The sand-finished vehicle integrates radar, RF detection and direction finding, thermal and daylight electro-optics, RF countermeasures, a telescopic mast, autonomous power and open-architecture command and control.

Multi-sensor

RADAR, RF AND EO DETECTION

24 / 7

ALL-WEATHER OPERATIONS

Soft kill

DIRECTIONAL AND OMNIDIRECTIONAL RF

● Artillerie Inrichtingen Armaments BV - Licensed manufacturing programme in the Netherlands



OPERATIONAL CAPABILITY & SYSTEM DATA

TUTELARIS M1 | MOBILE MULTI-SENSOR COUNTER-UAS DETECTION AND RF COUNTERMEASURE SYSTEM

SYSTEM CAPABILITIES

- Autonomous detection, classification, identification and tracking of UAV threats
- Integrated radar, RF detection and electro-optical sensing
- Multi-target tracking and support against swarm threats
- Day/night thermal and daylight electro-optical surveillance
- Automatic video tracking after operator initialization
- Directional and omnidirectional RF soft-kill coverage
- Open and modular command-and-control architecture
- Sensor fusion, threat evaluation and countermeasure assignment
- GIS-based alarm, friendly and restricted-zone management
- Integration of external sensors, C2 systems and qualified hard-kill effectors

SYSTEM ARCHITECTURE

INTEGRATED MOBILE ARCHITECTURE

radar; RF detection/DF; thermal + daylight EO; directional + omnidirectional RF; mast; generator; open C2

DETECTION

Radar + RF

CONFIRMATION

Thermal + TV

EFFECT

RF soft kill

INTERFACE / COMPATIBILITY

external sensors and C2 systems; multiple counter-UAS nodes; qualified hard-kill effectors; fixed and mobile mission configurations

PHYSICAL

Vehicle shelter; telescopic mast; integral generator; directional and omnidirectional antennas

COUNTER-UAS PROFILE

Detection, classification, identification, tracking, threat evaluation and RF neutralization of mini, micro, small, FPV and swarm UAV threats.

SURVEILLANCE RADAR

RF DETECTION

THERMAL EO

DAYLIGHT EO

DIRECTIONAL EW

OMNI EW

SENSOR FUSION

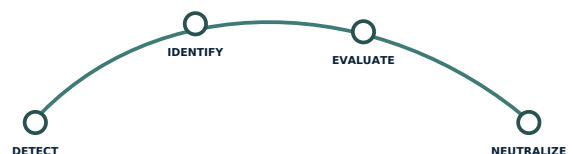
OPEN C2

SENSOR, C2 & COUNTERMEASURE INTEGRATION

TUTELARIS M1 integrates surveillance radar, RF detection and direction finding, thermal and daylight electro-optics, directional and omnidirectional RF countermeasures, a telescopic sensor mast, autonomous power and open-architecture C2 on a mobile vehicle. Sensor fusion supports threat evaluation and countermeasure assignment across one or multiple nodes, while programme interfaces can accommodate external sensors, command systems and qualified hard-kill effectors. Integration remains subject to spectrum, electromagnetic, safety, airspace and system qualification.



SAND MOBILE VEHICLE CONFIGURATION



MULTI-SENSOR COUNTER-UAS RESPONSE CHAIN

Mobile architecture: radar + RF detection + dual EO + directional and omnidirectional RF soft kill.

Export/end-user, spectrum, airspace and publication approvals apply. Specifications subject to change.