



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

CAELOR AIR DEFENCE SYSTEMS
AIR DEFENCE SYSTEMS

CAELOR CUAS-25

INTEGRATED MOBILE COUNTER-UAS SYSTEM

Mobile soft-kill and hard-kill counter-UAS protection combining 3D AESA surveillance, radar/EO tracking, RF countermeasures and programmable 25 mm airburst engagement.

1,200 M EFFECTIVE

600 RPM

SOFT + HARD KILL

SENSOR FUSION

Radar, EO and open-architecture C2

LAYERED EFFECT

RF soft kill + 25 mm hard kill



CAELOR CUAS-25 | AIA-ADS-CUAS25-MK1

MOBILE COUNTER-UAS DEFENCE

Artillerie Inrichtingen Armaments BV presents CAELOR CUAS-25, an integrated mobile counter-UAS system developed to protect convoys, mobile units, critical assets, borders and populated areas against mini, micro and FPV UAV threats.

The camouflaged 4x4 system fuses 3D AESA surveillance, radar and electro-optical tracking, RF countermeasures and programmable 25 mm airburst effect within an open command-and-control architecture.

1,200 m

PUBLISHED HARD-KILL EFFECTIVE RANGE

600 rpm

MAXIMUM RATE OF FIRE

200 rounds

READY-TO-FIRE AMMUNITION

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



OPERATIONAL CAPABILITY & SYSTEM DATA

CAELOR CUAS-25 | INTEGRATED MOBILE SOFT- AND HARD-KILL COUNTER-UAS SYSTEM

SYSTEM CAPABILITIES

- Autonomous detection, classification, identification and tracking of UAV threats
- Integrated 3D AESA surveillance radar
- Day/night thermal and daylight electro-optical sensing
- Laser range finding and precision stabilized tracking
- RF soft-kill against control, navigation and data links
- Directional and omnidirectional countermeasure coverage
- Remote 25 mm programmable-airburst hard-kill effect
- Published hard-kill effective range of 1,200 m
- Maximum rate of 600 rpm with 200 ready rounds
- Open-architecture C2, sensor fusion and multi-system control

TECHNICAL DATA

SYSTEM ARCHITECTURE

3D AESA radar; surveillance EO; weapon-station EO; laser range finder; RF countermeasure; 25 mm airburst; open-architecture C2

HARD KILL

1,200 m

RATE

600 rpm

READY LOAD

200 rounds

INTERFACE / COMPATIBILITY

external sensors and command systems; multiple counter-UAS nodes; fixed and mobile mission configurations

PHYSICAL

Camouflaged 4x4 carrier; 25 mm programmable airburst; 200 ready rounds; published maximum road speed 120 km/h

COUNTER-UAS PROFILE

Layered detection, classification, tracking and neutralization of mini, micro and FPV UAV threats using RF soft kill and programmable 25 mm hard kill.

3D AESA

RADAR TWS

DUAL EO

DAY / NIGHT

RF SOFT KILL

25 MM HARD KILL

SENSOR FUSION

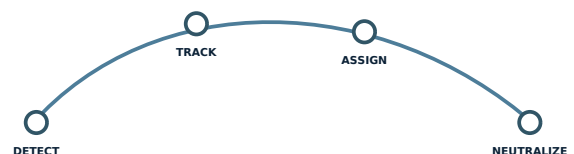
OPEN C2

SENSOR, C2 & EFFECTOR INTEGRATION

CAELOR CUAS-25 integrates 3D AESA surveillance, dual electro-optical sensing, laser range finding, RF countermeasures, a remote 25 mm airburst weapon station and open-architecture C2 on a mobile 4x4 platform. Sensor fusion supports threat evaluation and assignment of soft- or hard-kill effects against mini, micro and FPV UAVs, including swarm threats. Programme integration remains subject to spectrum authorisation, airspace, safety, ammunition and system qualification.



CAMOUFLAGED MOBILE 4x4 CONFIGURATION



LAYERED COUNTER-UAS ENGAGEMENT CHAIN

Published hard-kill data: 1,200 m effective range; 600 rounds/min maximum; 200 ready rounds.

Export/end-user, spectrum, airspace and publication approvals apply. Specifications subject to change; tolerance $\pm 10\%$.