



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

TUTELARIS COUNTER-UAS SYSTEMS
COUNTER-UAS SYSTEMS

TUTELARIS

HK-12

TWIN 12-GAUGE
HARD-KILL COUNTER-UAS

Mobile self-defense counter-UAS system combining multisensor detection, AI-assisted classification and automated close-range hard-kill engagement.

100+ M EFFECT

2 X 600 RPM

360 DEG COVERAGE

MULTI-SENSOR DETECTION

Acoustic, lidar, radar and/or EO

AUTOMATED HARD KILL

AI-assisted track, priority and fire



TUTELARIS HK-12 | AIA-CUAS-HK12-MK1

MOBILE SELF-DEFENSE COUNTER-UAS PROTECTION

Artillerie Inrichtingen Armaments BV presents TUTELARIS HK-12, a compact mobile self-defense system developed to detect, classify, track and physically neutralize mini and micro UAV threats, including targets resistant to RF jamming.

The tactical-olive platform combines configurable acoustic, lidar, radar and electro-optical sensing with AI-assisted processing, thermal imaging, laser range finding and a compact twin 12-gauge hard-kill turret.

100+ m

PUBLISHED HARD-KILL EFFECTIVENESS

2 x 600 rpm

PUBLISHED FIRING CAPABILITY

360 deg

PUBLISHED LATERAL COVERAGE

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



OPERATIONAL CAPABILITY & SYSTEM DATA

TUTELARIS HK-12 | MOBILE MULTI-SENSOR SELF-DEFENSE HARD-KILL COUNTER-UAS SYSTEM

SYSTEM CAPABILITIES

- Day and night threat detection and tracking in all-weather operation
- Configurable acoustic, lidar, radar and electro-optical sensor inputs
- AI-based automatic threat detection, tracking and classification
- AI-supported target prioritization and fire assistance
- Low false-alarm architecture with automated target engagement
- Compact turret with two 12-gauge hard-kill effectors
- Thermal camera and laser range finder for target tracking
- Published effectiveness beyond 100 m against mini and micro UAVs
- MIL-STD-810 and MIL-STD-461 compliance objective
- Wired and wireless integration with command-and-control systems

PUBLISHED SYSTEM PROFILE

INTEGRATED SELF-DEFENSE ARCHITECTURE

multi-sensor inputs; AI detection/classification; thermal EO; laser range finder; twin 12-gauge hard kill; wired/wireless C2

EFFECT

100+ m

EFFECTORS

2 x 12 gauge

TRAVERSE

360 deg

INTERFACE / COMPATIBILITY

acoustic sensor, lidar, radar and/or electro-optical subsystems; qualified tactical vehicle; wired/wireless upper C2 integration

PHYSICAL

Compact twin-effector turret; thermal camera; laser range finder; published 360 deg traverse and -20 to +70 deg elevation

COUNTER-UAS ENGAGEMENT PROFILE

Detect, classify, prioritize, track and physically neutralize mini and micro UAV threats from one mobile self-defense platform.

MULTI-SENSOR

AI CLASSIFICATION

AUTO TRACKING

TARGET PRIORITY

THERMAL EO

LASER RANGING

TWIN 12-GAUGE

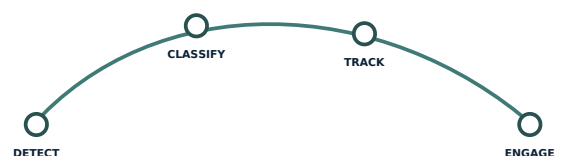
UPPER C2

SENSOR, AI, EFFECTOR & C2 INTEGRATION

TUTELARIS HK-12 integrates configurable acoustic, lidar, radar and/or electro-optical detection, AI-based threat classification and prioritization, thermal imaging, laser range finding, automatic target tracking and a compact twin 12-gauge hard-kill turret on one mobile platform. Published hard-kill data includes effectiveness beyond 100 m, two effectors each rated at 600 rpm, 360 deg lateral coverage and -20 to +70 deg elevation. Integration remains subject to vehicle, sensor, communications, ammunition, fire-sector, airspace and full system qualification.



TACTICAL OLIVE MOBILE HARD-KILL C-UAS CONFIGURATION



AUTOMATED HARD-KILL COUNTER-UAS CHAIN

Published hard-kill data: 100+ m effectiveness; 2 x 600 rpm; 360 deg traverse; -20 to +70 deg elevation.

Export/end-user, ammunition, airspace, range-safety and publication approvals apply. Tolerance +/-10%.