



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

SENTINEL LAND WEAPON SYSTEMS
WEAPON SYSTEMS

SENTINEL

RC-127 STABILIZED ADVANCED REMOTE WEAPON STATION

Stabilized land remote weapon station for protected surveillance and precise engagement from tactical vehicles, fixed posts and weapon towers.

12.7 MM

235 KG

360° AZIMUTH

PLATFORM INTEGRATION

Vehicles, posts and towers

PROTECTED OPERATION

Remote surveillance and fire



SENTINEL RC-127 | AIA-LWS-RC127-MK1

LAND REMOTE WEAPON SYSTEM

Artillerie Inrichtingen Armaments BV presents SENTINEL RC-127, a stabilized land remote weapon station developed for protected surveillance and accurate engagement of stationary and moving targets.

The tactical-olive system combines automatic target tracking, computer-based fire control, day/night electro-optics and automatic ballistic calculation in a modular architecture for vehicles, fixed posts and towers.

235 kg

WITHOUT WEAPON AND AMMUNITION

800 mm

SYSTEM HEIGHT

n x 360°

CONTINUOUS AZIMUTH

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



OPERATIONAL CAPABILITY & SYSTEM DATA

SENTINEL RC-127 | 12.7 MM STABILIZED ADVANCED LAND REMOTE WEAPON STATION

SYSTEM CAPABILITIES

- Remote operation and firing with manual back-up
- Shoot-on-the-move against stationary and moving targets
- Automatic target tracking
- Automatic ballistic calculation with laser range data
- Day and night passive electro-optic surveillance
- Computer-based fire-control functions
- Fired-round counter and last-ammunition warning
- External sensor, radar and command-system integration
- Movement and fire forbidden-zone management
- MIL-STD-810 environmental design compliance

TECHNICAL DATA

SYSTEM ARCHITECTURE

stabilized turret; 12.7 mm primary weapon; day camera; IR camera; laser range finder; fire-control computer

HEIGHT

800 mm

AZIMUTH

n x 360°

WEIGHT

235 kg

INTERFACE / COMPATIBILITY

tactical vehicles, fixed posts and towers; external sensor, radar and command-and-control integration

PHYSICAL

Elevation: -30° to +60°; azimuth: continuous n x 360°; height: 800 mm

OPERATIONAL PROFILE

Protected remote surveillance, tracking and stabilized fire against stationary and moving land targets.

REMOTE CONTROL

SHOOT ON MOVE

AUTO TRACKING

AUTO BALLISTICS

DAY / NIGHT EO

SENSOR INTEGRATION

FIRE-ZONE CONTROL

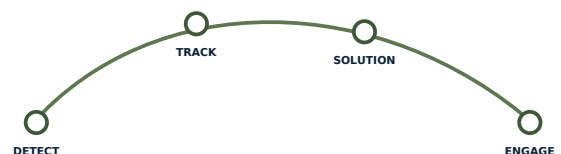
MANUAL BACK-UP

SYSTEM ARCHITECTURE & INTEGRATION

SENTINEL RC-127 combines a tactical-olive stabilized turret, day/night electro-optics, laser range finding and a computer-based fire-control system. The modular architecture supports selected 12.7 mm primary-weapon configurations, with optional 7.62 mm and 40 mm variants, armor-protected or external ammunition reloading, wireless remote operation, picture-in-picture and mission-specific payloads. Platform integration remains subject to structural, electrical, electromagnetic, safety and firing-arc qualification.



TACTICAL OLIVE STABILIZED CONFIGURATION



SENSOR-TO-ENGAGEMENT CHAIN

12.7 mm primary configuration. Weight: 235 kg without weapon and ammunition. Height: 800 mm. Elevation: -30° to +60°.

Export/end-user approvals apply. Specifications subject to change; tolerance ±10%.