



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

SENTINEL LAND WEAPON SYSTEMS
WEAPON SYSTEMS

SENTINEL

RC-127C

COMPACT MULTI-CALIBRE
REMOTE WEAPON STATION

Compact stabilized land remote weapon station with selectable 7.62 mm, 12.7 mm and 40 mm configurations for protected surveillance and engagement.

MULTI-CALIBRE

212-330 KG

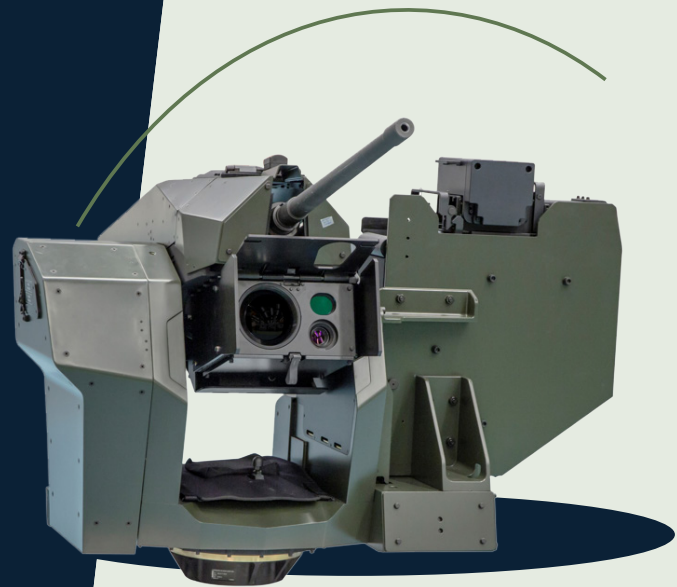
360° AZIMUTH

COMPACT INTEGRATION

Vehicles, posts and towers

CONFIGURATION RANGE

7.62, 12.7 and 40 mm



SENTINEL RC-127C | AIA-LWS-RC127C-MK1

COMPACT LAND WEAPON SYSTEM

Artillerie Inrichtingen Armaments BV presents SENTINEL RC-127C, a compact multi-calibre stabilized land remote weapon station developed for protected surveillance and precise engagement from tactical vehicles, fixed posts and towers.

The tactical-olive architecture supports selected 7.62 mm, 12.7 mm and 40 mm configurations and combines automatic target tracking, day/night electro-optics, laser range finding and computer-based fire control.

212-330 kg

WITHOUT WEAPON AND AMMUNITION

580-920 mm

SYSTEM HEIGHT RANGE

n x 360°

CONTINUOUS AZIMUTH

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



OPERATIONAL CAPABILITY & SYSTEM DATA

SENTINEL RC-127C | COMPACT MULTI-CALIBRE STABILIZED LAND REMOTE WEAPON STATION

SYSTEM CAPABILITIES

- Selectable 7.62 mm, 12.7 mm and 40 mm configurations
- 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
- Fire-zone management and MIL-STD-810 environmental design

TECHNICAL DATA

SYSTEM ARCHITECTURE

stabilized turret; selected 7.62 mm, 12.7 mm or 40 mm weapon; day camera; IR camera; laser range finder; fire-control computer

HEIGHT

580-920 mm

AZIMUTH

n x 360°

WEIGHT

212-330 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: 580-920 mm

OPERATIONAL PROFILE

Compact remote surveillance, tracking and stabilized engagement in selectable land-system configurations.

REMOTE CONTROL

MULTI-CALIBRE

SHOOT ON MOVE

AUTO TRACKING

AUTO BALLISTICS

DAY / NIGHT EO

SENSOR INTEGRATION

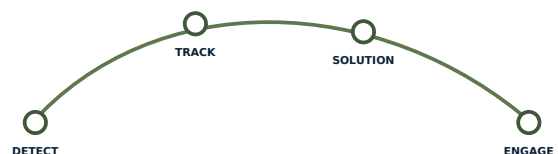
FIRE-ZONE CONTROL

SYSTEM ARCHITECTURE & INTEGRATION

SENTINEL RC-127C combines a compact tactical-olive stabilized turret, day/night electro-optics, laser range finding and computer-based fire control. Selected 7.62 mm, 12.7 mm or 40 mm configurations can be evaluated for tactical vehicles, fixed posts and towers. Optional provisions may include programmable 40 mm airburst capability, STANAG 4569 armor protection, smoke launchers, an IR laser pointer, acoustic gunshot detection, wireless remote operation and protected or external ammunition reloading. Platform integration remains subject to structural, electrical, electromagnetic, safety and firing-arc qualification.



TACTICAL OLIVE COMPACT CONFIGURATION



SENSOR-TO-ENGAGEMENT CHAIN

Selectable 7.62 / 12.7 / 40 mm configurations. Weight: 212-330 kg. Height: 580-920 mm.

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