



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

SENTINEL LAND WEAPON SYSTEMS
WEAPON SYSTEMS

SENTINEL

RC-762L

LIGHTWEIGHT LOW-PROFILE
REMOTE WEAPON STATION

Compact stabilized land remote weapon station for protected surveillance and precise engagement from crewed and unmanned tactical platforms.

5.56 / 7.62 MM

110-130 KG

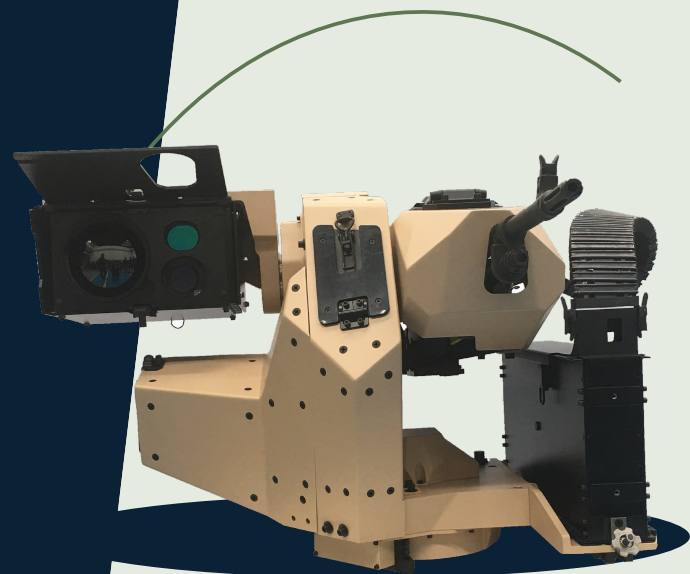
UNMANNED READY

COMPACT INTEGRATION

Low silhouette and weight

PLATFORM FLEXIBILITY

Crewed and unmanned systems



SENTINEL RC-762L | AIA-LWS-RC762L-MK1

LIGHTWEIGHT LAND WEAPON SYSTEM

Artillerie Inrichtingen Armaments BV presents SENTINEL RC-762L, a lightweight low-profile remote weapon station developed for protected surveillance and engagement from tactical vehicles, fixed posts, towers and unmanned platforms.

The compact tactical-tan system supports selected 5.56 mm and 7.62 mm weapon configurations and combines automatic target tracking, day/night electro-optics and computer-based fire control.

110-130 kg

WITHOUT WEAPON AND AMMUNITION

550-650 mm

SYSTEM HEIGHT RANGE

+75°

MAXIMUM ELEVATION

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



OPERATIONAL CAPABILITY & SYSTEM DATA

SENTINEL RC-762L | LIGHTWEIGHT 5.56 / 7.62 MM STABILIZED LAND REMOTE WEAPON STATION

SYSTEM CAPABILITIES

- Low-profile lightweight turret architecture
- 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
- External sensor, radar and command-system integration
- Movement and fire forbidden-zone management
- MIL-STD-810 environmental design compliance

TECHNICAL DATA

SYSTEM ARCHITECTURE

lightweight stabilized turret; selected 5.56 or 7.62 mm weapon; day camera; IR camera; laser range finder; fire-control computer

HEIGHT

550-650 mm

AZIMUTH

n x 360°

WEIGHT

110-130 kg

INTERFACE / COMPATIBILITY

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

PHYSICAL

Elevation: -30° to +75°; azimuth: continuous n x 360°; height: 550-650 mm

OPERATIONAL PROFILE

Compact remote surveillance, tracking and stabilized engagement from crewed or unmanned land platforms.

LOW PROFILE

LIGHTWEIGHT

REMOTE CONTROL

SHOOT ON MOVE

AUTO TRACKING

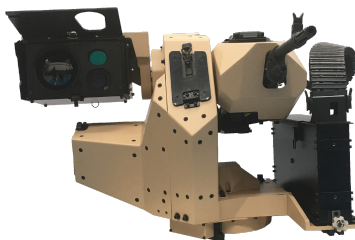
AUTO BALLISTICS

DAY / NIGHT EO

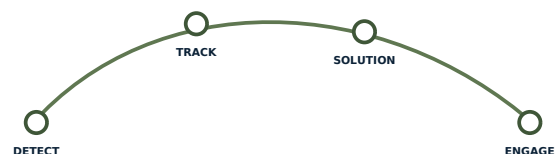
UNMANNED READY

SYSTEM ARCHITECTURE & INTEGRATION

SENTINEL RC-762L combines a compact stabilized turret, day/night electro-optics, laser range finding and computer-based fire control in a lightweight low-profile architecture. Selected 5.56 mm or 7.62 mm weapon configurations can be evaluated for tactical vehicles, fixed posts, towers and unmanned platforms. Optional provisions can include STANAG 4569 armor protection, long-distance wireless remote operation and an IR laser pointer. Platform integration remains subject to structural, electrical, electromagnetic, safety and firing-arc qualification.



TACTICAL TAN LOW-PROFILE CONFIGURATION



SENSOR-TO-ENGAGEMENT CHAIN

5.56 / 7.62 mm configurations. Weight: 110-130 kg without weapon and ammunition. Height: 550-650 mm.

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