



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

SPECTARIS SEEKER SYSTEMS
MISSILE SEEKER SYSTEMS

SPECTARIS

ARH-SS

ACTIVE RF / RF+IIR
SURFACE-STRIKE SEEKER

Active RF and RF+IIR hybrid seeker family for cruise missiles engaging stationary and moving ground or maritime surface targets.

RF / RF+IIR

CRUISE MISSILES

LOW OBSERVABILITY

MULTI-PLATFORM LAUNCH

Ship, submarine, land and air

SURFACE TARGETS

Stationary and moving targets



SPECTARIS ARH-SS | AIA-SKR-ARHSS-MK1

RF AND RF+IIR SEEKERS FOR CRUISE MISSILES

Artillerie Inrichtingen Armaments BV presents SPECTARIS ARH-SS, an active RF and RF+IIR hybrid seeker family developed for cruise missiles launched from ships, submarines, land systems and airborne platforms.

The seeker family supports long-range acquisition, long-duration cruise-missile missions, ECCM capability, low-observable integration and homing on stationary or moving ground and maritime surface targets, including in-shore platforms and ships.

RF / Hybrid

ACTIVE RF OR RF+IIR CONFIGURATIONS

Long range

PUBLISHED ACQUISITION CLASS

Low observable

PUBLISHED INTEGRATION CHARACTERISTIC

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



OPERATIONAL CAPABILITY & SYSTEM ARCHITECTURE

SPECTARIS ARH-SS | ACTIVE RF AND RF+IIR HYBRID SEEKERS FOR SURFACE-TO-SURFACE CRUISE MISSILES

SEEKER CAPABILITIES

- Active RF seeker configuration
- RF+IIR hybrid seeker configuration
- Long-range target acquisition
- Long-duration operation compatible with cruise-missile missions
- Homing on stationary and moving surface targets
- Ground and maritime surface-target applications
- Engagement of in-shore platforms and ships
- Electronic counter-countermeasures (ECCM) capability
- Low-observable integration characteristic
- Ship, submarine, coastal-defence and airborne launch applications

PUBLISHED SYSTEM PROFILE

RF / HYBRID SEEKER ARCHITECTURE

active RF front end; optional IIR channel; processing and tracking electronics; cruise-missile guidance interfaces; low-observable structure

CONFIGURATION

RF / RF+IIR

MISSION

Cruise missile

TARGETS

Surface

INTERFACE / COMPATIBILITY

cruise-missile guidance/autopilot, power, databus and radome interfaces; qualified ship, submarine, land or airborne launch programme

PHYSICAL

Active RF or RF+IIR hybrid seeker configuration; low-observable architecture; cruise-missile mission compatibility

SURFACE-STRIKE SEEKER MISSION PROFILE

Acquire and home on stationary or moving ground and maritime surface targets during long-duration cruise-missile missions.

ACTIVE RF

RF + IIR

CRUISE MISSILE

MOVING TARGETS

IN-SHORE

SHIPS

ECCM

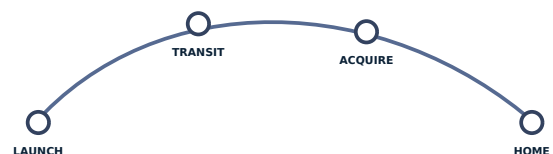
LOW OBSERVABLE

SEEKER, CRUISE MISSILE & PLATFORM INTEGRATION

SPECTARIS ARH-SS combines an active RF seeker or RF+IIR hybrid configuration with target-acquisition and tracking electronics, cruise-missile guidance interfaces and a low-observable integration architecture. The seeker family supports long-duration missions against stationary and moving ground or maritime surface targets, including in-shore platforms and ships, from qualified ship, submarine, land and airborne launch systems. Final sensor configuration, geometry, interfaces, spectrum and IIR parameters, target set and performance remain programme-specific and subject to qualification.



LOW-OBSERVABILITY RF / RF+IIR SEEKER CONFIGURATION



CRUISE-MISSILE TERMINAL-HOMING PROFILE

Published profile: active RF or RF+IIR hybrid; long-range acquisition; moving surface targets; ECCM; low observability.

Export/end-user, spectrum, EO/IIR, missile-safety, naval, submarine, airworthiness, range-safety and publication approvals apply. Tolerance +/-10%.