

Surveillance Radars



Coastal Surveillance Radar 970 Fish Eagle

The FISH EAGLE 970 consists of a self-contained operator control cabin and a separately deployable antenna mast. The control cabin is equipped with an operator's terminal and control unit, processor and drive electronic units, a power generator and environmental management systems. The deployable mast houses the radar sensor assembly including antenna assembly and radar electronics, rotator assembly and mast assembly. The antenna mast can be extended with the aid of an electrical winch system and is available in a 5 m and a 15 m configuration.



Surveillance Radar 940 Spider

It forms part of the 900 StealthRad product range of Low Cost, Light-weight, Low Probability of Intercept (LPI) Frequency Modulated Continuous Wave (FMCW) radars. FMCW provides a cost effective way to achieve coherent operation and the low transmitted power levels make StealthRad ideal for covert operations. The low power levels also increase reliability and reduce component costs.



Low elevation target detection Surveillance Radar

Low elevation target detection Solid-state bulk amplifier Fully coherent architecture High mobility on all-terrain transporter Fully autonomous on single vehicle Air transportable by standard cargo aircraft Integral command centre within armoured shelter Comprehensive ECCM suite Integral generator Combined radar/IFF Local or remote control and status monitoring High reliability, short down-time design Comprehensive on-line BIT with integrated diagnostics COTS-based Software Signal Processor



6-Beam Simultaneous Lobing 3D Radar

6-Beam simultaneous-lobing 3D radar(ESR 360L) 9-Beam simultaneous-lobing 3D radar (ESR 380) Active antenna housing distributed transmitter and receiver Integral Track-While-Scan Fully coherent architecture High mobility via transporter or trailer Air transportable Co-located or remote operations centre Comprehensive ECCM suite Local and remote control and status monitoring External data link High reliability, short down-time design Comprehensive on-line BIT with diagnostics



2D Multi-Mode Naval Radar

2D Multi-Mode Naval Radar Coherent pulse Doppler processing Comprehensive ECCM Suite Low mast weight suitable for small vessels Integrated into Combat Management System or stand-alone Application in Gun Fire Support Close range detection and high data update rate for helicopter guidance Extensive on-line Built-In Test facilities with integrated diagnostics COTS-based software signal and data processor Roll & pitch-stabilised antenna platform Optional IFF capability



Surveillance Radar RTS-6400

Superior low altitude tracking radar performance Passive operation capability using configurable optronics suite Robust performance in hostile ECM environment Line-of-sight stabilisation Short reaction times

Surveillance Radar 942 Spider

The RSR 942 SPIDER is a vehicle mobile (1 ton truck /trailer mounted), land-based, rapid deployment, 360 Degrees continuous scanning surveillance radar (based on the RSR 940 SPIDER), which is also capable of performing high-resolution sector scanning



surveillance, target recognition and identification.



Monopulse High Precision Radar KRONA

Solid-state high-precision monopulse secondary radar "Krona" is intended for air traffic control and for provision flight controllers with radar information about aircraft in area control and air route zones, as well as in airdrome zone. It can be supplied as separate or built-in system.



Aerodrome Surveillance Radar AORL-1AS/1AM

The primary-secondary aerodrome surveillance radar AORL-1AS is intended for operation in airports with congested traffic or average intensity of flights, whereas AORL-1AM is intended for operation in airports with low intensity of flights (average daily operation up to 12 hours).



Airport Surveillance Radar AORL-1AP

The airport primary surveillance radar AORL-1AP is intended for joint operation with autonomous secondary radars in airports with low and average intensity of flights and for use in airports with automated ATC systems.



Aircraft Landing System PRMG-76U/PRMG-5

Landing equipment of PRMG-76U / PRMG-5 instrumental landing system of decimetric range is intended to provide approach and landing for an aircraft, equipped with airborne navigation system RSBN-2S or its modifications, around-the-clock under ICAO CAT I-II / CAT I, respectively, in manual, semiautomatic and automatic mode.



VHF Range and azimuth Measuring RMA-90/DME RMD-90

VHF Omni-directional range RMA-90 and distance measuring equipment RMD-90 are designed for continuous indication of azimuth and range of an aircraft relatively radio beacon location.



Marker Radio Beacon RMM-95

The marker radio beacon RMM-95 is designed to ensure the signaling onboard of an aircraft (which is equipped with a receiver) about flyover of specific glidepath and on-course points.

Airport Landing System SP-90/90N

The instrumental landing systems SP-90 (two-channel, two-frequency, ICAO Category I, II, III) and SP-90N (one-channel one-frequency, ICAO Category I and II) are intended for ensuring of instrumental aircraft landing



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<http://surveillance-radars.at-communication.com/en/>