

ABOUT US

From its roots in 1990, Alaris Antennas has grown to become a substantial supplier of advanced Electronic Warfare (EW) antennas.

Alaris Antennas is part of Alaris Holdings (Pty) Ltd.



Our Vision

It is our vision to be:

- a global, world class trusted antenna and RF subsystem partner to our customers.
- the global antenna supplier/partner of choice for the defence and EW market.

Our Mission

Alaris Antenna's mission is to deliver high quality antenna solutions on time through technical and service excellence.

Furthermore, it is our mission to deliver innovative, customised, high quality antenna and related RF product solutions to global RF system integrators speedily through technical and service excellence.



www.alarisantennas.com

📍 1 Travertine Avenue, N1 Business Park,
Old Johannesburg Road, Centurion,
Gauteng, South Africa, 0157

☎ 011 034 5300

✉ sales@alaris.co.za



GAIN THE ADVANTAGE

Specialised broadband antennas and RF products

COMMUNICATION

We have an extensive range of HF, VHF, UHF, and SHF (L-, S- and C-band) omni-directional and directional communications antennas.

They are designed for mobile, fixed site, and man-portable applications, point-to-point, and point-to-multipoint radio communications.



DIRECTION FINDING

A direction-finding antenna is used in spectrum monitoring, ITU applications, transmitter fault finding, and EW systems to establish the direction from which a received signal was transmitted.

We have been constructing and testing DF antennas for over a two decades. These antennas come in a range of different sizes from a briefcase-carrying hand-operated DF antenna to large mast mounted arrays. Between the two extremes lies a series of vehicle, manpack, airborne, naval, and submarine antennas.

ELECTRONICS

We have a range of passive and active electronic products to complement our range. These include RF switches and power supplies.

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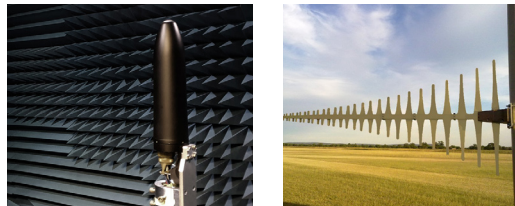
JAMMING

We offer a range of antennas for stand-off jamming and high-power transmit applications.

Typically, these are used to prevent unauthorised communications from functioning, either by preventing communications entirely or by introducing spurious messages into the communications system.

MONITORING

Monitoring antennas, whether for spectrum monitoring, general receive purposes, ITU applications or signal detection, require wideband performance, high sensitivity in their frequency range and a compact form factor. Our range includes active and passive antennas.



COUNTER-UAS

We have a significant number of antennas which can be used for counter-UAS solutions. The products include linear and circular polarised antennas with various options for sensing, high power transmit and direction-finding applications. The products are designed for use in mobile, base station, and man-portable applications.

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COUNTER-RCIED

Alaris Antennas has partnered with leading manufacturers of Counter-RCIED jamming equipment to provide suitable antennas in manpack and vehicle-mounted configurations.

Radio frequency jammers provide the best defence against radio-triggered IEDs. Because of the extremely broad range of frequencies that are used to trigger RCIEDs, an effective wideband antenna system is essential to ensure the best possible protection.

MASTS

We manufacture a range of telescopic and sectional masts, for use in applications where elevation is required in either fixed base station or rapid deployment roles.

Available in various lengths and heavyweight options, Alaris masts are manufactured from high-strength composite materials, lightweight, rugged, easily transported and deployed.



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