



Defend the Skies with Unmatched Precision

In an era where drones pose increasing risks, Counter-UAS (Unmanned Aircraft Systems) solutions are vital for ensuring security and safety of assets and troops. Our cutting-edge technology delivers a comprehensive suite of antennas to create advanced detection, location and jamming systems. Designed for precision and reliability, our antennas and antenna sub-systems empower military, police and civilian operations to tackle evolving threats effectively. With decades of expertise in the field, Alaris Antennas has been a trusted leader, driving innovation and delivering proven solutions for a safer tomorrow.



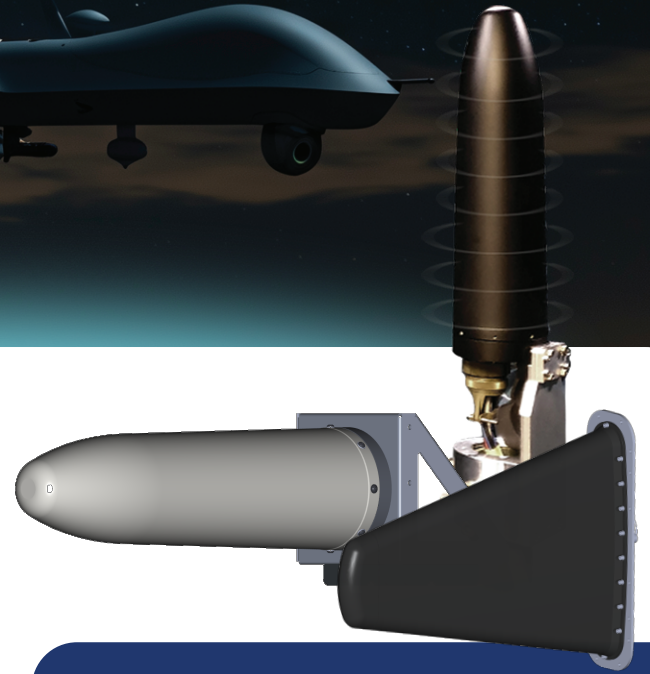
Built for harsh environments

Built for the toughest electrical and mechanical environments. From the blazing heat of deserts to freezing conditions of the Arctic, our antennas are designed to withstand extreme conditions.



With a wide range of designs, our antennas can be deployed on-the-move, on-the-halt, on vehicles, masts, aircrafts, ships and submarines.

Visit antennas.alaris.tech



What this mean for YOUR MISSION

- Detection**
 Identify and monitor unauthorised drones in real-time, providing early warning and situational awareness for critical infrastructure and sensitive areas.
- Signal Disruption & Mitigation**
 Interrupt hostile UAV communication and control signals, preventing unauthorised access to restricted
- Border & Perimeter Security**
 Safeguard borders, military installations, and high-value sites from aerial intrusion with continuous monitoring and rapid threat identification capabilities.

Scan for more info



Form Factor						
Product code	LPDA-A0141	LPDA-A0160	DF-A0257	DF-A0303	DF-A0250	HELI-A0105
Frequency range	400 - 6000 MHz	2000 - 6000 MHz	20 - 6000 MHz	20 - 8000 MHz	400 - 6000 MHz	2400 - 2500 MHz 5100 - 6000 MHz
Gain (typical)	8 dBi	> 9.5 dBi	20 dBi	20 dBi	N/A	> 12 dBi
Power	Feed power: 150W @ 6GHz	Feed power: 100W @ 6 GHz	Supply: 6 - 18 V DC Consumption: < 3W	Supply: 6 - 18 V DC Consumption: < 3W	N/A	125 W CW
Installation	Fixed & mast-mount	Fixed & mast-mount	Low SWaP man-pack	Low SWaP man-pack	Transportable	Fixed & mast-mount
Dimensions (width x length)	500 mm x 770 mm (incl. bracket)	94mm x 345mm	101mm x 480mm	101mm x 480mm	2100mm 770mm (diameter)	44mm x 386 mm (136mm with mounting flare)
Mass (kg)	5.1 kg (incl. bracket)	Antenna: < 0.7 kg Bracket: <0.45 kg	1.2 kg (incl. bracket)	1.2 kg (incl. bracket)	30 kg	30 kg
Operating Temp.	-30°C to +65° (no icing)	-30°C to +65° (no icing)	-30 °C to +70 °C	-30 °C to +70 °C	-30 °C to +70 °C	Storage: -41 °C to +71 °C Operation: -31 °C to +55 °C
Connector	N-type female	N-type female	MIL-DTL-38999 multi-pin	MIL-DTL-38999 multi-pin	16 x TNC female	2 x N-type female
More info						