



NEXT GENERATION DIRECTED INFRARED COUNTER MEASURE SYSTEM

One of the greatest threats to airborne platforms is that posed by Infrared Man Portable Air Defence Systems (IR MANPADS). These readily available missiles are inexpensive, highly portable and have been used lethally during the last 40 years in both military conflicts and by terrorist organisations.

MANPADS have become increasingly resistant to standard countermeasure such as decoy flares and, as such, the most effective defence from MANPADS is to directly attack them with a high power, multi-band, laser DIRCM system. Modern MANPADS can engage low signature threats from any aspect, meaning that DIRCM systems must now provide all-aspect protection.

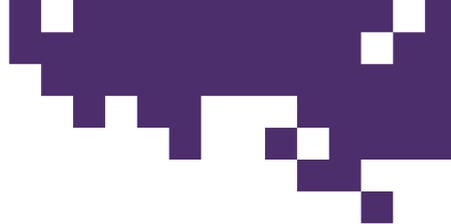
To counter this threat, the company, as a global leader in the development, manufacture and support of airborne laser and electro-optic systems, has developed the Miysis DIRCM System which provides high power, all-aspect protection against modern and legacy threats.

Miysis DIRCM builds upon the experience gained in delivering over 2000 pointer/trackers for the protection of over 50 rotary and fixed wing platform types.

From the outset, Miysis DIRCM has been designed to be readily-exportable and is suitable for use on a wide range of air platforms, from small helicopters to large, widebodied transport aircraft.

The Miysis DIRCM System has market-leading size, weight and power characteristics with no compromise of its proven self-protection jamming capability. The design utilises the latest open architecture concepts, which allow it to be installed on an aircraft as a stand-alone DIRCM or integrated as part of a Defensive Aids System.

MIYSIS DIRCM



PRINCIPAL FEATURES	CAPABILITY BENEFITS
Small, lightweight and low power demand	Ideal for any platform – single solution for helicopters and fixed wing aircraft
Readily-exportable, Multi-band IRCM	Dependable, persistent and proven protection from modern IR-guided missiles
All-aspect coverage and exceptional response speed	Ability to defeat multiple/advanced threats including very short range missile firings
Open architecture and fully compatible with any DIRCM- capable UV or IR Missile Approach Warners	Flexible aircraft installation options, either as stand-alone operation or as part of a Defensive Aids System
Laser directly coupled and alignment free	Optimal laser energy against threats
Highly reliable and low-maintenance	Low through life cost and support requirements

INTEGRATED LASER POINTER TRACKER

- Weight - 16kg
- Dimensions (W x L x H) - 183mm x 270mm x 341mm
- Power Consumption
 - Typical 190W
 - Maximum 535W.

