Active Air Defense System

APPLICATION

• DIRCM: Directional Infrared Counter Measures, detecting & jamming missile systems on commercial airplanes and military aircrafts.

• These solutions are used for protecting aircraft against heat seeking ground to air missiles. These systems integrate advanced laser technology together with a high rate thermal camera and a small, highly dynamic mirror turret to provide effective protection to all types of aircraft and under all operational conditions.

REQUIREMENTS

• Operation in extreme shocks, vibrations, temperature span and electric shocks.

• External payload on the aircrafts body or wings require lightweight, robust, extreme noise immunenity and low profile for minimal weight & drag.

POSITION SENSOR

• Most popular DS & DF line of Netzer absolute position Electric Encoder™.

• Compact, low profile, lightweight & wide bore: Allowing high level integration for a small size system design.

• Frameless & contactless with a negligible rotor weight: Introducing no extra weight & inertia (load) to the system.

• Wide & extreme working temperature and vibration span.

• Extreme EMI / RFI sustainability.

PRODUCT FEATURES

- HIGH PRECISION
- LOW PROFILE
- RESISTANCE TO MAGNETIC FIELDS
- DURABILITY
- HOLLOW SHAFT