

# CATS-R

## Airborne Radar Warning Receiver

### Compact design for fixed and rotary-wing aircraft



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## Airborne radar warning receiver

Military aircraft are important assets that need both protecting, when operating in airspace contested by sophisticated weapon systems, as well as situation awareness.

CATS-R airborne radar warning receiver capability is housed in a compact package, designed to be installed on a wide range of fixed and rotary-wing aircraft. It provides real-time situation awareness of surrounding radar emitters, which are part of systems that pose a potential threat to an aircraft's survivability. When integrated with counter-measures capability, it provides a high-level of protection to the aircraft.

Over 700 equipment are in operation today providing protection to aircraft in over 10 countries.

### EASY INTEGRATION AND INSTALLATION

CATS-R is ready to be integrated with Thales DAS controller or a wide range of other market leading DAS controllers or airborne Mission Systems, through the use of standard interfaces

Small size, lightweight and low power requirements mean small aircraft can, for the first time, be equipped with a high performing, combined radar warning receiver and RESM capability



### MAIN FEATURES

- › Instantaneous wideband radar warning with 100% Probability of Interception
- › Real-time threat identification
- › Supplied with a Threat Library Management Software Suite for full sovereign capability
- › Built-in Data Recording with Flight Analysis Software
- › Shareable intelligence using communications capability, for remote analysis / remote awareness / multi-platform cooperation
- › NDAS interface
- › Low through-life costs

### TECHNICAL CHARACTERISTICS

- › Frequency range E-K band
- › Optional low-band extended coverage
- › Coverage 360° Azimuth +/- 45° Elevation
- › < 10° direction of arrival accuracy
- › 5,000 Threat Library Capacity
- › Processing Unit Size: 194 x 157 x 318 mm
- › Compatible with ARINC 600 - MCU Size: 5
- › Weight < 10 kg
- › Power < 125W @ 28V DC
- › MTBF > 1,000 hours



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