RADAR WARNING RECEIVER

Argus
Radar Warning Receiver

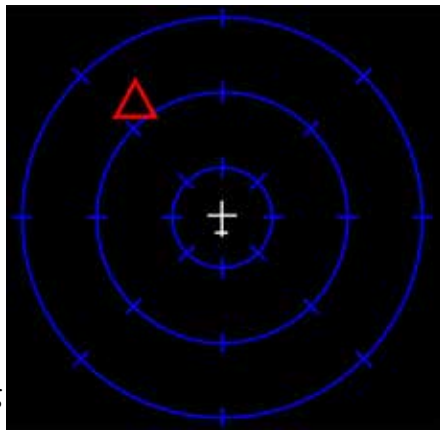PROCESSOR ASSEMBLY   LINE AMPLIFIER / FILTER ASSEMBLY   ANTENNA

The ARGUS Radar Warning System is a highly affordable digital threat detection system designed for a variety of platforms and applications. Sensing integration allows the user to incorporate ARGUS into many different types of existing mission systems, or as a stand-alone system on its own. The standard system provides 4-6 channels in 8GHz-11GHz or 2GHz to 18GHz. This solution provides calibration methods to utilize existing antennas in the F-5, F-16, C-130, and other platforms. Expansion of the platform allows for increasing channels in increments of 4-6 per processor assembly.

Integration

Connectivity via Ethernet provides for a highly flexible integration path. UDP or TCP/IP functionality built into ARGUS allows for coordination or multiple different computing systems. ARGUS can also integrate with a stand-alone display and custom interface tailored to user requirements.

Design

Argus provides a full POSIX Linux system with C++ and C# applications. COTS component integration, open architecture design, and Duotech's industry-proven track record of obsolescence mitigation and life cycle support ensure that ARGUS is a capable, cost-effective threat warning option for defense operators worldwide.

TECHNICAL SPECIFICATION

4 or 6 Channels

2-18 GHz or 8-11 GHz

Ethernet Connectivity

Configurable Processive Bandwidth

Full-Featured Integration Tools

High Probability of Detection for Ultra Wide Band Threats

DIMENSIONS

Processor Assembly:	Length 7.25" x Width 4.75" x Height 6"
	W/ Handle: Length 9"
Line Amplifier:	Length 6.25" x Width 3.5" x Height 1.5"
	Length includes plug
Antenna:	Length 2.5" x Diameter 2.5"