

UV Solar-Blind Missile Warning



High Performance UV Solar-Blind Sensors

APPLICATIONS

- ❖ For helicopter, fixed-wing aircraft and land vehicles
- ❖ Wide range threat detection
- ❖ Counter-measure triggering
- ❖ Multi-threat handling

FEATURES

- ❖ Custom design
- ❖ Field-proven performance
- ❖ Lowest false alarm rate
- ❖ Variable depth of integration
- ❖ Low weight
- ❖ No cooling required
- ❖ Low computing power
- ❖ World leading performance data
- ❖ Cost effective

DESCRIPTION

The solar blind image intensifiers from ProxiVision offer the probably highest in-band sensitivity combined with best suppression rate in the VIS spectrum worldwide.

This world-leading performance allows for reliable and safe threat warning with minimal response time even at long distance.

Our products are successfully in operation on helicopters, fixed-wing aircraft and on land vehicles.

Missile warning systems with Proxitronic detectors are already implemented in AN/AAR60 and similar systems.

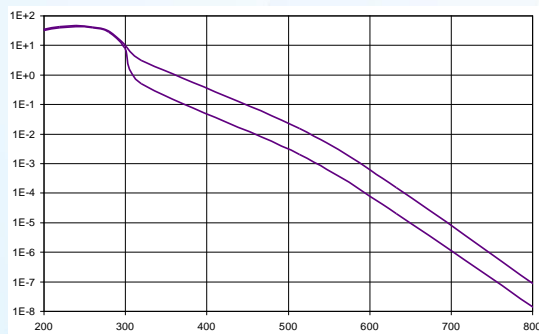
Unrivalled Quantum Efficiency

Peak DQE sensitivity up to 30%

Extensive Off-band suppression



Spectral Sensitivity S (mA/W)



Wavelength λ [nm]

KEY FEATURES

- High angular accuracy
- Full spherical coverage
- Fits in Pylon or A/C body
- High MTBF
- Applicable for self-protection systems in helicopters, fixed-wing aircrafts, land vehicles

REFERENCES*

More than 4000 installed sensors on NH-90 TTH, TIGER, SH-60 KJ, H-47, A129, AB205, AB212, AB412, SH3D, UH1, AH1, AS532, Mi-17, CN235, A340, C-130 and others, contracted for F-16

* Source: EADS