



# VISION SYSTEM

NSN: 6625-01-498-4616



**PART NO**  
**HVS-126A**

Hoffman Engineering is the recognized leader in the design and manufacture of Night Vision Device test and maintenance equipment. The HVS-126A is a computerized system to evaluate night vision monocular and binocular systems for image resolution and quality. It will quite simply transform the evaluation process to give fast and accurate results time after time, which until now has been a slow and laborious task for NVD maintenance personnel.

The HVS-126A uses a high-resolution video camera and lensing to capture live images generated by the Hoffman ANV-126A\* test set through a night vision goggle/device. The images are analysed by the proprietary software running on a Microsoft Surface Tablet.

There is no requirement for the maintenance personnel to be dark adapted. The process may be carried out under normal lighting conditions. Test results are automatically calculated, displayed for Resolution at both high and low light settings, and Spot Defects (Blemishes). This is all achieved in a fraction of the time it would take to carry out this task manually, giving fast, accurate, consistent results. The HVS-126A significantly improves productivity and most of all, night vision user safety.

Key Functions	
NVD Focus	Accurately achieve optimum diopter & infinity focus
Resolution	High and Low Light Resolution
Collimation	Accurately adjust system collimation
Diopter	Accurately adjust system diopter
Spot Defects (Blemishes)	Locate and size blemishes, emission points and image defects
Results	Display a summary of test results, and print test reports with captured images
Compatibility	Compatible with both White and Green phosphors

**\*The HVS-126A requires the ANV-126A Test Set**

Export of this product is subject to Export Administration Regulations (EAR), Title 15, CFR 730-774