



HOFFMAN

VISION SYSTEM



PART NO
HVS-126A

REVOLUTIONIZING NVG MAINTENANCE

WITH HOFFMAN ENGINEERING'S ANV-126A TEST SET

Eliminate subjectivity when evaluating Night Vision Goggles with computerized precision.

The HVS-126A is a computerized system to evaluate NVG/NVD image quality. It will quite simply transform the evaluation process to give fast and accurate results time after time, which until now has been a subjective task for NVG maintenance personnel.

The HVS-126A uses a high resolution video camera to capture live images generated by the Hoffman ANV-126A test set through a NVG/NVD. The images are analyzed by the

proprietary software running on a Microsoft Surface Pro 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 and a Pass/Fail is displayed for minimum resolution at high/low light settings and image quality defects.

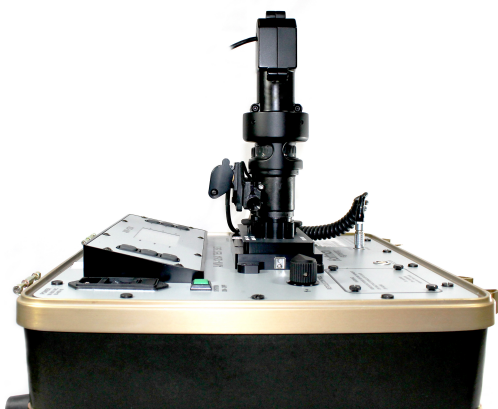


Custom HVS-126A software assists the user to set accurate focus of both NVG diopter and infinity focus prior to testing



Designed to evaluate performance of NVG/NVD in conjunction with the Hoffman ANV-126A test set





Construction

Housing	ABS
Finish	Black
Weight	1.05 lbs
Camera System	Proprietary

KEY FUNCTION

System Configuration	User input for test device serial numbers/model numbers
NVD Focus	Accurately achieve optimal diopter & infinity focus
Resolution	Calculates smallest visible resolution at both high and low light levels (1.500mFL / 0.003mFL)
Automated Honeycomb Detection	Yes
Spot Defects (Blemishes Emission Points)	Locate and size of image defects in three zonal areas
Results	Display and print test results

SYSTEM BENEFITS

Eliminates Subjectivity	Yes
Significantly increases efficiency/productivity	Yes
Dark Room Required for Use	No
Intuitive User Interface	Yes
Provides Fast and Accurate Analysis	Yes

CERTIFICATION

Yearly Certification	Yes
ITAR	Yes

Additional System Benefits

- Designed to evaluate performance of night vision goggles/devices in conjunction with the Hoffman ANV-126A test set.
- Computerizes a manual task
- Increases **safety** for the NVG operator
- Significantly reduces training time for maintenance personnel
- Removes requirements for maintenance personnel to be dark adapted
- Reliable results time after time

HVS-126A Hoffman Vision System Includes:

- HVS-126A Camera
- AN/AVS-6 / AN/AVS-9 Diopter Adapter*
- Microsoft Surface Pro Tablet (Pre-Loaded with HVS-126A Software)
- Carrying case

*Note: Adapters for other goggle types are available

Export of this product is regulated by U.S. State Department, ITAR, Title 22, CFR 120-130

203.425.8900

sales@hoffmanengineering.com

hoffmanengineering.com