

NVTS DVE AN/VAS-5B(V)3

Driver Vision Enhancer (DVE) for Track and Tactical Wheeled Vehicles

The NVTS AN/VAS-5B(V)3 provides enhanced situational awareness in adverse weather, nighttime, and in battlefield operations. Its compact flexible design makes it a drop-in replacement for legacy DVE AN/VAS-5B systems with optional mounting kits. Drivers and crew are provided with enhanced high-resolution thermal vision of surroundings, allowing better vehicle mobility and increased safety.

This DVE is a complete turn-key Driver Vision System designed for installation on a variety of tactical wheeled armored vehicles and tanks.

NVTS AN/VAS-5B (V)3 DVE systems and components have been designed in accordance with the U.S. Army ICD and MIL-PRF in regard to performance, mechanical and electrical requirements

Features:

- **Advanced UFPA Sensor Technology**
High Resolution 640 x 480 UFPA Ultra Crisp Thermal Image
- **Versatile, Flexible Design**
Drop-in replacement kits for, HIMARS, M270 MLRS and Stryker variants
- **Ruggedized Display and Control Monitor DCM**
Simple control of thermal polarity, gain, brightness and camera selection



Applications:

- Local Situational Awareness
- Driver Vision
- Threat Detection

Options:

- Sensor Options
- A-kits



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Product Specifications

IR Detector:	640 x 480 LWIR	Gain:	Manual via DCM Control
HFOV:	50° (optional FOVs available)	Focus:	Athermalized, Focus-Free, 5m to Infinity
Frame Rate:	60hz	Weight:	< 7kg (15.4 lb) typical for camera
Spectral Band:	7.5µm-13.5µm	Power Supply:	12-40 VDC nominal, MIL-STD-1275
IR Image Polarity:	Manual White Hot/Black Hot Polarity Control via DCM Switch	Operating Temp:	-20° C to +50° C (-4° F to 122° F)
		Power Consumption:	@ -40° C < 100 W with integrated heater @ +60° C < 100 W with integrated cooler



DCM



This product is subject to export control laws and regulations of the United States government and fall under the control jurisdiction of either ITAR or EAR regulations.



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