

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

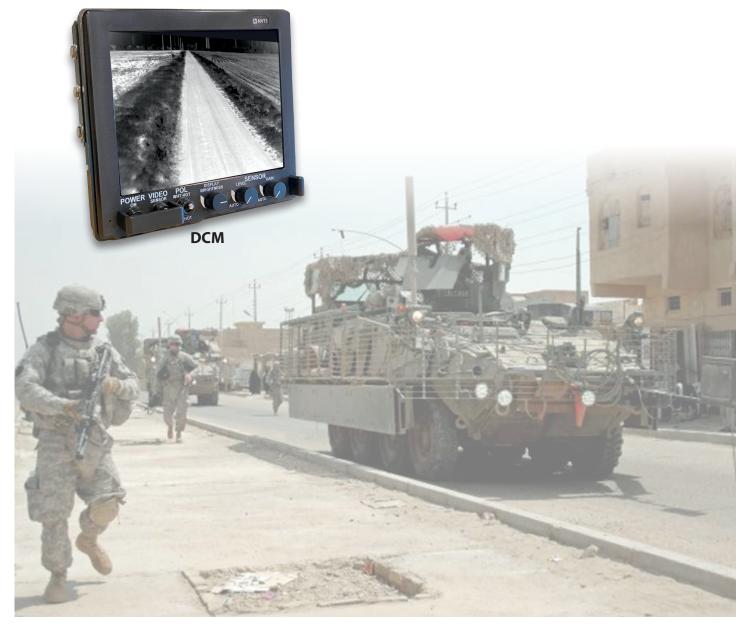


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Product Specifications

IR Detector:	640 x 480 LWIR
HFOV:	50° (optional FOVs available)
Frame Rate:	60hz
Spectral Band:	7.5μm-13.5μm
IR Image Polarity:	Manual White Hot/Black Hot Polarity Control via DCM Switch

Gain:	Manual via DCM Control
Focus:	Athermalized, Focus-Free, 5m to Infinity
Weight:	< 7kg (15.4 lb) typical for camera
Power Supply:	12-40 VDC nominal, MIL-STD-1275
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



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.



