

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

Driver's Vision Enhancer (DVE) for Combat Vehicles

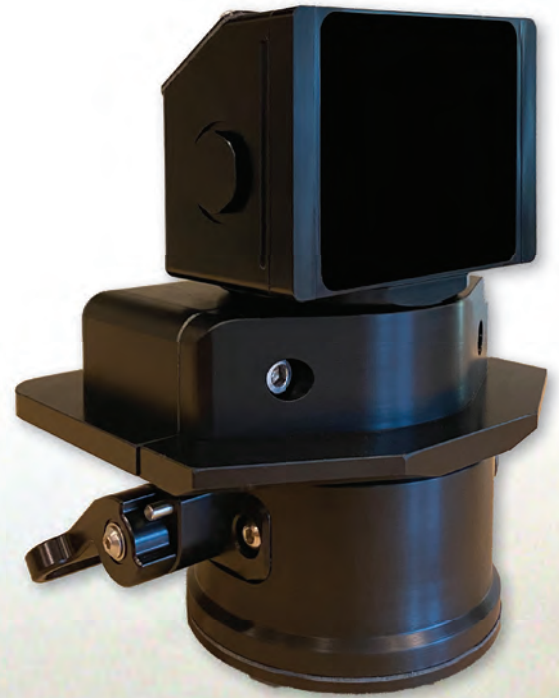
The NVTS DVE AN/VAS-5B(V)5 provides enhanced situational awareness in adverse weather, nighttime, and in battlefield operations. Its compact, flexible design makes it a drop-in replacement for legacy DVE AN/VAS-5 systems with optional mounting kits.

Drivers and crew are provided with enhanced high-resolution thermal vision of surroundings, allowing better vehicle mobility and increased safety.

The Sensor Module's controls are manually accessed from within the vehicle's cockpit from the system's Display Control Module (DCM-1). The AN/VAS-5B(V)5 is a complete turn-key Driver's Vision Enhance system designed for installation on a variety of combat vehicles.

Basic Features:

- **Advanced UFPA Sensor Technology**
High Resolution 640 x 512 UFPA Ultra Crisp Thermal Image
- **Modular Design**
Easy upgrade of sensors and displays
- **Versatile, Flexible Design**
Drop-in replacement kits for existing M88 A1/A2 Recovery Vehicle, M113, and Stryker versions
- **Ruggedized Display and Control Monitor DCM-1**
Simple control of thermal polarity, gain, brightness and camera selection. Design is compliant with government issued performance specifications, and provides backward compatibility with legacy DVE system configurations (cables, sensors and adjustable angle folding mounting bracket)



Vehicles:

- M113 Armored Personnel Carrier
- M60A1 AVLB - Armored Vehicle-Launched Bridge
- M88A2 TRV - Recovery Vehicle Full Tracked
- LAV-25A2 - Light Armored Vehicle
- AAVR7A1 - Assault Amphibious Vehicle - Recovery



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Product Specifications

IR Detector:	640 x 512 LWIR	Focus:	Athermalized, Focus-Free, 5m to Infinity
HFOV:	Standard 50° (FOV options available)	Weight:	< 6kg (13 lbs) typical for camera
Frame Rate:	60hz	Power Supply:	12-40 VDC nominal, MIL-STD-1275
Spectral Band:	7.5µm-13.5µm	Operating Temp:	-40° C to +70° C
IR Image Polarity:	Manual White Hot/Black Hot Polarity Control via DCM Switch	Power Consumption:	< 100 W
Gain:	Manual via DCM Control	Environmental:	Per AN/VAS-5B V(5) MIL-PRF



DCM-1 & CV Sensor Module



Patriot DVE2 & DCM-1
in carry case



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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