

# NVTS DVE 3 Wide

## *High Resolution Thermal Driver Vision System*

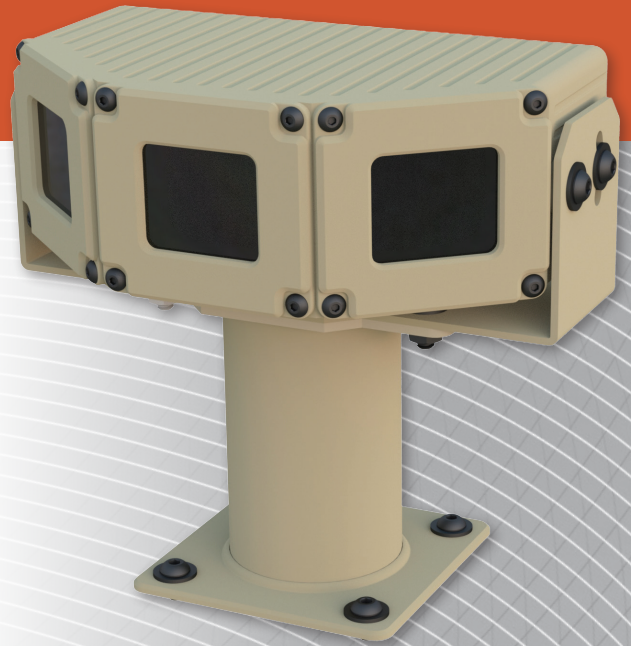
NVTS DVE 3 Wide provides enhanced situational awareness for armored, track-wheeled, and combat vehicles. It enables driver visibility during day, night, fog, rain and smoke. The NVTS DVE 3 Wide incorporates 3 high resolution 640 x 480 LWIR thermal detectors stitched together to provide the operator a large panoramic 125° HFOV, advanced digital image stabilization, and scene tracking.

### **FEATURES:**

- Video Presentation Options: Switched, Side by Side, Dual-View Panoramic
- Fast 60hz Video Frame Rate
- High Resolution Ultra Crisp 640 x 480 Thermal Resolution
- NVTS 3 Wide View Enables Driver to See Both Sides of the Road
- Visibility in Dust, Haze, Fog, Smoke and at Night
- Digital Image Stabilization

### **APPLICATIONS:**

- Armored Vehicles
- Light Reconnaissance Vehicles
- Track Wheeled Vehicles



## THERMAL CAMERA

Detector:	Uncooled Vox Microbolometer
Resolution:	640 x 480
Spectral Range:	8-14 $\mu\text{m}$
FOV:	Combined 117° HFOV
Focus:	Athermalized, Focus-Free, 5m to Infinity
Frame Rate:	60 hz

## DISPLAY DCM

Resolution:	800 x 600 SXVGA TFT
Gain:	Manual, Auto
Brightness:	800 Nits Sunlight Readable
Viewing Angle:	160° H x 160° V

## POWER SUPPLY

Regulated Voltage:	28VDC (MIL 1275)
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## ENVIRONMENT

Operating Temperature:	-40° C to + 70° C
Storage Temperature:	-45° C to + 85° C
Encapsulation:	IP 67

## PHYSICAL

Dimensions:	8.5 W x 5.3 H x 4.1 D (inches) 21.6 W x 13.5 H x 10.4 D (cm)
Weight:	3.85 Kg (8.49 lb.)



DVE 3 WIDE - DCM



The product described in this brochure is subject to US export regulations and may require a license prior to export.



**Night Vision Technology Solutions, Inc.**

113 Ocean State Dr., Unit D / North Kingstown, RI 02852 U.S.A.

T. 401-560-0807 / [www.nvtsglobal.com](http://www.nvtsglobal.com) / SDVOSB

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