

NVTS DVE Multi

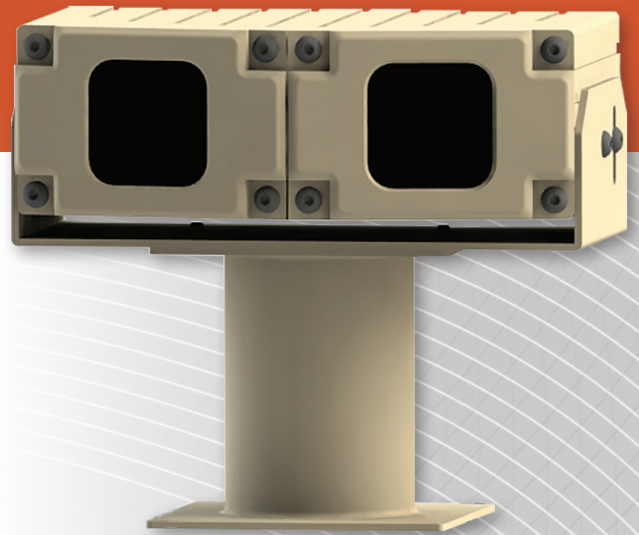
Multi-Spectral Thermal & Visible Driver Vision System

NVTS DVE Multi is the first multi-spectral DVE with combination full color, low-light visible and high resolution thermal imaging. NVTS DVE Multi provides enhanced situational awareness for armored, track-wheeled, and combat vehicles. It enables enhanced visibility in day, night, fog, rain and smoke. NVTS DVE Multi incorporates one high resolution 640 x 480 LWIR thermal detector and one advanced low-light color visible camera that enhances sensitivity to near infrared (NIR) wavelengths and therefore provides greater low light performance.



Ruggedized - DCM

Simple control of thermal polarity, gain, brightness and camera selection.



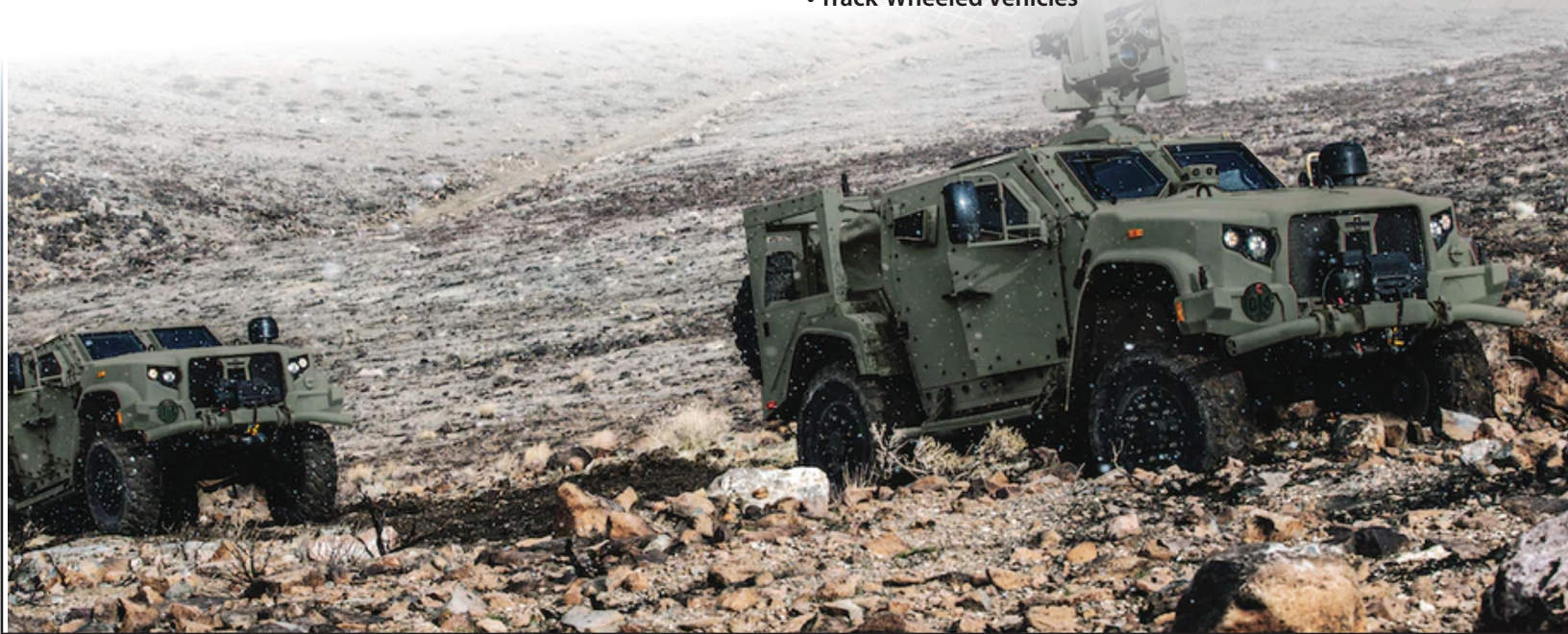
color options available

FEATURES:

- High Resolution Thermal and HD Visible Panoramic View
- Fast 60hz Video Frame Rate
- High Resolution Ultra Crisp 640 x 480 Thermal Resolution
- Driver's View with DCM Monitor
- Enables Driver to See Both Sides of the Road and at Distance
- In-theatre Visibility in Dust, Haze, Fog, Smoke and at Night
- Drop-in Replacement Kits for Existing Vehicles
- Simple Control of Polarity, Gain, Brightness and Sensor Selection
- **Designed to Military Environmental Test Criteria**
- Mil-Spec Connectors
- Tough Metal Housing for Durability in Harsh Environments
- Mounting Hardware and Cables Included

APPLICATIONS:

- Armored Vehicles
- Light Reconnaissance Vehicles
- Track-Wheeled Vehicles



THERMAL CAMERA:

Detector	Uncooled LWIR
Resolution	640 x 480
Spectral Range	8-14 μm
Lens:	50° HFOV (optional lens sizes & FOVs available)
Focus:	Athermalized, Focus-Free 5m to Infinity
Frame Rate:	60 hz

EXTREME LOW-LIGHT IMAGING CAMERA:

High-Sensitivity Minimum Color Illumination:	0.002 lux @30fps and F1.28
Sensor:	1.2MP CCD Color
HFOV:	32-60 Degree Options
Shutter Speed:	1/100,000 to 1/60 Seconds

DISPLAY DCM:

Resolution:	XGA TFT (1024 x 768)
Control:	Gain, Brightness, Polarity, Camera, Sensitivity
Brightness:	800 Nits Sunlight Readable
Viewing Angle:	160° H x 160° V

POWER SUPPLY:

Regulated Voltage	28 VDC (MIL 1275)
-------------------	-------------------

ENVIRONMENT:

Operating Temperature	-40° C to + 70° C
Storage Temperature	-45° C to + 85° C
Encapsulation	IP 67
Weight	2.86 Kg (6.3 lb.)



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 / SDVOSB

© 2024 NVTS Global. All rights reserved. Features and specifications are subject to change without notice.

