

Alert DVE MULTI-S

Multi-Sensor Periscope Driver Vision

The NVTS DVE Multi-S provides enhanced situational awareness in adverse weather, nighttime, and in battlefield operations. Its compact flexible design makes it a drop-in replacement for legacy day periscope and night vision systems. Drivers and crew are provided with enhanced high-resolution visible and thermal images of surroundings, allowing better vehicle mobility and increased safety.

All camera controls are easily accessed from the systems Display Control Module. The fully integrated system includes a hard case.

The NVTS Multi-S is a complete periscope Driver Vision Enhancer designed for installation on U.S. Allied T-72, T-64, BMP1, CVRT, and other tank variants.

BASIC FEATURES:

- **Advanced UFPA Sensor Technology**
High Resolution 640 x 512 UFPA Ultra Crisp Thermal Image and Low Light HD Visible Camera. (Optional Rear Camera).
- **Rapid Installation**
No hull modification or installation necessary. Uses existing vehicle day periscope mounting for rapid install and removal.
- **Versatile, Flexible Design Variants**
For existing Allied T-72, T-64, BMP-1, CVRT and other main battle tanks.
- **Ruggedized HD Display Control Monitor**
Simple display controls of thermal polarity, gain, brightness, and HD visible camera selection.



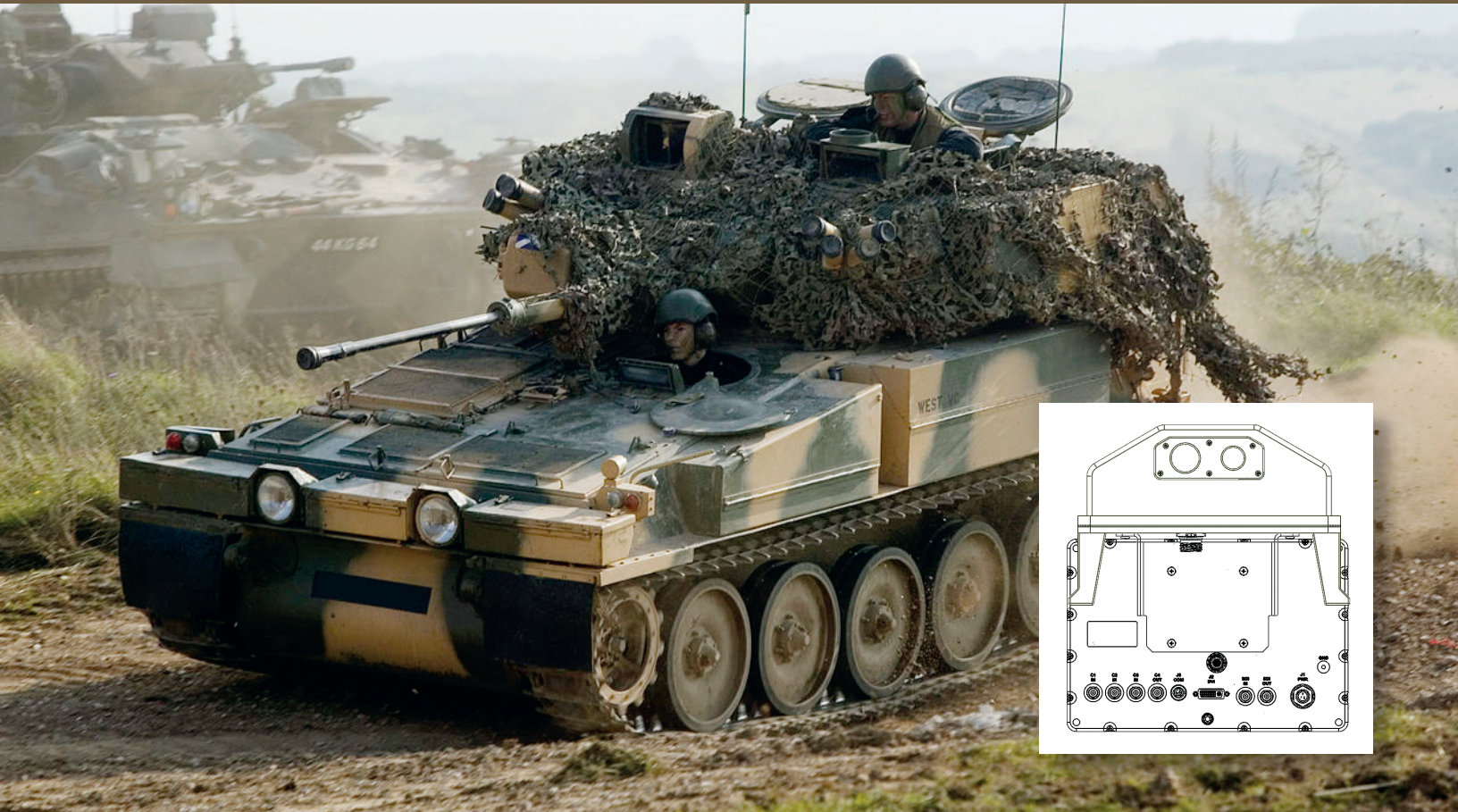
Front



Back



ALERT DVE MULTI-S *Product Specifications*



IR Detector:	640 x 512 LWIR
HFOV Options:	50°, 90°
Frame Rate:	60hz
Spectral Band:	7.5µm-13.5µm
Pixel Pitch:	12µm, 10µm
IR Image Polarity:	Manual White Hot/Black Hot, Color Polarity Control via DCM Switch
Gain:	Manual via DCM Control
Focus:	Athermalized, Focus-Free, 5m to Infinity
HD Visible:	Ultra Low Light Performance
Color:	0.005 LUX, B/W 0.0001 LUX Full HD 2MP 1920 x 1080
HFOV:	55° Standard (Optional 95°)

Power Supply:	12-40 VDC Nominal, MIL-STD-1275
Operating Temp:	-40° C to +70° C (-40° F to 158° F)
Power Consumption:	< 100 W
Design Standards:	MIL-STD-461 EMI MIL-STD-810 Environmental MIL-STD-1275 Vehicle Power IP67 Enclosure Submersible
Dimensions:	(H x W x D)*: 12.5 x 11.5 x 5.5 in 317 x 292 x 140 mm * CVRT version
Weight:	15 lb / 7.7 kg
Display:	Full HD 1920x1080 LCD 10 in diagonal
LED Backlight:	(1000:1 Dimming Ratio)
System Housing Material:	Milled Aluminum Black Hard Coat Anodized

..... 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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