

DRIVER'S VISION ENHANCER ULTRALITE (DVE UL)



SEE FIRST, UNDERSTAND FIRST, ACT FIRST, AND FINISH DECISIVELY WITH THE DVE ULTRALITE

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Leonardo DRS' DVE UltraLite is a powerful thermal camera that lets operators see clearly in visually degraded environmental conditions. The DVE UL is the perfect tool for providing combat support and service vehicle operators with increased driver's vision capability, survivability, and mobility during day, night, and in adverse weather conditions such as dust, smoke, and haze. Featuring an industry-leading **640 x 480, 17 µm uncooled thermal detector**, the DVE UL outputs a 40° x 30° field of view providing the driver with increased awareness and safer operation while driving on cliff edges and hills when facing forward.

Weighing less than 1.25 lbs, DRS' DVE UL **requires less than 5 watts of power** making it ideal for missions that have minimum weight and power requirements. In addition, the small size of the DVE UL increases product versatility; it can easily be mounted on multiple locations and on various combat vehicles.

- Day/night, 24-hour capability
- Versatile mounting
- Can be used with DRS' DVE Wide and DVE UltraWide



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FOCAL PLANE ARRAY

COMPONENT	DESCRIPTION
Detector Type	Uncooled VOx Microbolometer
Array Size	640 x 480
Detector Pitch	17 μ m
Spectral Response	8 - 14 μ m

VIDEO

Frame Rate	30 Hz
Communication Interface (DVE Display Control Module Discretes)	RS-232 / USB 2.0
Video Interface	RS-170

PHYSICAL

Dimensions (W x H x L)	2.78 x 2.52 x 3.76 inches (without mounting hardware)
Weight	< 1.25 lbs. (without mounting hardware)

ELECTRICAL

Voltage	MIL-STD 1275D, 24V
Power	<5.0 W

ENVIRONMENTAL

Operating Temperature	-37.0° C to 49.0° C plus solar load
Storage Temperature	-46° C to +71° C



DVE UltraLite mounted on a vehicle

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