

# DRIVER'S VISION ENHANCER DISPLAY CONTROL MODULE (DCM)



The DRS Driver's Vision Enhancer (DVE) Display Control Module (DCM) is a 10.4-inch liquid-crystal display (LCD), with 800 x 600 pixel resolution, offers the best in class rugged display technology for mission-critical situations.

Lightweight and vehicle mounted, the DVE DCM provides situational awareness in a compact form factor with operation during night, low light, daylight conditions. User controls and input/output ports deliver an optimal solution

for users requiring reliable and durable video display capability. The DVE DCM display offers flicker-free, constant real-time imagery.

A world leader in high-performance display technology, DRS products withstand harsh and demanding environments. DRS proven and reliable 10.4-inch DVE DCM offers digital technology you can count on.

## DISPLAY

Display	10.4-inch SVGA
Pixel resolution	800 x 600 pixels
Horizontal viewing angle	± 85°
Video input	RS-232
Contrast ratio	500:1 typically
Frame rate	30 ± 1 frames per second
Input power	MIL-STD-1275, 16-33 VDC
Power consumption	45W normal operation, 80W during cold temperature warm-up
Dimensions	10.5 L x 9.0 H x 4.2 D inches
Weight	8.25 lbs

## ENVIRONMENTAL

Operating temperature	-37°C to 49°C
Storage temperature	-46°C to 71°C
Temperature shock	From 71°C to -46°C and from -46°C to 71°C after 2 hours
Altitude (operating)	From sea level to 15,000 feet
Altitude (storage)	From sea level to 40,000 feet
Solar radiation	1,120 watts/m <sup>2</sup> of not less than 4 hours in each 24 hour cycle
Humidity	Operate up to 88% humidity
Salt fog	5±1 percent solution at a fog rate of 0.5 to 3.0 ml / 80 cm <sup>2</sup> per hour
Salt fog duration	48 hours followed by a 48 hour drying period
Leakage	Submersible to 1 meter for up to 10 minutes
Functional shock	40 G for 11 ms
Weapon firing shock	100 G for 1 ms