

DVE06

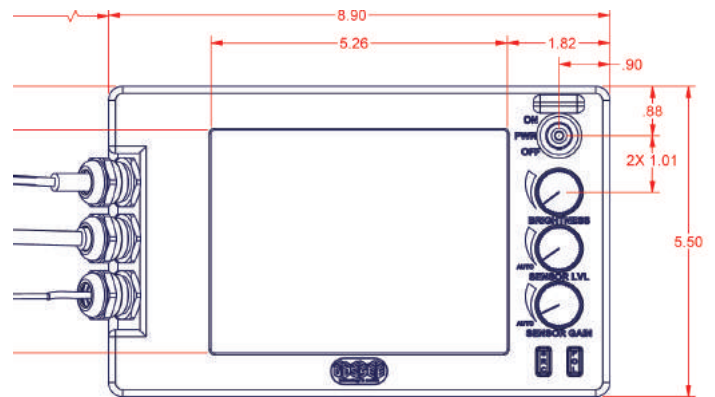
DRIVER'S VISION ENHANCER MONITOR with VGA, COMPOSITE VIDEO INPUTS

The DVE06 Display Control Module (DCM) is a functionally backwards-compatible replacement for the widely fielded 10.4" version by maintaining the DVE specified Sensor Module controls such as Level, Gain, and Polarity. With an added VGA input, XGA LCD resolution, and a compact footprint, the 6.5" DCM gives next generation vision systems even more capabilities. When installed with a DVE Sensor Module, this display system is the optimum solution for mission-critical performance in degraded visibility conditions (fog, sand, dust or smoke).



STANDARD FEATURES NEEDS CONFIRMED

- Composite Sensor Video Input (1); Compliant to ICD A3325865
- Composite Video Auxiliary Input (1)
- Composite Video Outputs (2)
- Auto Sensing NTSC, PAL Formats
- VGA Input
- Digital Interface Input, RS422 (1)
- XGA Resolution (1024x768)
- MIL-C Connectors*
- LED Backlight (3000:1 Dimming Ratio)
- Anti-Reflective and Anti-Glare Treatments
- Enhanced Sunlight Readability
- 6.5" TFT AMLCD



* Cables Not Included



TECHNICAL SPECIFICATIONS			
Display	6.5" TFT AMLCD (Thin-Film Transistor Active-Matrix Liquid-Crystal Display), XGA (1024x768), 16,777,216 Colors		
Luminance	650 nits		
Contrast Ratio	500:1		
Dimming Ratio	3000:1		
Viewing Angle	160° (H) x 140° (V)		
Video Inputs/Outputs	VGA IN, Composite Video IN (2); Auto Sensing NTSC and PAL-BGHID Formats; Composite Video OUT (2)		
Connectors*	MIL-C Connectors (A1J1-2; 4, 5) BNC (A1J3, J6)		
Housing	Milled AL, Black Hard Anodized (confirmed)		
Wide Range DC Power Input†	10-36 VDC (12, 24, 28 VDC nominal)		
Power Conditioning	Protected against Internal Short Circuit, Load Dump, Over Voltage and Reverse Polarity		
Power Consumption	30 Watts Maximum		
ENVIRONMENTAL SPECIFICATIONS			
IP Rating	IP67 (NEMA 6 Submersible)		
Operating Temperature	-40°C to 71°C (-40°F to 160°F)		
Storage Temperature	-51°C to 71°C (-60°F to 160°F)		
Humidity	0-100%		
Altitude	45,000 ft.		
MILITARY SPECIFICATIONS			
MIL-STD-461	EMI	MIL-STD-810	Method 511; Explosive Atmosphere
MIL-STD-810	Method 500; Altitude	MIL-STD-810	Method 512; Immersion
MIL-STD-810	Method 501; I & II; High Temperature	MIL-STD-810	Method 513; Acceleration
MIL-STD-810	Method 502; I & II; Low Temperature	MIL-STD-810	Method 514; Procedure I, II, V, VI; General Vibration
MIL-STD-810	Method 503; Temperature Shock	MIL-STD-810	Method 516; Procedure I, Functional Shock
MIL-STD-810	Method 505; Solar Radiation	MIL-STD-810	Method 520; Temp, Humidity, Vibe and Altitude
MIL-STD-810	Method 506; Rain	MIL-STD-810	Method 523; Vibro-Acoustic/Temp
MIL-STD-810	Method 507; Humidity	MIL-STD-1275	Vehicle Power Requirements
MIL-STD-810	Method 508; Fungus	MIL-STD-1472	Thermal Contact Hazard
MIL-STD-810	Method 509; Salt/Fog	MIL-A-8625	Standard Finish, Type III, Class 1 & 2
MIL-STD-810	Method 510; Blowing Sand and Dust	MIL-DTL-26482	(and 38999) Connector, Qualified

* - Cables Not Included.

† - Power range specified covers momentary environmental fluctuations generally found in a mobile environment while display is operating. For power initialization and continual operation, nominal voltages are required.

ON-GOING PRODUCT DEVELOPMENT MAY NECESSITATE DESIGN AND SPECIFICATION CHANGES WITHOUT NOTICE.

