

# DEV10-DUALVIEW

DRIVER'S VISION ENHANCER - PBP & PIP



The DEV10-DUALVIEW displays dual video feeds simultaneously, offers advanced image processing technologies like Picture-In-Picture (PiP) and Picture-By-Picture (PbP). The DEV10-DUALVIEW gives drivers, commanders and crew members tactical advantages in mission-critical operations.

## STANDARD FEATURES:

- (2) RS-170 Input
- (1) RS422 Serial Data Interface
- (1) RS-170 Output
- Picture-By-Picture (PBP)
- Picture-In-Picture (PIP)
- SVGA Resolution (800x600)
- MIL-C Connectors\*
- LED Backlight (3000:1 Dimming Ratio)
- Anti-Reflective and Anti-Glare Treatments
- Enhanced Sunlight Readability
- 10.4" TFT AM LCD
- Mounts in Standard A-Kits

## OPTIONAL FEATURES:

- NVIS MIL-STD-3009 Red/Green Compatible



\* - Please note cables not included.



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## Technical Specifications

<b>Display</b>	10.4" TFT AM LCD, SVGA (800x600), 16,777,216 Colors
<b>Nits</b>	800 nits
<b>Contrast Ratio</b>	900:1
<b>Dimming Ratio</b>	3000:1
<b>Viewing Angle</b>	160° (H) x 160° (V)
<b>Video Inputs</b>	(2) RS-170
<b>Video Output</b>	(1) RS-170
<b>Connectors*</b>	* MIL-C Connectors (A1J1, A1J2, A1J4, A1J5) * BNC (A1J3, A1J6)
<b>Housing</b>	Milled AL, Black Hard Anodized
<b>Mounting</b>	Standard A-kit; backwards compatible with legacy DVE installations
<b>Wide Range DC Power Input†</b>	10-36 VDC (12,24,28 VDC nominal)
<b>Power Conditioning</b>	Protected against Internal Short Circuit, Load Dump, Over Voltage and Reverse Polarity
<b>Power Consumption</b>	30 Watts Maximum

## Environmental Specifications

<b>IP Rating</b>	IP67 (NEMA 6 Submersible)
<b>Operating Temperature</b>	-40°C to 70°C (-40°F to 158°F)
<b>Storage Temperature</b>	-50°C to 80°C (-58°F to 176°F)
<b>Humidity</b>	0-100%
<b>Altitude</b>	45,000 ft.

## Military Specifications

<b>MIL-STD-461</b>	EMI
<b>MIL-STD-810</b>	Method 501.4 II-Op; High Temperature
<b>MIL-STD-810</b>	Method 502.4 II-Op; Low Temperature
<b>MIL-STD-810</b>	Method 514.5; Procedure I, General Vibration
<b>MIL-STD-810</b>	Method 516.5; Procedure I, Functional Shock
<b>MIL-STD-3009</b>	NVIS Compatibility (Optional)
<b>MIL-PRF-22885</b>	Sunlight Readability for Push Buttons
<b>MIL-STD-1275D</b>	Vehicle Power Requirements
<b>MIL-A-8625 Type III (Class 1 &amp; 2)</b>	Standard Finish
<b>MIL-PRF-22750F</b>	Optional Painted Finish - Min. Qty Required
<b>MIL-DTL-26482</b>	Connector (Qualified)
<b>MIL-DTL-38999</b>	Connector (Qualified)

- Please note cables not included.

- The 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.

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