

## THE 17" AMLCD MULTIPURPOSE PIP DISPLAY

This Brimar 28V display is capable of displaying video only or video plus text and or graphics for a wide range of applications. Up to 4 video inputs can be displayed simultaneously on this Picture-In-Picture (PIP) display.

The modular design enables the display to be configured for the optimum performance in the vehicle of choice.

## APPLICATIONS CAN INCLUDE:

- Remote Control Weapon Station (RCWS)
- Commander's Panel
- Local Situational Awareness (LSAS)
- Health and Usage Monitoring (HUMS)

## TECHNOLOGY

The display can integrate with other vehicle systems via serial links including RS-232, RS-422, CANbus and milCAN B.

Brimar can customise the display software for user applications and the displays can be field re-programmed.

Brimar have other AMLCD sizes should this not be the optimum size for the intended application.

This display can offer either text and graphic capability and/or multiple video and PC options.

## TECHNICAL SPECIFICATION

### OPTICAL CHARACTERISTICS

Viewing Area:	17.0" Diagonal
Resolution:	1280 x 1024 SXGA
Viewing Angles:	Horizontal $\pm 70^\circ$ Vertical $\pm 70^\circ$ Up
Brightness/Luminance up to:	200cd/m <sup>2</sup>

### ENVIRONMENT

Operating Temperature:	-20°C to +65°C
Storage Temperature:	-51°C to +85°C

Designed for Low Pressure, Air Transportation, sealed Driving Rain and Dust/Sand, Chemical & Biological Protection, Fungal Growth, Corrosion Salt, Fluid Contamination, Humidity, Shock, Vibration, Electromagnetic Radiation, EMC, Nuclear, Boot Kick and Drop Test.

<b>MTBF:</b>	15,000hrs
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### PHYSICAL CHARACTERISTICS

Height:	387 mm
Width:	431 mm
Depth:	85 mm

### INTERFACE & VIDEO OPTIONS

Host Controls RS-232, RS-422, Canbus and option for milCAN B.

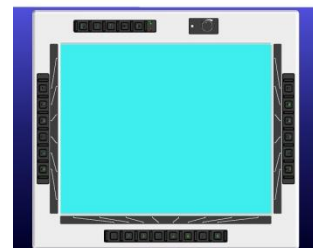
Input Power 50W at steady state and 10W at Standby. Max 200W with heaters.

Input Power Supply 28V raw vehicle supply.

Membrane Keys - 20EL backlight keys.

Video enabled for up to 4 composite (PAL/NTSC) or up to 2 YC (PAL/NTSC) or combination of both plus separate input RGBHv for PC input and video out

**FOR MORE  
INFORMATION  
ON THE BRIMAR  
17" AMLCD  
MULTIPURPOSE  
DISPLAY**



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