

## 8.4" AMLCD RECORDING DISPLAY

The Brimar 8.4" recorder display takes Brimar's field-proven rugged AMLCD technology and adds to it the ability to record high quality video to a removable USB memory stick.

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

## APPLICATIONS INCLUDE:

- Remote Control Weapon Station (RCWS)
- Drivers Vision Enhancer (DVE)
- Local Situational Awareness (LSAS)

## TECHNOLOGY

### Display

- 800x600 SVGA display with dual video picture-in-picture processing
- Low latency video display suitable for driving or weapons station use
- Programmable text & graphics overlays

### Recorder

- Write real-time AVI format video to high speed USB 2.0 memory stick
- Secure video encryption option available
- Approximate maximum record times:
  - 1hr/Gb at standard quality (2Mbit/sec)
  - 15mins/Gb at maximum quality (8Mbit/sec)
  - Option for continuous loop recording
- Fast forward and fast reverse seek
- Freeze frame function
- Sealed USB-2 memory stick connector
- Recording derived from LCD data, including all screen messages & icons
- Two independent audio channels recorded with video

## TECHNICAL SPECIFICATION

### OPTICAL CHARACTERISTICS

Screen Size:	8.4" Diagonal
Native Resolution:	SVGA 800x600
Viewing Angles:	Horizontal $\pm 70^\circ$ Vertical up $70^\circ$ down $50^\circ$
Brightness/Luminance up to:	350 cd/m <sup>2</sup>

### ENVIRONMENT

Operating Temperature:	-40°C to +71°C
Storage Temperature:	-46°C to +85°C

EMC compatible. Designed for Low Pressure operation and Air Transportation. Sealed against Driving Rain and Dust/Sand. Protected against Nuclear, Chemical & Biological agents and Fungal Growth. Resistant to Salt Corrosion, Fluid Contamination, Humidity, Shock, and Vibration. Boot Kick and Drop proof.

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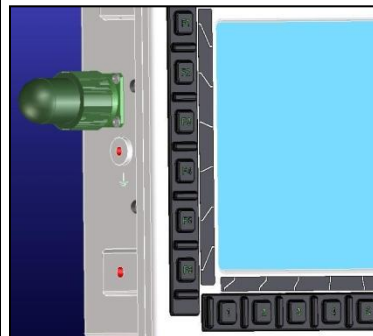
### PHYSICAL CHARACTERISTICS

Height:	218 mm
Width:	264 mm
Depth:	80 mm

### INTERFACE & VIDEO OPTIONS

Host Controls RS-232, RS-422, CANbus and option for milCAN B.  
 Input Power 30W at steady state and 1.5W in standby. Max 60W with heaters on.  
 Input Power Supply 28V raw vehicle supply (DEF-STAN 61-5).  
 Membrane Keys - 25 LED backlit keys standard.  
 Video enabled for up to 4 composite (PAL/NTSC) or up to 2 YC (PAL/NTSC)  
 Separate input RGBHV for PC (VGA/SVGA).

**FOR MORE  
INFORMATION  
ON THE BRIMAR  
8.4" AMLCD  
RECORDING  
DISPLAY**



### CONTACT US

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