

10.4" HEAD MOUNT MILITARY MONITOR

29LM103D31MP-M

DATASHEET

HIGH QUALITY, RUGGED MILITARY DISPLAY

The 29LM103D31MP-M Series of LCD monitors has been designed for industrial applications that require a compact VGA compatible monitor with good viewability. It is constructed from painted Aluminium, making it lightweight with good rigidity.

The 29LM103D31MP-M Series incorporates rugged chassis construction for shock and vibration. With wide viewing angles and deep dimming capabilities, this series of monitors is ideal for the more demanding of applications. The 31MP-M series has been designed to comply with military standards for shock & vibration and EMC.

SOLUTIONS FOR THE MILITARY ENVIRONMENT

- > Rugged Design for Vehicle Mounting
- > Non-glare Glass Protection Screen, AR Coated
- > High Brightness & Wide Viewing Angles
- > Deep Dimming Capability
- > VESA Standard Rear Fixing



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Electrical Description		Mechanical Description	
TFT Characteristics:		Dimensions:	Monitor: 258 x 199.5 x 70mm (approx) Weight: 3.0kg
Type:	AM Colour TFT		
Max Resolution:	640 x 480 pixels	Housing	Aluminium
Active Display Area:	132.48 x 99.36 mm		
Brightness:	400cd/m2 typical		
Contrast Ratio:	600:1 typical	Environment	
		Operating Temp:	-10°C to +55°C
Viewing Angles (at CR>10):	160 ° / 160 °	Storage Temp:	-20°C to 60°C
No. Colours:	16 million	Sealing:	IP65min
Sync:	Analog RGB 0.7-1.0V p-p		
Connector:	Power: 851-02R123P50 Signal: 8STO-12G35SN		
Synchronisation Range:			
Horizontal scan:	15kHz (PAL) -63.81kHz	Shock:	Mil-STD-810F
Vertical scan:	56 - 60Hz	Vibration:	Mil-STD-810F
		EMC:	MIL-STD – 461E
Display Modes:	640 x 480 VGA + pre-programmed timings in 15-30kHz range		
Controls:	Front panel		
Power Supply:	15 - 30V DC		
Power Consumption:	60W (Max)	Part Numbers:	
		Model number:	29LM103D31MP-M
		AC Touchscreen (resistive):	29LM103DR31MP-M

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