

High Quality, Rugged Military Display

The 29LM233A31MP-M Series of LCD monitors has been designed for industrial applications that require a compact XGA compatible monitor with good viewability. It is constructed from painted Aluminium, making it lightweight with good rigidity.

The 29LM233A31MP-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.

Features

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

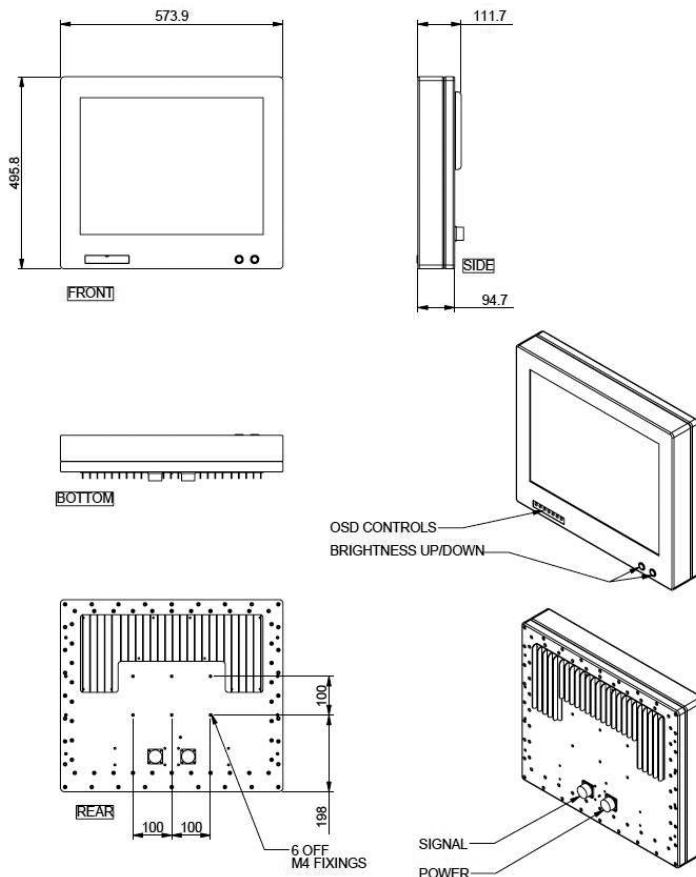
23.1" Head Mount Military Monitor 29LM233A31MP-M



Specifications: see next page

Specifications		
TFT Characteristics	Type	AM Colour TFT
	Max. Resolution	1600 x 1200 pixels
	Active Display Area	432 x 324 mm
	Brightness	280 cd/m ² typical
	Contrast Ratio	800:1 typical
	Response Time	15ms average, typical
	Viewing angles (at CR>10)	178° / 178°
	Nr. of colours	16.7 million
Synchronisation Range	Horizontal scan	15kHz (PAL) -91kHz
	Vertical scan	56 - 85Hz
Connector	Power: 851-02R123P50 Signal: 8STO-12G35SN	
Display Modes	640 x 480 VGA, 800 x 600 SVGA, 1024 x 768 XGA, 1280 x 1024 SXGA, 1600 x 1200 UXGA (recommended mode)	
Controls	Front and Rear Panel	
Power supply / consumption	90 - 260V AC 50/60Hz / 85W (Max)	
Environmental	Operating Temp	-10 to +55 °C
	Storage Temp	-20 to +60 °C
	Operating Humidity	30% to 90% (non condensing)
	Storage Humidity	10% to 90% (non condensing)
Approvals	Shock	Mil-STD-810F
	Vibration	Mil-STD-810F
	EMC	Mil-STD-461E
Dimensions	Monitor Weight	573.9 x 495.8 x 11.7mm (approx) TBD
	Housing	Aluminium
Sealing	IP65 min	
Part numbers		
Model	29LM233A31MP--M	
DC monitor	29LM233D31MP-M	
AC Touchscreen (resistive)	29LM233AR31MP-M	
DC Touchscreen (resistive)	29LM233DR31MP-M	

Specifications are subject to change without notice.



• Monitors

- Desktop Monitors
- Large screen Monitors
- Custom-made Monitors
- 19" Rack Mount Monitors
- Rear Mount Monitors
- Monitors for Panel Mount
- Monitors for VESA Mount
- Kiosks
- Accessories

• Monitors – Specific applications

- Stainless Steel Monitors
- Car Displays
- Marine Monitors
- Military Monitors
- Replacement Monitors
- Train Monitors

• Panel PC's

- High Performance Systems
- Custom made Panel PC's
- Low Power Systems
- Extreme environments

• Pointing devices

- Accessories
- Touchpads
- Trackballs
- Trackball Modules
- Joysticks
- Custom made Pointing Devices

• Keyboards

- Desktop Keyboards with or without pointer
- Built-in Keyboards with or without pointer
- Cables & Connectors
- Custom made Keyboards



Mulder-Hardenberg, est. 1927, is the answer to professional demands in the domain of electronic related environments. We don't just sell products. We use our multidiscipline knowledge to provide the best possible solution, designed to your specific interest.

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