

**High Quality, Rugged Military Display**

The 29LM203A31MP-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 29LM203A31MP-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

**20.1" Head Mount  
Military Monitor  
29LM203A31MP-M**

Specifications: see next page

Specifications		
TFT Characteristics	Type Max. Resolution Active Display Area Brightness Contrast Ratio Response Time Viewing angles (at CR>10) Nr. of colours	AM Colour TFT 1600 x 1200 pixels 408 x 306mm 300 cd/m <sup>2</sup> typical 800:1 typical 15ms average, typical 178° / 178° 16 million
Synchronisation Range	Horizontal scan Vertical scan	15kHz (PAL) -91kHz 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 ( <i>recommended mode</i> )	
Controls	Front Panel	
Power supply / consumption	90 - 265V AC 50-60Hz / 60W (Max)	
Environmental	Operating Temp Storage Temp	-10 to +55 °C -20 to +60 °C
Approvals	Shock Vibration EMC	Mil-STD-810F Mil-STD-810F Mil-STD-461E
Dimensions	Monitor	TBD
Housing	Aluminium	
Sealing	IP65 min	
Part numbers		
Model	29LM203A31MP--M	
DC monitor	29LM203D31MP-M	
AC Touchscreen (resistive)	29LM203AR31MP-M	
DC Touchscreen (resistive)	29LM203DR31MP-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



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