

High Quality, Rugged Military Display

The 29LM1903A31MP-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 29LM1903A31MP-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

19" Head Mount Military Monitor

29LM1903A31MP-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 1280 x 1024 pixels 376 x 301mm 250 cd/m ² typical 1000:1 typical 10ms average, typical 178° / 178° 16 million
Synchronisation Range	Horizontal scan Vertical scan	15kHz (PAL) -63.81kHz 56 - 60Hz
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 (<i>recommended mode</i>)	
Controls	Front and Rear 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	453(w) x 397(h) x 76(d) mm (approx)
Housing	Aluminium	
Sealing	IP65 min	
Part numbers		
Model	29LM1903A31MP-M	
DC monitor	29LM1903D31MP-M	
AC Touchscreen (resistive)	29LM1903AR31MP-M	
DC Touchscreen (resistive)	29LM1903DR31MP-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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