

# 19" RACKMOUNT MILITARY MONITOR

## 29LR193D35MP-M

# DATASHEET

## HIGH QUALITY, RUGGED MILITARY DISPLAY

The 29LR193D35MP-M series of LCD monitors has been designed for military applications that require a compact VGA/SVGA compatible monitor with good viewability. It is constructed from painted Aluminium, making it lightweight with good rigidity.

The 29LR193D35MP-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 35MP-M series has been designed to comply with military standards for shock & vibration and EMC.

### SOLUTIONS FOR THE MILITARY ENVIRONMENT

- > Designed to comply with MIL-STD Shock, Vibration and EMC
- > Advanced Deep Dimming 2000:1
- > Contrast Enhancing AR Safety Glass
- > VGA – XGA & PAL/NTSC



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Electrical Description		Mechanical Description	
<b>TFT Characteristics:</b>		<b>Dimensions:</b>	Monitor: 453 x 397 x TBD (approx)
Type:	AM Colour TFT		
Max Resolution:	1280 x 1024 pixels	<b>Housing</b>	Aluminium
Active Display Area:	376 x 301mm		
Response Time:	10ms average, typical		
Contrast Ratio:	1000:1 typical @ CR≥10	<b>Environment</b>	
Brightness:	250cd/m <sup>2</sup> typical	<b>Operating Temp:</b>	-10°C to +50°C
Viewing Angles (at CR>10):	178 ° / 178 °	<b>Storage Temp:</b>	-20°C to 60°C
No. Colours:	16 million	<b>Sealing:</b>	IP65min
		<b>Operating Humidity:</b>	50% to 90% (non condensing)
<b>Connector:</b>	Power: 851-02R123P50 Signal: 8STO-12G35SN	<b>Storage Humidity:</b>	28% to 90% (non condensing)
<b>Synchronisation Range:</b>			
Horizontal scan:	15kHz (PAL) - 91kHz	Shock:	Mil-STD-810F
Vertical scan:	56 - 85Hz	Vibration:	Mil-STD-461E
<b>Display Modes:</b>	1280 x 1024 SXGA (recommended) 1024 x 768 XGA 800 x 600 SVGA 640 x 480 VGA		
<b>Power Supply:</b>	15-30V DC		
<b>Power Consumption:</b>	60W (Max)	<b>Part Numbers:</b>	
		Model number:	29LR193D35MP--M
		AC Monitor:	29LR193A35MP-M
		AC Touchscreen (resistive):	29LR193AR35MP-M
		DC Touchscreen (resistive):	29LR193DR35MP-M

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