

# 23.1" RACKMOUNT MILITARY MONITOR

## 29LR233A35MP-M

# DATASHEET

## HIGH QUALITY, RUGGED MILITARY DISPLAY

The 29LR233A35MP-M Series of LCD monitors has been designed for industrial applications that require a compact VGA/UXGA compatible monitor with good viewability. It is constructed from painted Aluminium, making it lightweight with good rigidity.

The 29LR233A35MP-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: 584(w) x 534(h) x 98(d) mm (approx) Weight: 16kg approx
Type:	AM Colour TFT		
Max Resolution:	1600 x 1200 pixels	<b>Housing</b>	Aluminium
Active Display Area:	432 x 324 mm		
Response Time:	15ms average, typical		
Contrast Ratio:	800:1 typical	<b>Environment</b>	
Brightness:	280cd/m <sup>2</sup> typical	<b>Operating Temp:</b>	-15°C to +55°C
Viewing Angles (at CR>10):	178 ° / 178 °	<b>Storage Temp:</b>	-20°C to 60°C
No. Colours:	16.7 million	<b>Sealing:</b>	IP65min
		<b>Operating Humidity:</b>	30% to 90% (non condensing)
<b>Connector:</b>	Power: 851-02R123P50 Signal: 8STO-12G35SN	<b>Storage Humidity:</b>	10% to 90% (non condensing)
<b>Synchronisation Range:</b>			
Horizontal scan:	15kHz (PAL) -91kHz	Shock:	Mil-STD-810F
Vertical scan:	56 - 85Hz	Vibration:	Mil-STD-810F
		EMC:	MIL-STD – 461E
<b>Display Modes:</b>	1600 x 1200 UXGA (recommended mode) 1280 x 1024 SXGA 1024 x 768 XGA 800 x 600 SVGA 640 x 480 VGA		
Controls:	Front panel		
<b>Power Supply:</b>	90 - 260V AC 50/60Hz		
<b>Power Consumption:</b>	85W (Max)	<b>Part Numbers:</b>	
		Model number:	29LR233A35MP--M
		DC Monitor:	29LR233D35MP-M
		AC Touchscreen (resistive):	29LR233AR35MP-M
		DC Touchscreen (resistive):	29LR233DR35MP-M

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