

## HIGH QUALITY, LCD MONITOR HEAD

KME has developed this display module for industrial applications where an economically priced SXGA TFT flat panel monitor is required with a bright screen and wide viewing angles. The unit is constructed from painted aluminium and incorporates triple data input including PAL/NTSC, enabling applications in security surveillance and machine vision to be addressed.

Automatic mode detection and picture scaling circuitry allow the display of resolutions lower than the 1280 x 1024 pixels native resolution.

The 29LM171A68MP/5 series is supplied with non-glare toughened glass protection screens as standard or no additional glass for those demanding SXGA applications where ultimate clarity is necessary.

### SOLUTIONS FOR MONITOR HEADS

- > **Vesa standard fixings for ergo arm**  
VESA fixings at the rear making it easy for wall mounting or use with ergo arms.
- > **Optional touch screen facility**  
A touch screen can be integrated into the monitor
- > **Inputs**  
All monitors have RCA and 15-D connectors, DVI-D
- > **Rugged metal construction with good stability**  
The LCD monitor has been designed with solidity, being housed in a compact metal construction with a toughened glass protection screen.
- > Rear mounted Controls



# 17.0" LCD HEAD MONITOR

29LM171A68MP/5

# DATASHEET

Electrical Description		Mechanical Description	
<b>TFT Characteristics:</b>	Type:	a-si TFT active matrix	<b>Input:</b> RCA, 15-D
	Max Resolution:	1280 x 1024 pixels	<b>Housing:</b> Painted aluminium
	Active Display Area:	337.9 x 270.3mm	<b>User Controls:</b> Rear mounted
	Response Time:	25ms average, typical	<b>On Screen buttons:</b> Standby, Brightness, Contrast, OSD
	Contrast Ratio:	450:1 typical	
	Brightness:	250cd/m <sup>2</sup> typical	
	Viewing Angles (at CR>10):	160° / 160°	
	Backlight Life:	50,000 hours typical	
	No. Colours:	16 Million	
	<b>Video Signal:</b>	PAL / NTSC Analog 0.7Vp-p	
<b>Signal Sync:</b>	Composite (CVBS) 1V p-p Separate H&V (+/-ve) TTL Sync-on-Green -0.3Vp-p		
<b>Synchronisation Range:</b>	Horizontal scan:	30kHz - 80kHz 15kHz (Pal / NTSC)	
	Vertical scan:	50 to 80Hz	
<b>Display modes:</b>	VESA Support:	640 x 480 VGA 800 X 600 SVGA 1024 x 768 XGA 1280 x 1024 (recommended)	
<b>Power Supply:</b>	90 - 260V AC 50/60Hz via integral power supply		
<b>Power Consumption:</b>	60W (Max)		
<b>Environmental:</b>	Storage Temp:	-20 to 65°C	<b>Part Numbers:</b> Model number: 29LM171A68MP/5
	Operating Temp:	0 to 50°C	Resistive touch screen via RS232: 29LM171AR68MP/5 (or USB option)

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trademarks acknowledged.

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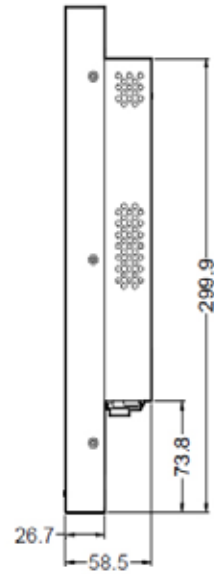
29LM171A68MP/5

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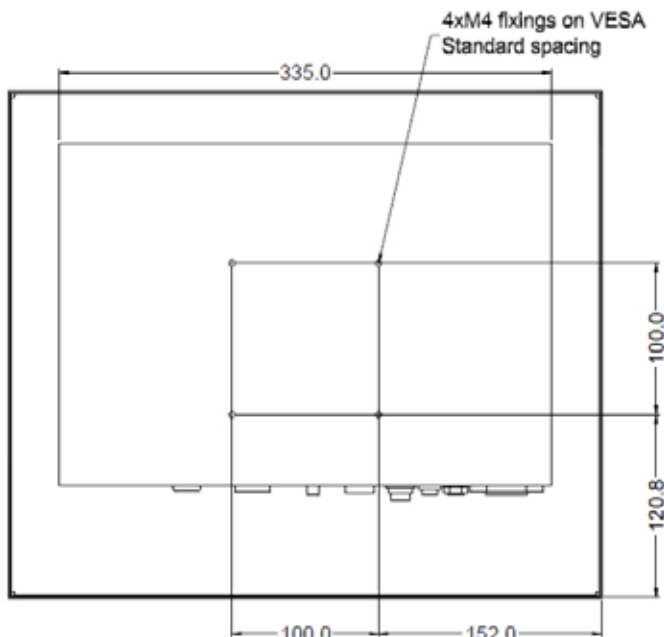
FRONT VIEW



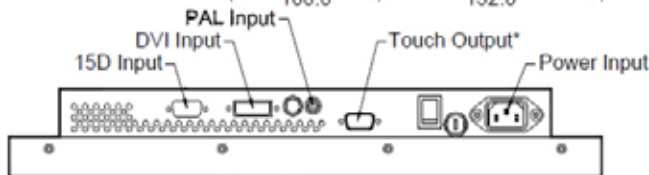
SIDE VIEW



REAR VIEW



BOTTOM VIEW



\* Where Fitted

All dimensions in millimetres  
(Not to scale)

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