

## 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 29LM171E61MP/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.



# 17.0" LCD HEAD MONITOR

29LM171E61MP/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>	Front 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>	12V DC			
<b>Power Consumption:</b>	60W (Max)			
<b>Environmental:</b>	Storage Temp:	-20 to 65°C	<b>Part Numbers:</b>	Model number: 29LM171E61MP/5
	Operating Temp:	0 to 50°C	Resistive touch screen via RS232: (or USB option)	29LM171ER61MP/5

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

KENT MODULAR ELECTRONICS LTD  
 621 Maidstone Road  
 Rochester, Kent ME1 3QJ  
 T: +44 (0)1634 830123 F: +44 (0)1634 830619  
 E: sales@kme.co.uk W: www.kme.co.uk

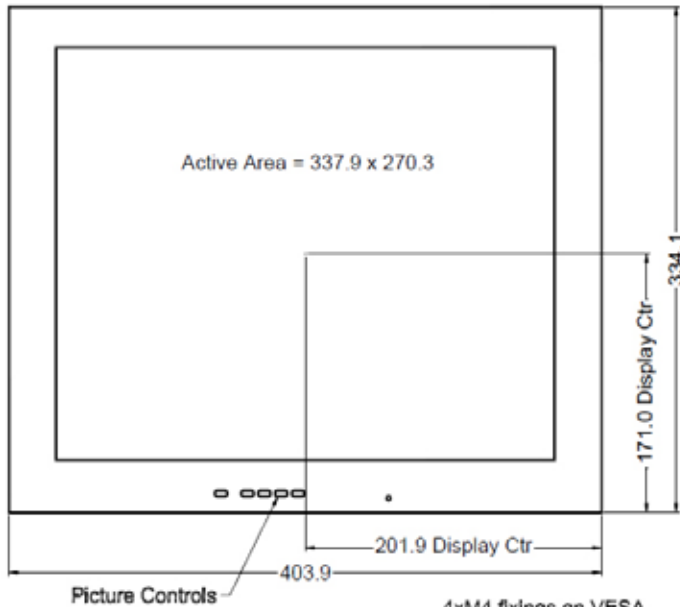


# 17.0" LCD HEAD MONITOR

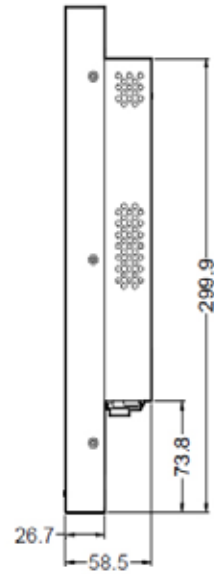
29LM171E61MP/5

# DATASHEET

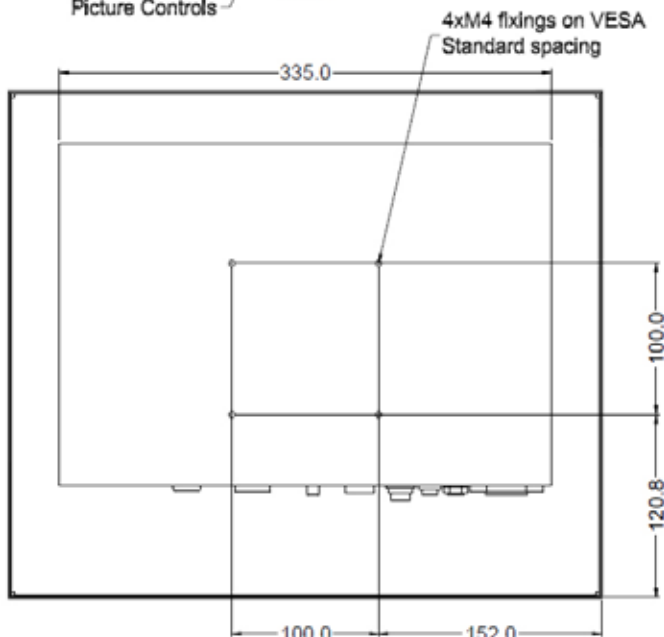
FRONT VIEW



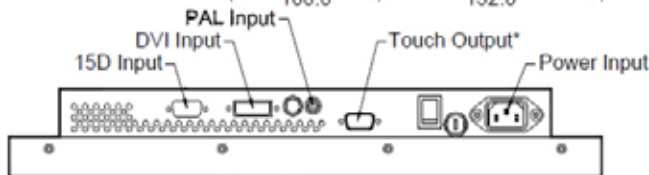
SIDE VIEW



REAR VIEW



BOTTOM VIEW



\* Where Fitted

All dimensions in millimetres  
(Not to scale)

KENT MODULAR ELECTRONICS LTD  
621 Maidstone Road  
Rochester, Kent ME1 3QJ  
T: +44 (0)1634 830123 F: +44 (0)1634 830619  
E: sales@kme.co.uk W: www.kme.co.uk

