

## HIGH QUALITY, LCD MONITOR HEAD

KME has developed this 19.0" LCD monitor, to address the growing demand for a lower cost metal-cased monitor that is capable of displaying high quality VGA to SXGA data signals.

The 29LM1901A61M/2 series has a DSUB-15 connector for input of VESA standard Analog RGB signals with Separate Syncs., Composite Sync. or Sync-on-Green. It also has a DVI-D input for digital PC signals.

The construction (and dimensions) are the same as KME's other families of 19.0" TFT monitors and are form, fit and function compatible with the older 18.1" generation. The 90-265Vac power supply is mounted inside the monitor head.

### 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 15-D connectors and 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.



# 19.0" LCD HEAD MONITOR

29LM1901A61M/2

# DATASHEET

Electrical Description		Mechanical Description	
<b>TFT Characteristics:</b>	Type:	a-si TFT active matrix	<b>Input:</b>
	Max Resolution:	1280 x 1024 pixels	<b>Housing</b>
	Active Display Area:	376 x 301 mm	<b>User Controls:</b>
	Response Time:	20ms average, typical	<b>On Screen buttons</b>
	Contrast Ratio:	1000:1 typical	
	Brightness:	250cd/m <sup>2</sup> typical	
	Viewing Angles (at CR>10):	178 ° / 178 °	
	Backlight Life:	50,000 hours typical	
	No. Colours:	16.7 Million	
	<b>Video Signal:</b>	Analog 0.7Vp-p DVI-D	
<b>Signal Sync:</b>	Separate H&V (+/-ve) TTL		
<b>Synchronisation Range:</b>	Horizontal scan: 30-80kHz Vertical scan: 48-80Hz		
<b>Display modes:</b>	VESA Support: 640 x 480 VGA 800 X 600 SVGA 1024 x 768 XGA 1280 x 1024 SXGA (recommended)		
<b>Power Supply:</b>	90 - 260V AC 50/60Hz		
<b>Power Consumption:</b>	60W (Max)		
<b>Environmental:</b>	Storage Temp: -20 to 65°C Operating Temp: 0 to 45°C		
			<b>Part Numbers:</b>
			Desktop Model:
			Resistive touch screen via RS232: (or USB option)
			29LM1901A61M/2
			29LM1901AR61M/2

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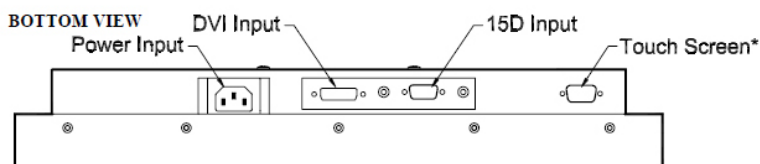
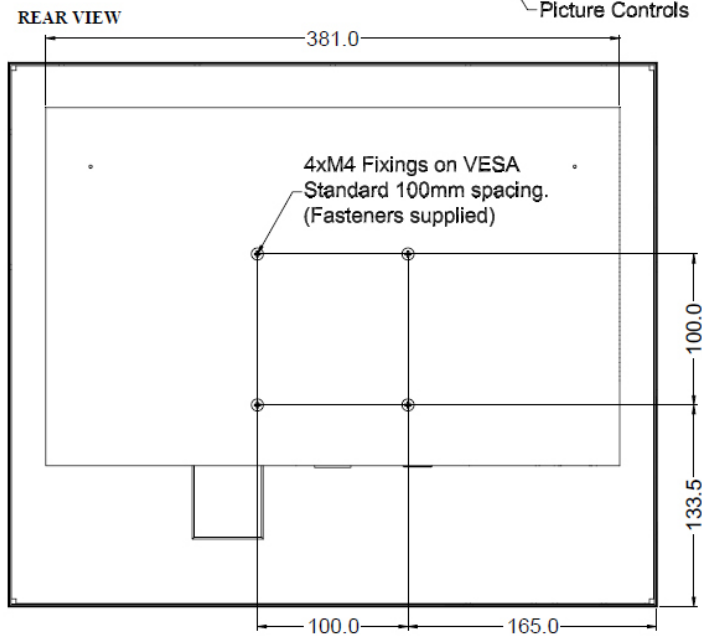
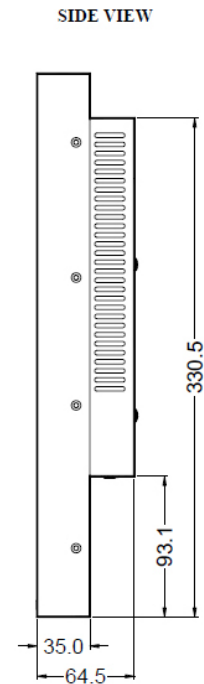
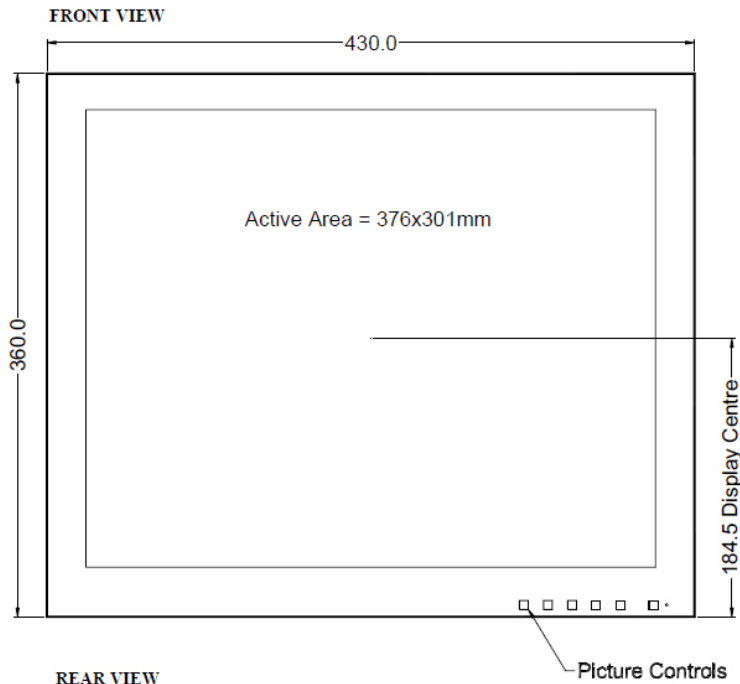
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All dimensions in millimetres  
(Not to scale)

Where Fitted\*

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