

# 52" WIDESCREEEN LCD MONITOR HEAD 29LM523A31MP

DATASHEET

## WIDESCREEEN XGA MULTISCAN MONITOR

The 29LM523A31MP Series of 52" LCD monitors has been designed primarily for public information applications. They utilise WSXGA TFT panels with KME designed mechanical enhancements to give superior image performance and ruggedness.

Also available in sizes 32", 40", 46" and 57" the high brightness and wide viewing angles enable superior image performance with rugged construction.

Full user controls are provided on the monitor head with the AC power supply integrated. The monitor is suitable for use with 16:9, 4:3 and 5:4 aspect ratio video; its multiple video inputs make it usable in a range of applications with simple interfacing to most video and data systems.

### HIGH QUALITY WIDESCREEEN DISPLAYS

- > **Designed for purpose**  
The 52" widescreen LCD monitor has been specifically designed for Public Information applications.
- > **Widescreen XGA multiscan**  
The module has a widescreen (16.9) format which accepts resolutions up to WSXGA.
- > **Construction**  
Rugged metal construction with safety faceplate, suitable for sheltered external usage.



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Electrical Description		Mechanical Description	
<b>TFT Characteristics:</b>		<b>Dimensions:</b>	Monitor: 1261 x 759 x 155 mm Weight: 80kg
Type:	a-si Colour TFT/SPVA	<b>Input:</b>	HD-15 D-Sub / BNC
Max Resolution:	1920 x 1080 pixels		
Active Display Area:	1152.0x 648.0 mm	<b>User Controls:</b>	Rear Mounted
Response Time:	11ms	<b>Housing</b>	Painted aluminium
*Contrast Ratio:	1700:1 typical		
*Brightness:	600cd/m <sup>2</sup> typical		
Viewing Angles (at CR>10):	175 ° / 175 °		
Backlight Life:	50,000 hours typical		
No. Colours:	16.7 million		
<b>Synchronisation Range:</b>	Horizontal scan: 30 to 70kHz Vertical scan: 50 to 85Hz		
<b>Display modes:</b>	VESA Support: 640 x 480 800 x 600 1024 x 768 1280 x 1024 1360 x 768 1366 x 768 1920x1080 (recommended)		
<b>Power Supply:</b>	90-260V AC 50-60 Hz		
<b>Power Consumption:</b>	420W Max	<b>Part Numbers:</b>	
<b>Environmental:</b>	Operating Temp: 0 to 50 °C Storage Temp: -20 to +60 °C	Monitor:	29LM523A31MP

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

\* Brightness and contrast refer to naked LCD panel.

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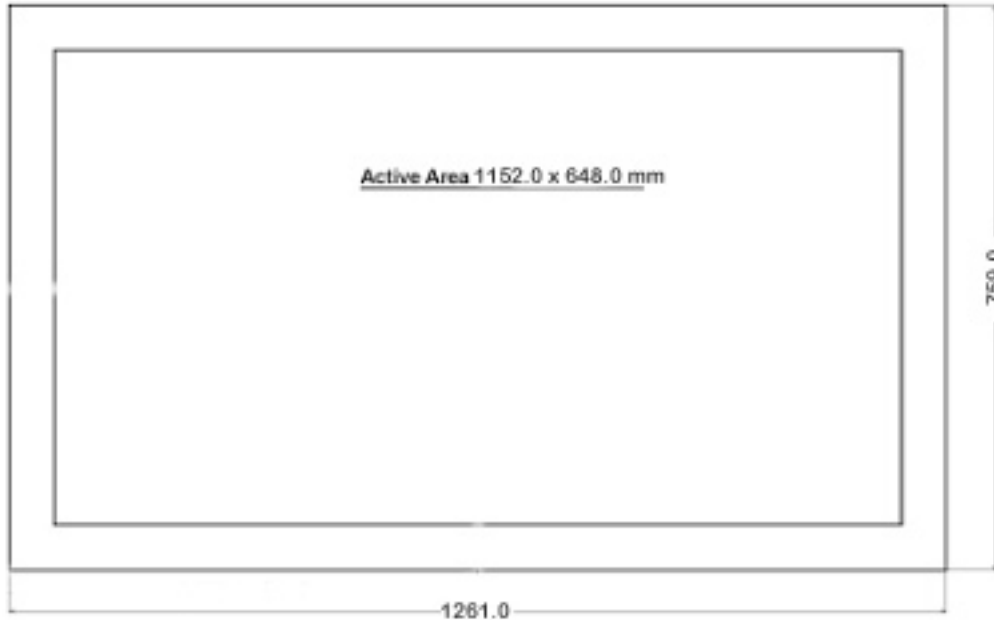


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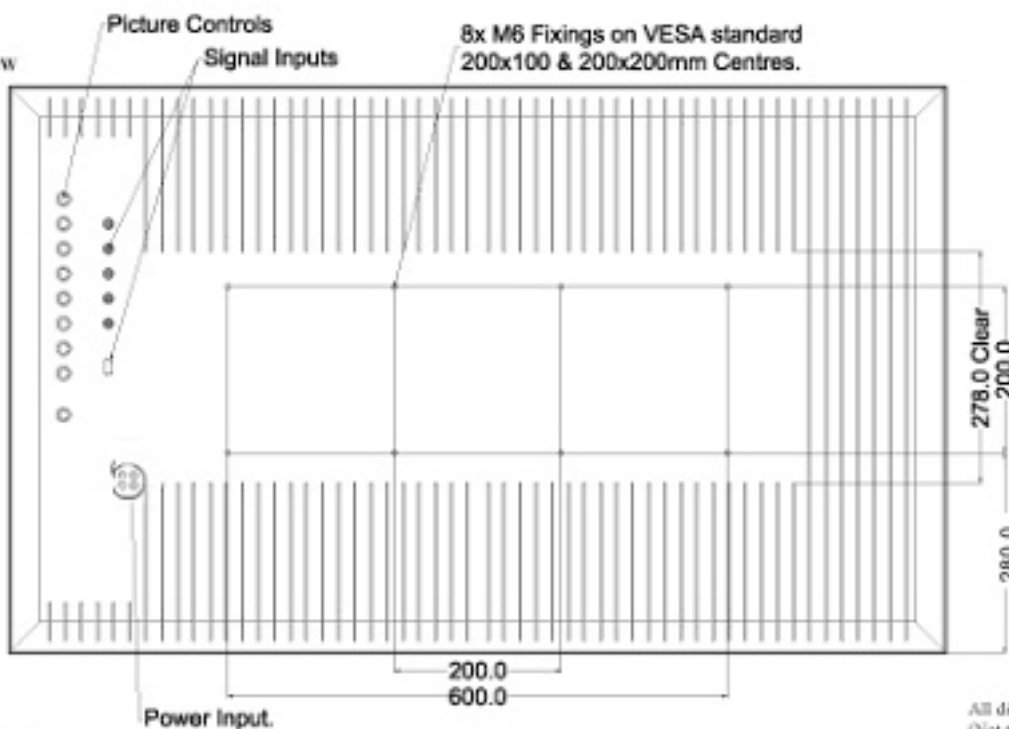
FRONT VIEW



SIDE VIEW



REAR VIEW



BOTTOM VIEW



All dimensions in millimetres  
(Not to scale)