

# 40" WATERPROOF & TRANSFLECTIVE DATASHEET

## WIDESCREEN LCD MONITOR HEAD

### 29LM403A31MPIPT

## WIDESCREEN XGA MULTISCAN MONITOR

The 29LM403A31MPIPT series of 40" LCD monitors has been designed primarily for public information applications. They utilise WXGA TFT panels with KME designed mechanical enhancements to give superior image performance and ruggedness.

The IP model provides additional sealing to IP65 in a rugged metal housing with a glass protection screen, making it suitable for sheltered external usage. The transfective Helierview™ transfective technology enables near perfect viewing even in direct sunlight. The user controls and AC power supply are integrated in the monitor head.

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 WIDESCREEN DISPLAYS

- > **Designed for purpose**  
The 40" 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 WXGA.
- > **Helierview™ transfective technology**  
Transfective helierview™ technology enables daylight viewing.
- > **IP65 sealed**  
The monitor is sealed to IP65 rating for water and dust resistance.
- > **Construction**  
Rugged metal construction with safety faceplate, suitable for sheltered external usage.



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## DATASHEET

Electrical Description		Mechanical Description	
<b>TFT Characteristics:</b>		<b>Dimensions:</b>	Monitor: 1021(w) x 706(h) x 206.5 (d) mm Weight: 54kg
Type:	40" a-Si Colour TFT/PVA	<b>Input:</b>	HD-15 D-Sub / BNC
Max Resolution:	1366 x 768 pixels		
Active Display Area:	885 x 497 mm	<b>User Controls:</b>	Rear Mounted
Response Time:	8ms	<b>Housing:</b>	Painted aluminium
*Contrast Ratio:	2000:1 typical	<b>Sealing:</b>	IP65
*Brightness:	500cd/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>	RGB 0.7-1.0Vp-p		
<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 (recommended)		
<b>Power Supply:</b>	90-260V AC 50-60 Hz		
<b>Power Consumption:</b>	280W (Max)	<b>Part Numbers:</b>	
<b>Environmental:</b>	Operating Temp: 0 to 50 °C Storage Temp: -20 to +60 °C	Monitor (AC 240V):	29LM403A31MPIPT

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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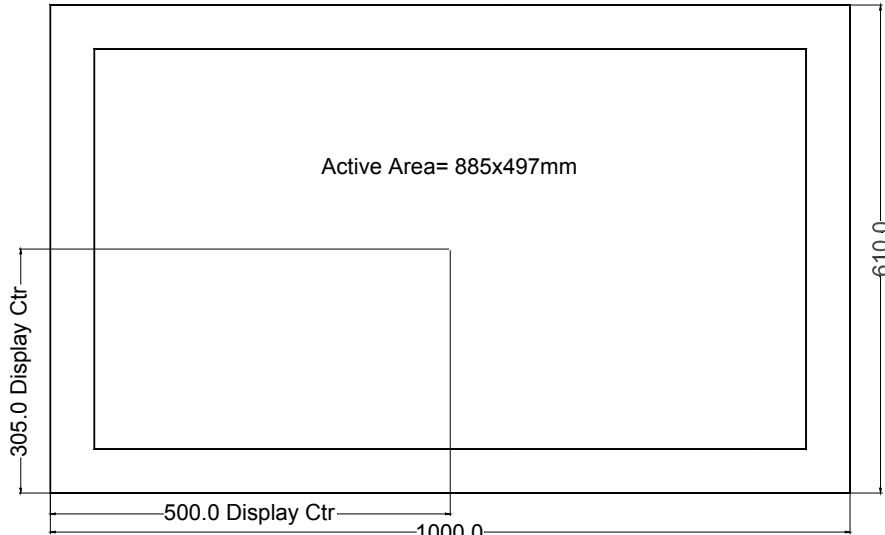


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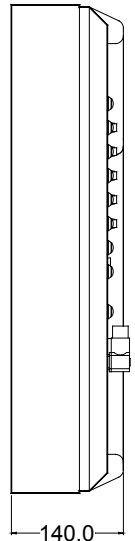
29LM403A31MPIPT

# DATASHEET

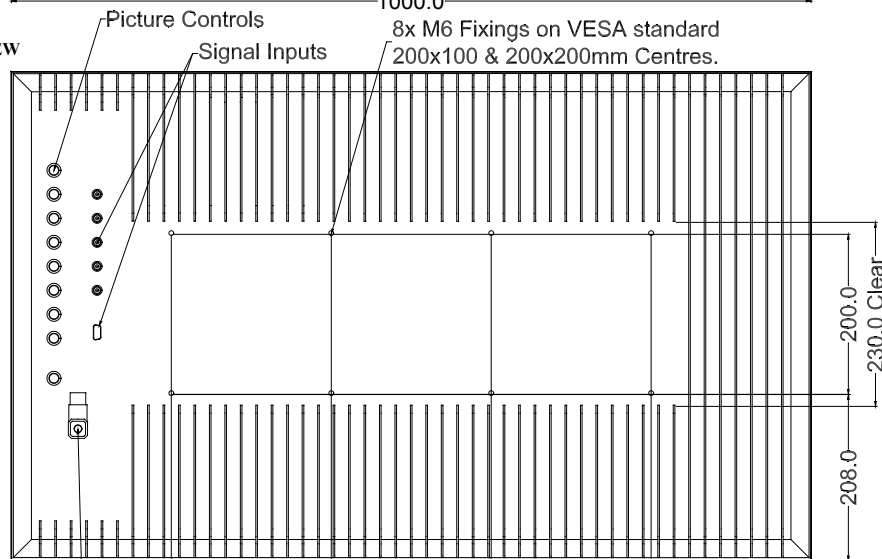
FRONT VIEW



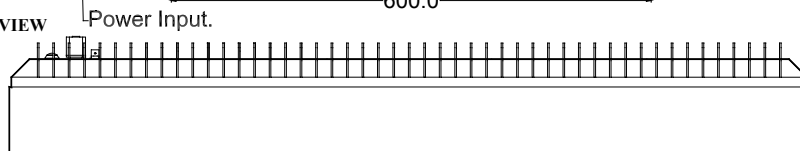
SIDE VIEW



REAR VIEW



BOTTOM VIEW



All dimensions in millimetres  
(Not to scale)