

52" WATERPROOF & TRANSFLECTIVE DATASHEET

WIDESCREEN LCD MONITOR HEAD

29LM523A31MPIPT

WIDESCREEN XGA MULTISCAN MONITOR

The 29LM523A31MPIPT 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. 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 transflective Helioview™ transflective technology enables near perfect viewing even in direct sunlight.

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 WIDESCREEN 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.
- > **Helioview™ transflective technology**
Transflective helioview™ 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	
TFT Characteristics:		Dimensions:	Monitor: 1261 x 759 x 155 mm Weight: 80kg
Type:	a-si Colour TFT/SPVA	Input:	HD-15 D-Sub / BNC
Max Resolution:	1920 x 1080 pixels		
Active Display Area:	1152.0x 648.0 mm	User Controls:	Rear Mounted
Response Time:	11ms	Housing:	Painted aluminium
*Contrast Ratio:	1700:1 typical	Sealing:	IP65
*Brightness:	600cd/m ² typical		
Viewing Angles (at CR>10):	175 ° / 175 °		
Backlight Life:	50,000 hours typical		
No. Colours:	16.7 million		
Synchronisation Range:	Horizontal scan: 30 to 70kHz Vertical scan: 50 to 85Hz		
Display modes:	VESA Support: 640 x 480 800 x 600 1024 x 768 1280 x 1024 1360 x 768 1366 x 768 1920x1080 (recommended)		
Power Supply:	90-260V AC 50-60 Hz		
Power Consumption:	420W Max	Part Numbers:	
Environmental:	Operating Temp: 0 to 50 °C Storage Temp: -20 to +60 °C	Monitor:	29LM523A31MPIPT

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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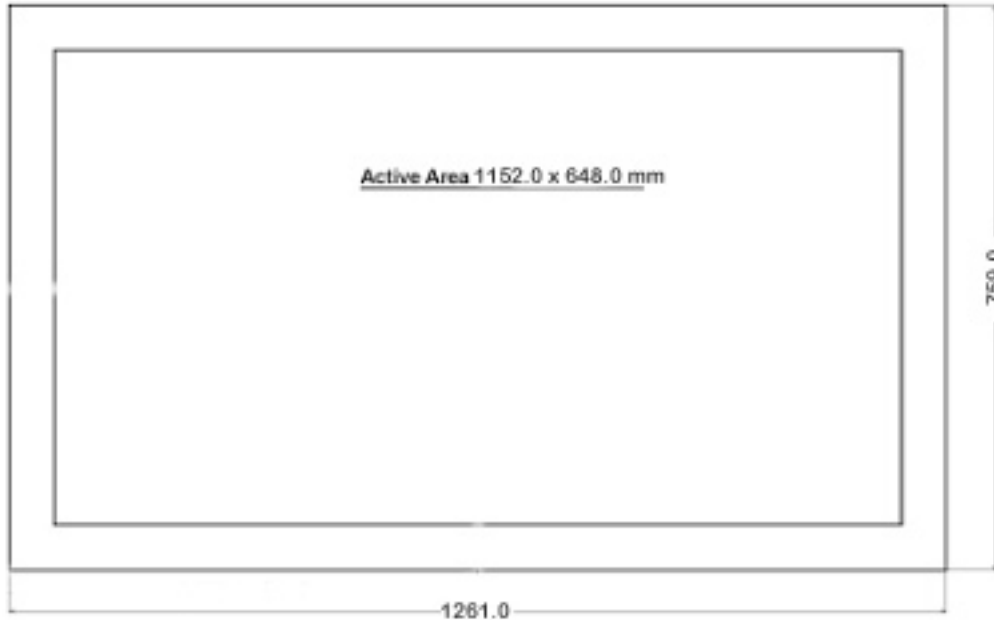


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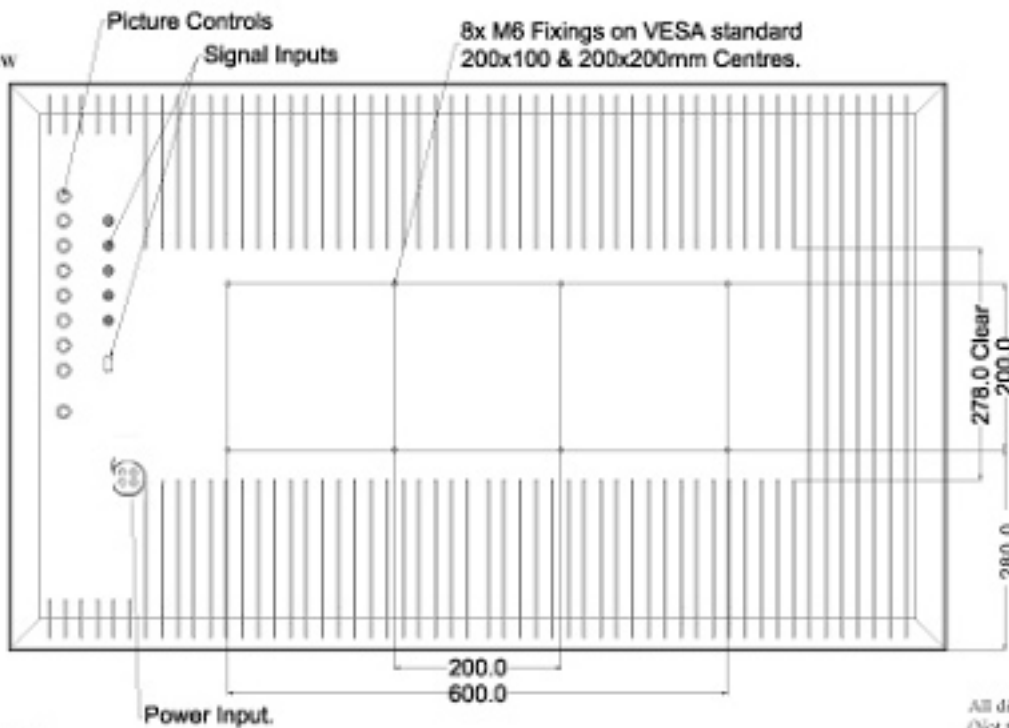
FRONT VIEW



SIDE VIEW



REAR VIEW



BOTTOM VIEW



All dimensions in millimetres
(Not to scale)