

46" WATERPROOF & TRANSFLECTIVE DATASHEET

WIDESCREEN LCD MONITOR HEAD

29LM463A31MPIPT

WIDESCREEN XGA MULTISCAN MONITOR

The 29LM463A31MPIPT Series of 46" LCD monitors has been designed primarily for control room and public information applications. They utilise WXGA TFT panels with KME designed mechanical enhancements to give superior image performance and ruggedness.

Also available in smaller sizes 32" and 40" 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 46" 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.
- > **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: 1126 x 682 x 155 mm Weight: 65kg
Type:	a-si Colour TFT/MVA	Input:	HD-15 D-Sub / BNC
Max Resolution:	1366 x 768 pixels		
Active Display Area:	1018.3 x 572.5 mm	User Controls:	Rear Mounted
Response Time:	8ms	Housing:	Painted aluminium
*Contrast Ratio:	800:1 typical	Sealing:	IP65
*Brightness:	500cd/m ² typical		
Viewing Angles (at CR>10):	170° / 170°		
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 (recommended)		
Power Supply:	90-260V AC 50-60 Hz		
Power Consumption:	330W Max	Part Numbers:	
Environmental:	Operating Temp: 0 to 50 °C Storage Temp: -20 to +60 °C	Monitor:	29LM463A31MPIPT

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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