

19.0" RACK MOUNT LCD MONITOR

29LR1901A31MPY/1

DATASHEET

HIGH QUALITY, LCD MULTI SCAN MONITOR

The 29LR190A31MPY/1 series has this capability of displaying high quality PAL/NTSC video and VGA to SXGA data signals. Two separate signal sources can be connected simultaneously and automatically switched on a Priority basis. Alternatively the video images may be presented as a "Picture in Picture" over a data image. This selection is set-up by the sophisticated OSD controls that also enable picture zoom, flip, rotate and freeze frame features. Remote access to the OSD controls is also available via the RS232 serial port.

The combination of a highly flexible PAL/NTSC video interface and a VGA to SXGA data display makes this monitor the perfect choice for system integrators eager to meet their client's current and future display requirements.

SOLUTIONS FOR MONITOR HEADS

- > **Rugged metal construction with good stability**
The LCD monitor has been designed with solidity, being housed in a compact metal construction with a toughened non - glare glass protection screen.
- > **Optional touch screen facility**
A touch screen can be easily integrated into the monitor
- > **Inputs**
All monitors have RCA, DVI-D and 15-D connectors
- > **Deep dimming capability**
The monitors have the capability of deep dimming (100% - 0%)



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Electrical Description		Mechanical Description	
TFT Characteristics:	Type:	a-si TFT active matrix	Dimensions: Monitor: 483 x 399 x 69mm Weight: 8kg approx
	Max Resolution:	1280 x 1024 pixels	Input: RCA, 15-D, DVI-D
	Active Display Area:	376mm x 301mm	Housing: Painted aluminium
	Response Time:	20ms average, typical	User Controls: Front mounted
	Contrast Ratio:	1000:1 typical	On Screen buttons: Brightness, Contrast, OSD
	Brightness:	250cd/m ² typical	
	Viewing Angles (at CR>10):	178 ° / 178 °	
	Backlight Life:	50,000 hours typical	
	No. Colours:	16.7 Million	
	Video Signal:	Pal/NTSC Analog RGB 0.7-1.0Vp-p	
Signal Sync:	Composite (CVBS) 1Vp-p Separate H&V (+/-ve) TTL or Sync-on-Green (-ve) 0.3V		
Synchronisation Range:	Horizontal scan: 30kHz - 50kHz, 15kHz (Pal / NTSC) Vertical scan: 50 to 70Hz		
Display modes:	VESA Support: 640 x 480 VGA 800 X 600 SVGA 1024 x 768 XGA 1280 x 1024 SXGA (recommended)		
Power Supply:	90 - 260V AC 50/60Hz		
Power Consumption:	60W (Max)	Part Numbers:	
Environmental:	Storage Temp: -20 to 65°C Operating Temp: 0 to 50°C	Part number: 29LR1901A31MPY/1 Resistive touch screen via RS232: (or USB option) 29LR1901AR31MPY/1	

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

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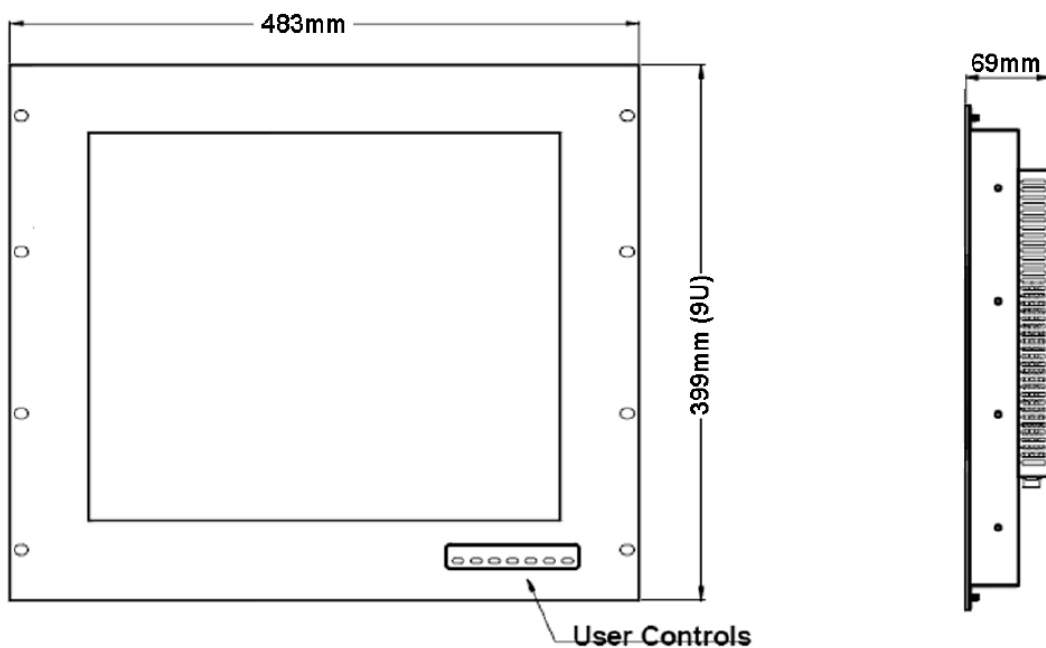


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Design Notes:

1. Rack Metal Thickness is 3mm

* Handles fitted by request

(Not to Scale)