

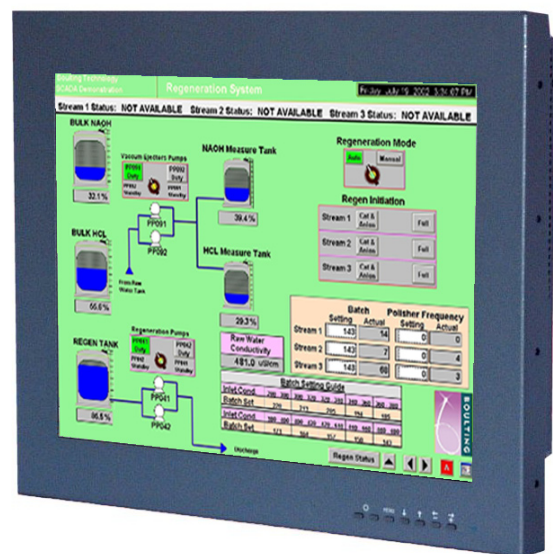
HIGH QUALITY, LCD MULTISCAN MONITOR HEAD

KME has developed this 19.0" Head model, within the popular 29LM series of LCD monitors, to address the growing demand for a monitor that is capable of displaying high quality PAL/NTSC video and VGA to SXGA data signals.

The 29LM1901E31MPY/1 series has two separate signal sources which 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.

SOLUTIONS FOR MONITOR HEADS

- > **Vesa standard fixings for ergo arm**
VESA fixings at the rear making it easy for wall mounting or use with ergo arms.
- > **Optional touch screen and RS232 facility**
A touch screen or RS232 can be integrated into the monitor
- > **Inputs**
All monitors have DVI -D, 15-D and RCA connectors
- > **Rugged metal construction with good stability**
The LCD monitor has been designed with solidity, being housed in a compact metal construction with a toughened glass protection screen.



19.0" LCD HEAD MONITOR

29LM1901E31MPY/1

DATASHEET

Electrical Description		Mechanical Description	
TFT Characteristics:	Type:	a-si TFT active matrix	Input: 15-D, RCA, DVI-D
	Max Resolution:	1280 x 1024 pixels	Housing: Painted aluminium
	Active Display Area:	376 x 301mm	User Controls: Front mounted
	Response Time:	20ms average, typical	On Screen buttons: Brightness, Contrast, OSD
	Contrast Ratio:	1000:1 typical @ CR≥10	
	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:	Analog 0.7Vp-p PAL / NTSC	
Signal Sync:	Separate H&V (+/-ve) TTL Composite (CVBS) 1V p-p		
Synchronisation Range:	Horizontal scan:	15kHz (PAL/NTSC) 30 - 50 kHz	
	Vertical scan:	56-85Hz	
Display modes:	VESA Support:	640 x 480 VGA 800 X 600 SVGA 1024 x 768 XGA 1280 x 1024 SXGA (recommended)	
Clock rate:	135MHz max		
Power Supply:	12V dc		
Power Consumption:	60W (Max)		
Environmental:	Storage Temp:	-20 to 65°C	Part Numbers:
	Operating Temp:	0 to 50°C	Desktop model: 29LM1901E31MPY/1
			AC power pack: 20BK0220
			Resistive touch screen via RS232: (or USB option) 29LM1901ER31MPY/1

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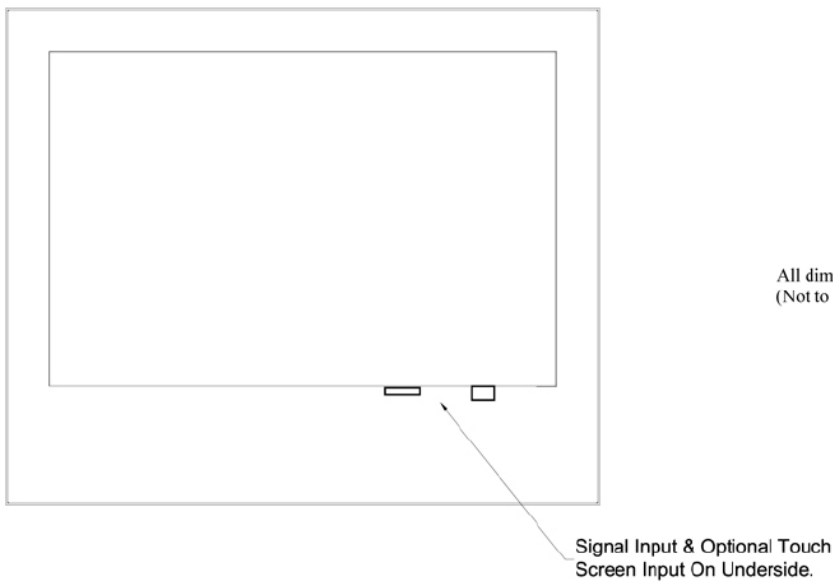
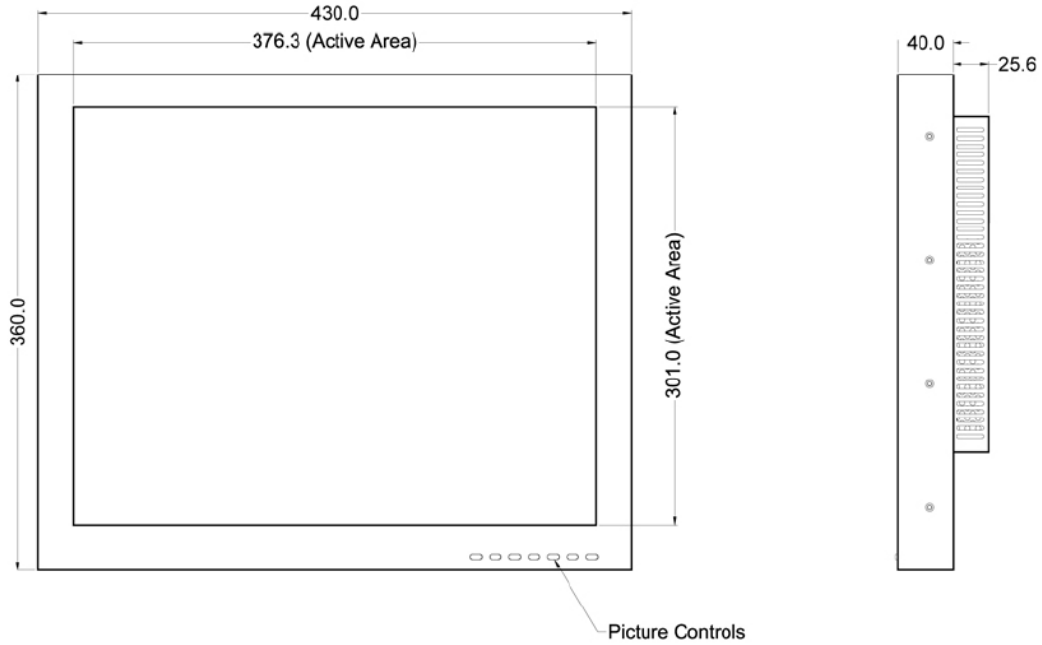
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19.0" LCD HEAD MONITOR

29LM1901E31MPY/1

DATASHEET



All dimensions in millimetres
(Not to scale)