

FLAT PANEL MONITORS

19LM1901(31MP) SERIES

19.0" MULTISCAN DESKTOP LCD MONITORS

DISPLAY

Type:	AM Colour TFT
No. Colours:	16 million
Max. Resolution:	1280 x 1024 pixels
Active Display Area:	376 x 301mm
Backlight Life:	50,000 hours typical
Brightness:	250cd/m ² typical
Contrast Ratio:	1000:1 typical @ CR≥10
Viewing Angles:	89° Left; 89° Right 89° Up; 89° Down
Response Time:	10ms average, typical

SIGNAL INPUTS

Input A:

Video:	PAL or NTSC standard
Input Connector:	BNC (75R)
Sync. Type/Level:	Composite (CVBS) 1V p-p

Input B:

Video	Analog RGB 0.7-1.0V p-p
Input Connector:	15-pin HD Female
Sync. Type/Level:	Separate H&V (+/-ve) TTL or Composite (-ve) TTL or Sync-on-Green (-ve) 0.3V

Multiscan Support:

1280 x 1024 SXGA
1024 x 768 XGA
800 x 600 SVGA
640 x 480 VGA

Horizontal Scan:	15kHz (PAL) - 91kHz
Vertical Scan:	56-85Hz
Clock Rate:	135MHz max

Controls: (On Screen Display) buttons at front)	Brightness, Contrast, Autoset, H/V Position, Colour, Clock, Clock Phase and Priority.
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POWER INPUTS

AC Model:	110/230V 50/60Hz Power Pack inside base
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Power Consumption:	50W Max.
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PHYSICAL/ENVIRONMENTAL

Dimensions (approx):	430 x 430 x 187 mm
Weight (approx):	9Kg.
Housing:	Painted Steel (Storm Grey)
Operating Temp:	0 to 50°C
Storage Temp:	-20 to 60°C

PART NUMBERS

Desktop model	19LM1901A31MP/2
Rackmount model	29LR1901A31MP/2
Head only	29LM1901E31MP/2 (12Vdc)

PAL/NTSC and SXGA Models



- Rugged Metal Construction with Good Stability
- Non-glare Glass Protection Screen
- High Brightness & Wide Viewing Angles
- Deep Dimming Capability (100% to 0%)
- Features include PIP, Image Flip/Mirror/Rotate
- Optional RS232 control of OSD
- Optional Touchscreen integration
- Custom designs & corporate logos/colours

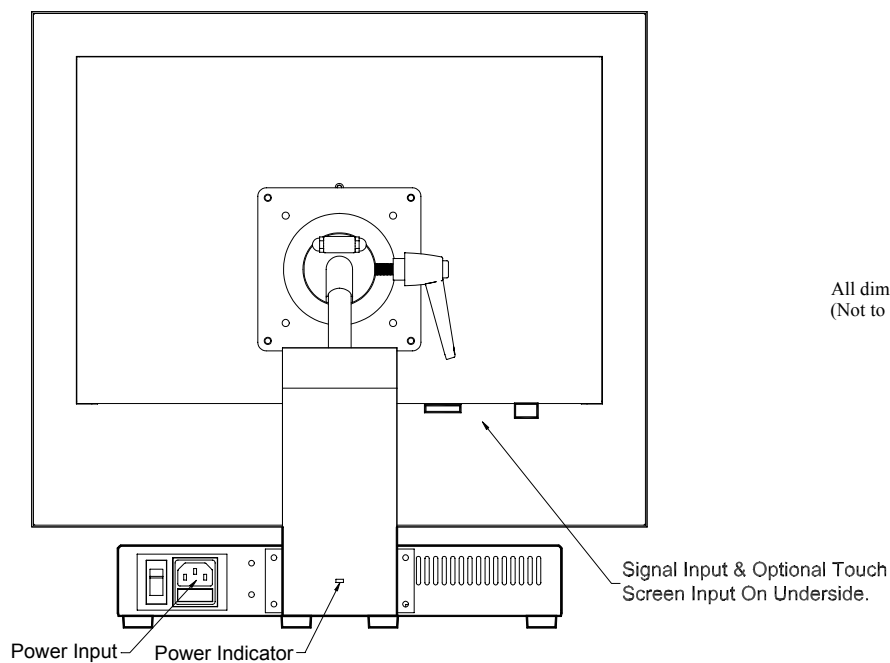
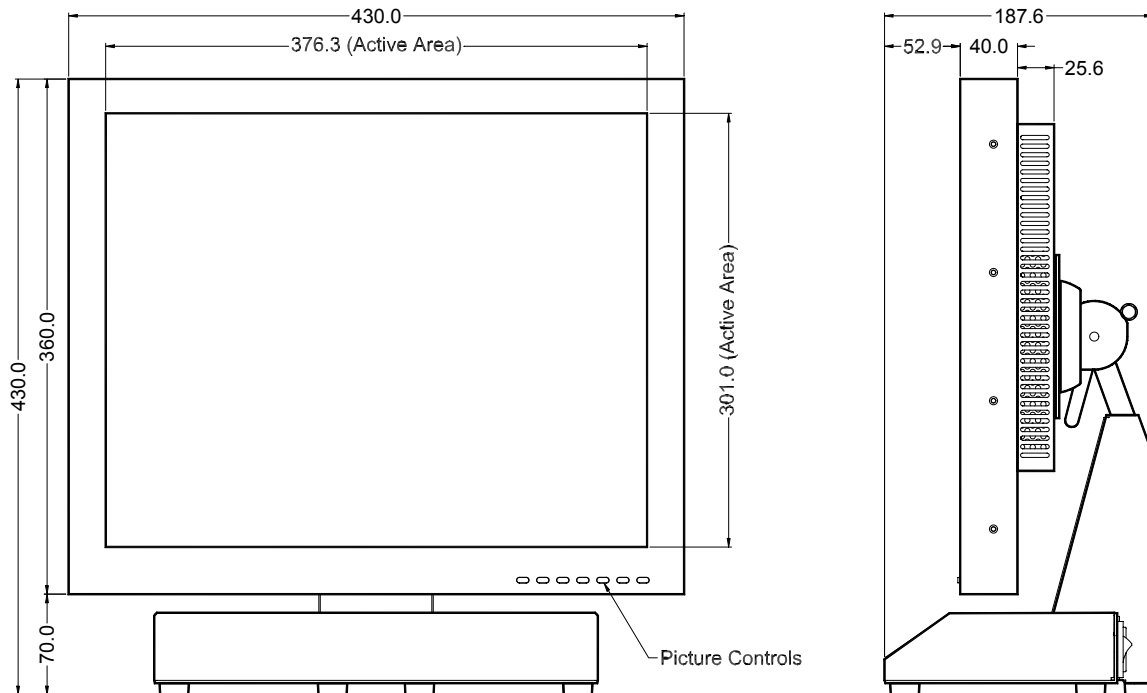
KME has developed this 19.0" Desktop model, within the popular 19LM series of LCD monitors, to address the growing demand for a monitor that is capable of displaying high quality PAL/NTSC video and VGA to SXGA data signals.

The 19LM1901(31MP) series has this capability. 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.

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged. 19lm1901(31mp2)1 06/2005





All dimensions in millimetres
(Not to scale)

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