FLAT PANEL MONITORS

29LM171(61MP) SERIES	17.0" LCD MONITOR HEADS

DISPLAY

Type:	a-Si TFT Active Matrix
No. Colours:	16.2 million
Max. Resolution:	1280 x 1024 pixels
Active Display Area:	337.9 x 270.3mm
Backlight:	CCFL x 6
Brightness:	250cd/m² (typical)
Contrast Ratio:	500:1(typical)
Viewing Angles:	170° H, 170° V

SIGNAL INPUTS

A) RGB Signal	Analog 0.7Vp-p
Input Connector:	15-pin HD Female
Sync. Type/Level:	Separate H&V (+/-ve) TTL
	Composite (+/-ve) TTL
	Sync-on-Green -0.3Vp-p
B) DVI Signal	DVI-D standard 24 pin
C) Video	PAL/NTSC - RCA connector
Resolutions:	1280 x 1024 SXGA
	1024 x 768 XGA
	800 x 600 SVGA
	640 x 480 VGA
Horizontal Scan:	15kHz (PAL) & 25 - 80kHz
Vertical Scan:	56 - 75Hz
Controls:	Power Switch, Auto Set-up,
(On Screen Display)	Brightness, Contrast, Input
buttons at front)	Select, Menu

POWER

AC Power:	100/230V 50/60Hz via
	integral power supply
Connector:	3 pin IEC in Head
Power Consumption:	55W Max.

PHYSICAL/ENVIRONMENTAL

Dimensions (approx):	404 x 334 x 56mm
Weight (approx):	5kg.
Housing:	Aluminium (Storm Grey)
Operating Temp:	5 to 40°C
Storage Temp:	-20 to 60°C

PART NUMBERS

RGB + PAL/NTSC	29LM171A61MP/2
RGB Only	29LM171A61M/2

PAL/NTSC + SXGA Displays

- **Rugged Industrial Display Module**
- **Lightweight Metal Construction**
- **High Brightness & Wide Viewing Angles**
- **Automatic Image Size Adjustment**
- **VESA Standard Mountings on Rear**
- **Triple Inputs (RGB, DVI-D & PAL)**
- **Touchscreen models available**
- **Also available in Desktop, Chassis, Rack & Panel Mount formats**

KME has developed this display module for industrial applications where an economically priced SXGA TFT flat panel monitor is required with a bright screen and wide viewing angles. The unit is constructed from painted aluminium and incorporates triple data input including PAL/NTSC, enabling applications in security surveillance and machine vision to be addressed.

Automatic mode detection and picture scaling circuitry allow the display of resolutions lower than the 1280 x 1024 pixels native resolution.

The **29LM171(61MP)** series is supplied with non-glare toughened glass protection screens as standard or no additional glass for those demanding SXGA applications where ultimate clarity is necessary.

VESA fixings for Ergo Arm mounting are incorporated as standard and a range of Arm solutions is available from stock.
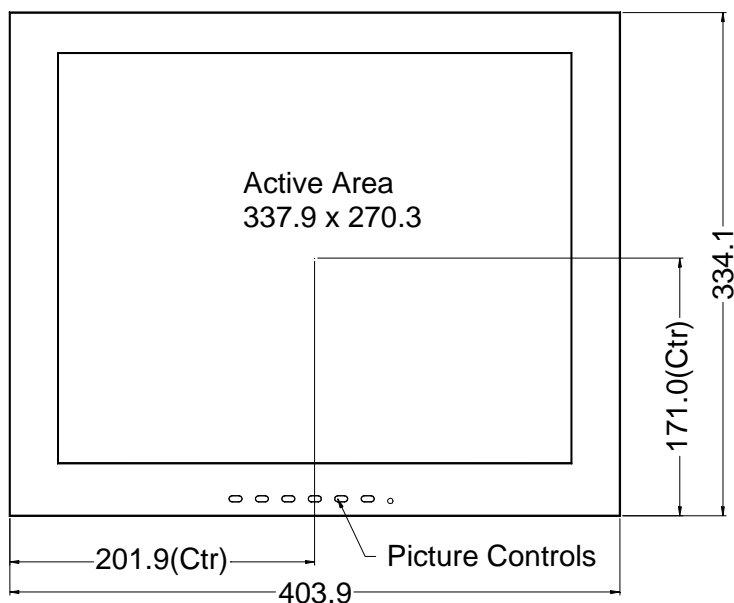
MONITORS & DISPLAY MODULES

INTELLIGENT DISPLAY SOLUTIONS

KME

29LM171(61MP) SERIES 17.0" LCD MONITOR HEAD

FRONT VIEW

SIDE VIEW

Active Area
337.9 x 270.3

334.1

171.0(Ctr)

299.9

73.8

201.9(Ctr)

Picture Controls

403.9

32.5

56.3

REAR VIEW

335.0

4 x M4 Fixings on VESA
Standard spacing

100.0

120.8

100.0

152.0

BOTTOM VIEW

Power
Input

15 D
Input

DVI
Input

PAL
Input
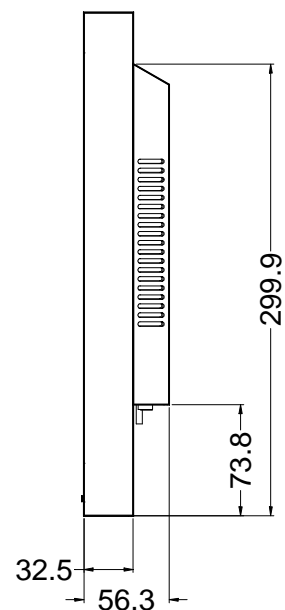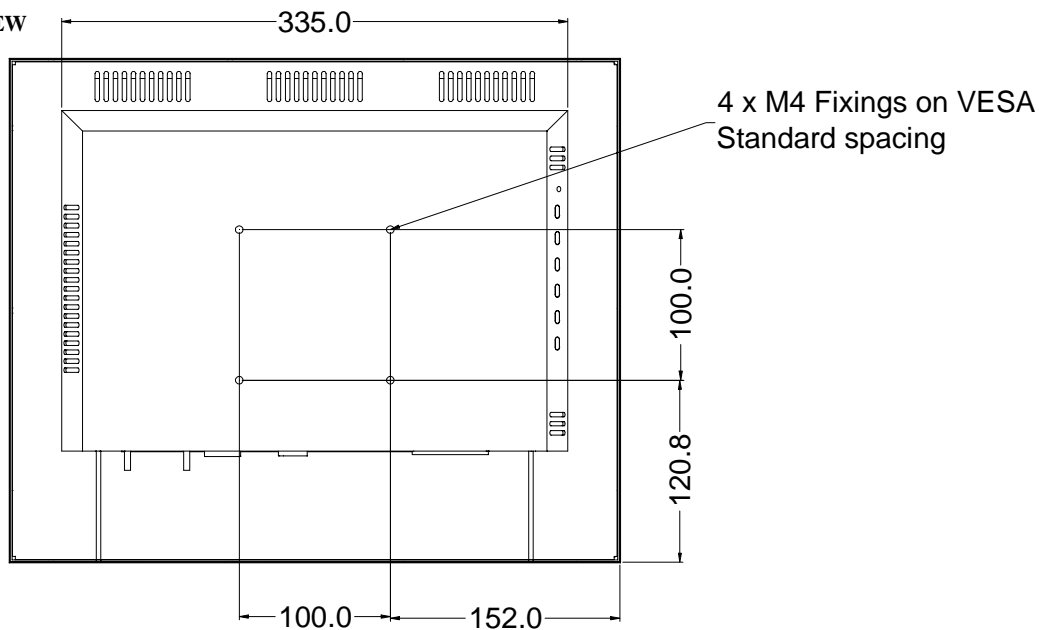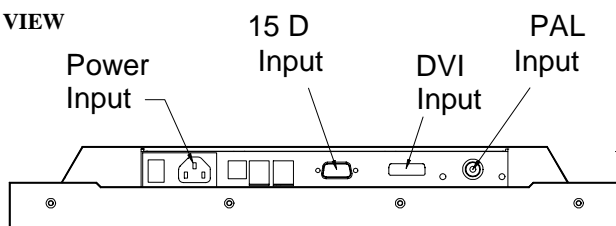
All dimensions in millimetres
(Not to scale)

29lm171(61mp)2   09/2004

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