

# FLAT PANEL MONITORS

**29LS261(51UN) SERIES**

**26.0" SLOW SCAN LCD CHASSIS MONITORS**

## DISPLAY

Type: AM Colour TFT  
 No. Colours: 16 million  
 Max. Resolution: 1366 x 768 pixels  
 Active Display Area: 575.7 x 323.7 mm  
 Backlight Life: 50,000 hours typical  
 Brightness: 500cd/m<sup>2</sup> typical  
 Contrast Ratio: 800:1 typical  
 Viewing Angles: 85° Left; 85° Right  
 85° Up; 85° Down  
 Response Time: 15ms average, typical

## SIGNAL INPUTS

RGB Signal : Analog RGB 0.7-1.0Vp-p  
 Or TTL >2.75Vp-p  
 Input Connectors: 9D, 15D, BNC x 5  
 Sync. Type/Level: Separate H&V (+/-ve) TTL  
 or Composite (-ve) TTL  
 or Sync-on-Green (-ve) 0.3V  
 Slow Scan Support: Pre-programmed Analog or  
 (see table examples) TTL inputs in 15-40kHz range  
 Fast Scan Support: 1366 x 768 WXGA  
 1280 x 1024 SXGA  
 1024 x 768 XGA  
 800 x 600 SVGA  
 640 x 480 VGA  
 Horizontal Scan: 15-91kHz  
 Vertical Scan: 40-80Hz  
 Clock Rate: 135MHz max  
 Controls: Brightness, Contrast, Auto set-up  
 (On Screen Display ) Disable, H/V Position,  
 buttons at rear ) Clock, Clock Phase and Priority

## POWER INPUTS

AC Model: 90-264V 50/60Hz  
 Power Consumption: 90W Max.

## PHYSICAL/ENVIRONMENTAL

Dimensions (approx): 636 x 471 x 111mm  
 Weight (approx): 15Kg.  
 Housing: Painted Aluminium (Storm Grey)  
 Operating Temp: 0 to 50°C  
 Storage Temp: -20 to 60°C

## PART NUMBERS

Chassis model 29LS261A51UN  
 Head model 29LM261A51UN

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.  
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## Widescreen XGA and Old Legacy Signals



- Specially designed for Legacy CRT replacement
- Widescreen (16:9) formats up to WXGA resolution
- High Brightness and Wide Viewing Angles
- TTL, Analog & Interlaced Signals accepted
- BNC, 9-D & 15-D Connectors
- Rugged Metal Construction with Good Stability
- Head Model (without Fixing Brackets) available

The 29LS261(51UN) Series of 26" LCD monitors has been designed primarily for Slow Scan Legacy Systems as replacements for 28" CRT monitors. They utilise modern WXGA TFT panels and a KME designed Analog-Digital interface board. All elements, including a toughened glass protection screen, have been packaged in a rugged metal housing. The AC power supply is integrated in the monitor head.

Public Information and Process Control systems may be able to use the full width of this 16:9 screen. If 4:3 aspect ratio information is displayed the picture will be the same size as on a 21.3" LCD monitor. High brightness and exceptional viewing angles make this 26" a unique solution to many CRT Replacement problems.

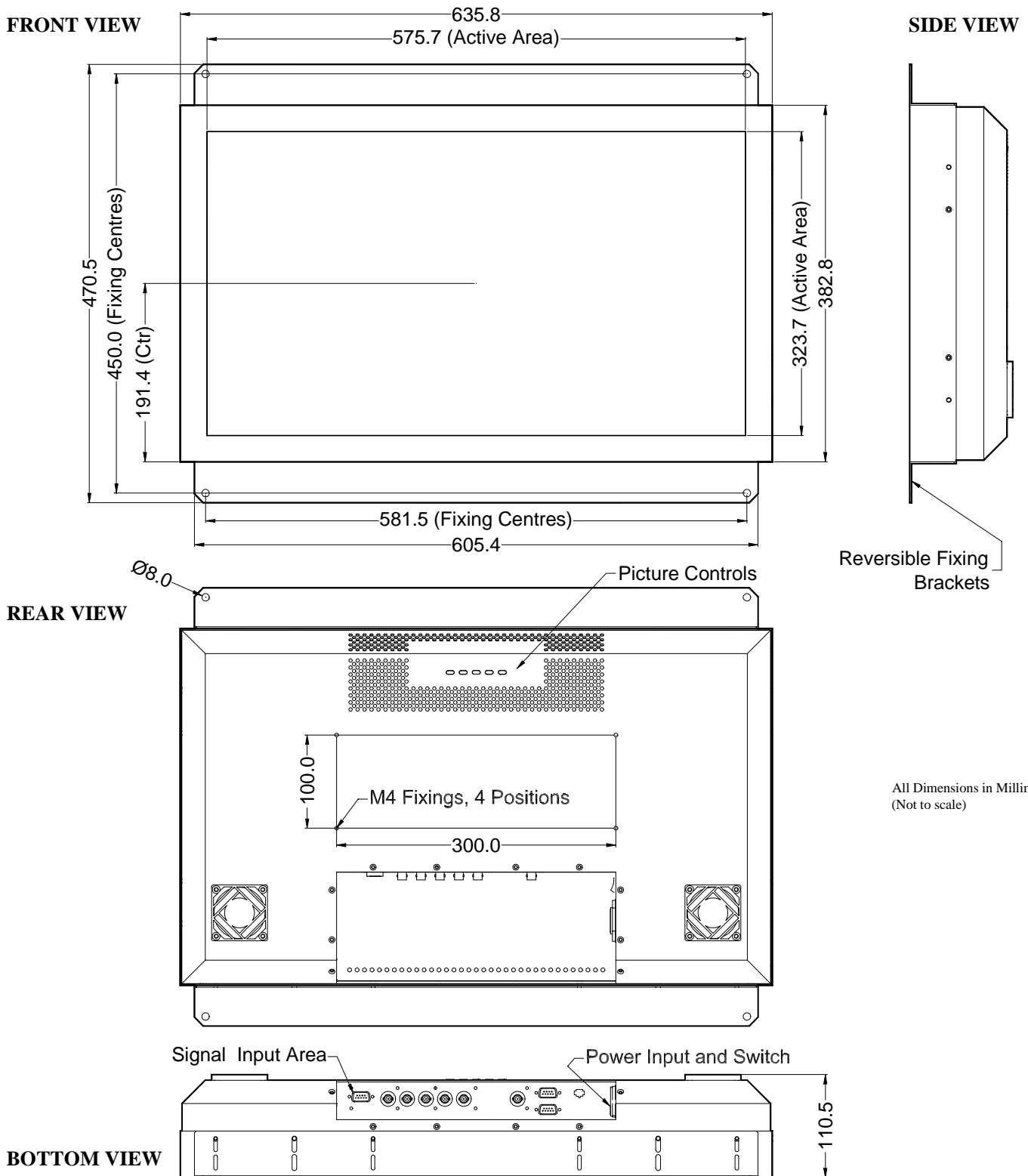
Some common Slow Scan Signal timings are factory pre-set. New ones may be added on request. Other signals, which are close to those listed, will give a display but some adjustment may be necessary for full screen performance. The settings can be stored for future use.

H. kHz	V. Hz	Pixels		H. kHz	V. Hz	Pixels
15.625	50	714 * 288		15.63	50	560 * 275
15.63	60	808 * 238		15.72	60	564 * 240
15.72	60	508 * 240		15.72	60	604 * 240
15.72	60	640 * 200		16.10	50	564 * 304
16.276	70	640 * 220		16.79	70	577 * 215
17.85	50	508 * 338		21.83	60	640 * 350
20.65	50	640 * 384		24.78	60	640 * 384



**29LS261(51UN) SERIES**

**26" LCD CHASSIS MONITOR**



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