

# FLAT PANEL MONITORS

29LW12 SERIES

TFT-for-CRT CHASSIS MONITORS



## CRT Monitor Replacements

- 12" CRT Chassis Monitor dimensions
- Uses 12.1" TFT Panel
- CGA/EGA/VGA/SVGA compatible
- Programmable for Legacy signals
- 110/230Vac or 12/24Vdc operation
- Adjustable Tilt Positions 0° / 5° / 10° / 15°
- Toughened Safety Glass for TFT protection (option of unprotected TFT panel – 12NA series)
- Optional Remote OSD controls

The **29LW12 series** of Industrial LCD monitors has been designed as replacement for 12" CRT monitors. Ease of integration into a wide range of Measurement, Instrumentation and Human-Machine interface applications has been a key consideration. It uses KME's 29LM123(78UN) series of 12.1" TFT monitors fixed to an Open-frame chassis. Base plate fixings and holes have been designed to pick up on the original CRT chassis mounting positions.

**Two LCD monitor types are offered: 12A series for full protection of the TFT panel and best EMC performance; 12NA series for lowest cost – no Safety Glass or Front Cover**

Part Nr	Legacy signals 15kHz -SVGA	
	29LW12A71UN	29LW12NA71UN
Safety Glass Fitted	Yes	No
Front Cover Standard Colour	Black	None
Active Display Area	246 x 184.5mm	
12" CRT Display Area	225 x 169mm	
Brightness	400cd/m <sup>2</sup>	
Backlight Life	50,000 hours	
Video Inputs	Analog RGB 0.7Vp-p TTL RGB > 2.75Vp-p	
Sync. Type/Level	Separate H&V (+/-ve) TTL Composite/Mixed (-ve) TTL Sync-on-Green (-ve) 0.3V	
Input Connectors	BNC x 6 + 15D	
Horizontal Scan Freqy.	15kHz – 60kHz.	
Vertical Scan Freqy.	40 – 100Hz.	
Input Voltage	110/230Vac	
Optional 12Vdc or 24Vdc	Yes	
Power Consumption (approx.)	30W max.	

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged. 29lw12(71un)1 03/2006

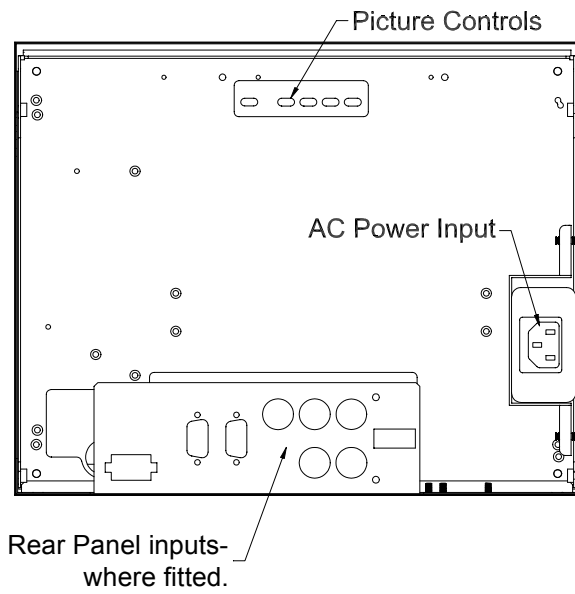
MONITORS & DISPLAY MODULES



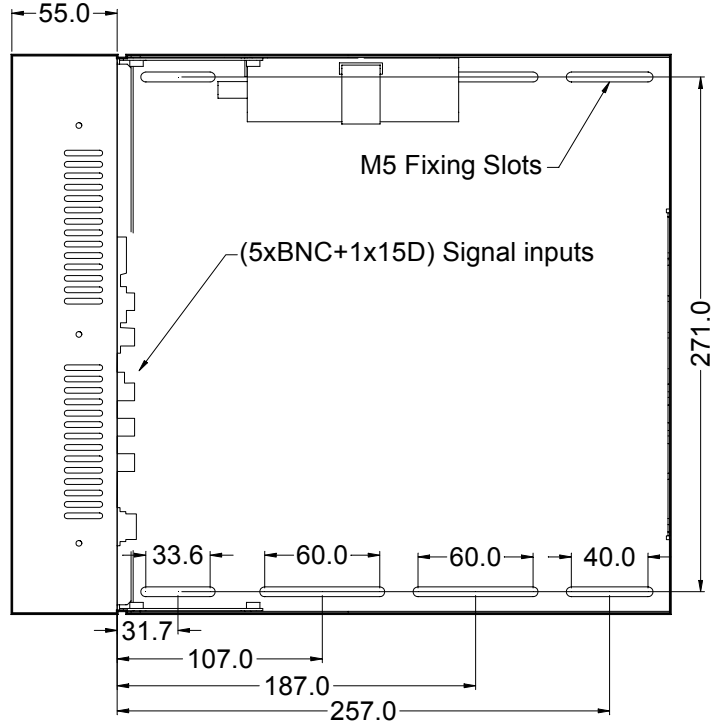
INTELLIGENT DISPLAY SOLUTIONS



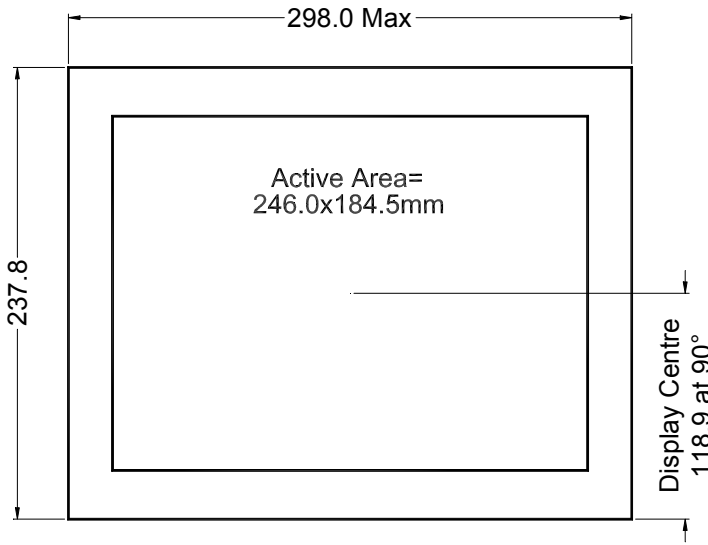
REAR VIEW



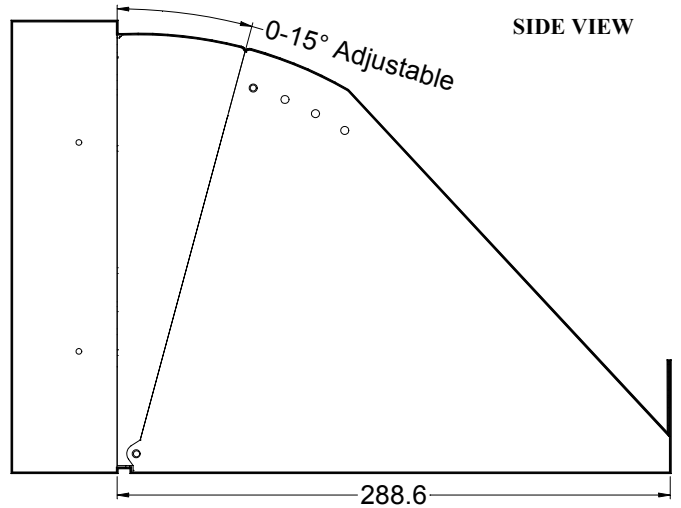
TOP VIEW



FRONT VIEW



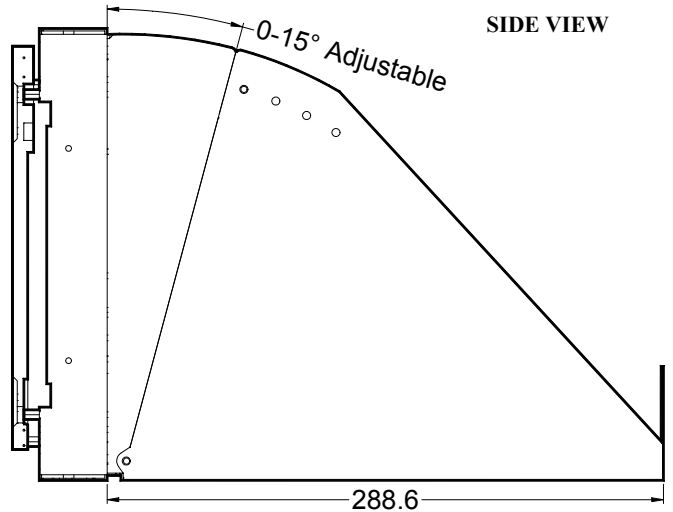
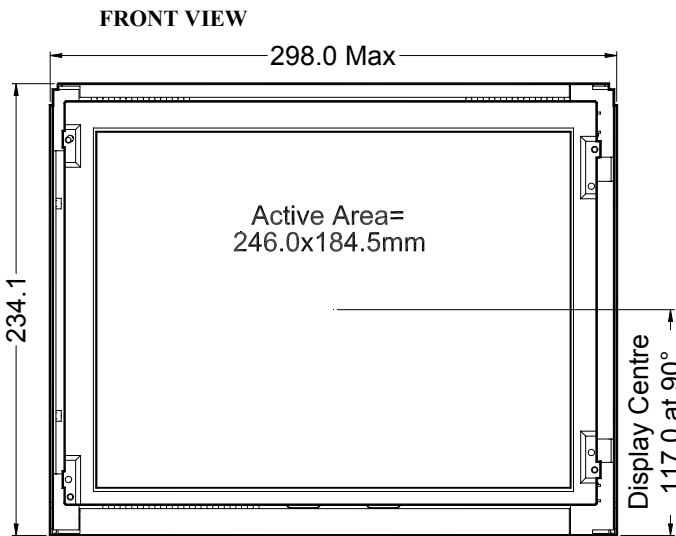
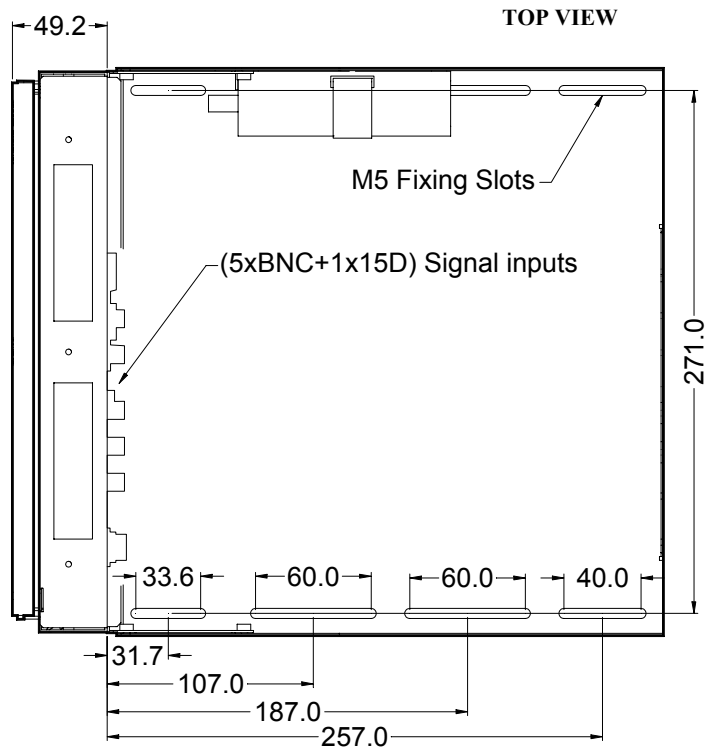
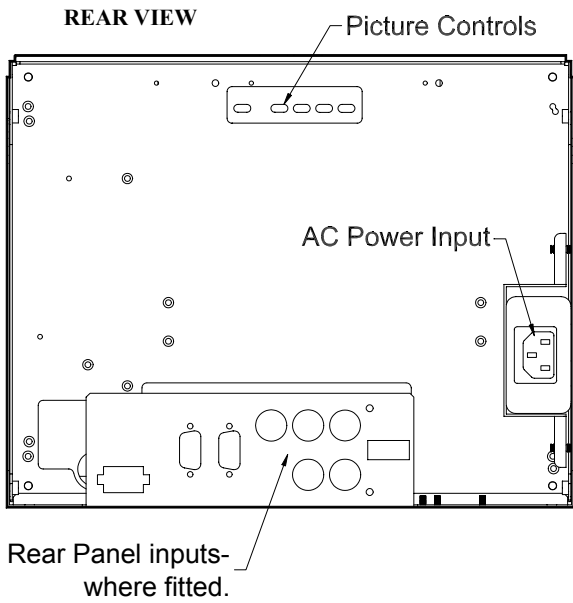
SIDE VIEW



All dimensions in millimetres  
(Not to scale)

**29LW12N(71UN) SERIES**

**12.1" LCD MONITOR FOR 12" CRT REPLACEMENT.**  
(No Protection Glass or Front Cover)



All dimensions in millimetres  
(Not to scale)

29lw12n(71un)2 03/2006

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