

SLOW SCAN LCD MONITORS

The 19LM151A71UN/1 Series of 15.0" LCD monitors has been designed primarily for Slow Scan Legacy Systems as replacements for CRT monitors. They utilise a modern XGA TFT panel and a KME-designed Analog-Digital interface board.

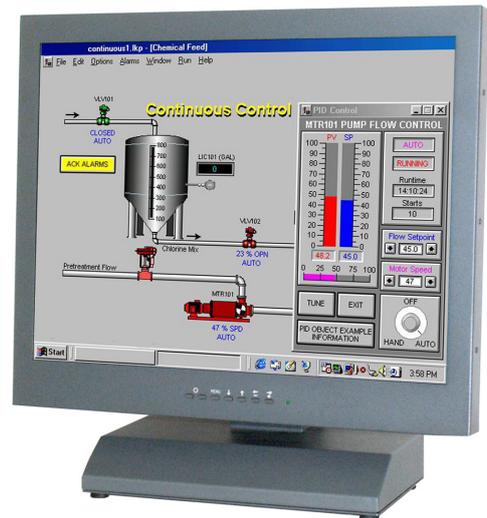
All elements, including a toughened glass protection screen, have been packaged in a compact metal housing. (Dimensions are compatible with previous 15.1" series) The heavy-duty stand has the AC power supply in its base.

By special development of our Signal Recognition and Scaling software KME has created a Universal flat panel monitor with unique 15kHz to 60kHz display capabilities.

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 final settings can be easily stored for future use.

SOLUTIONS FOR DESKTOP MONITORS

- > Specially Designed for Slow Scan Signals
- > CGA, EGA and all VESA standards up to XGA
- > Image Size Adjustment & Save
- > TTL, Analog & Interlaced Signals Accepted
- > Accessory Cables for BNC & 9D Inputs
- > Rugged Metal Construction with Good Stability
- > Panel, Rack Mount, Head & Chassis Versions



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

15.0" DESKTOP LCD MONITOR

DATASHEET

19LM151A71UN/1

Electrical Description		Mechanical Description	
TFT Characteristics:	Type:	AM Colour TFT	Dimensions: Monitor: 388 x 399 x 187 mm Weight: 6.5Kg
	Max Resolution:	1024 x 768 pixels	Input: 15D BNC x5, 9D
	Active Display Area:	304 x 228 mm	Housing: Painted aluminium
	No. Colours:	16 million	User Controls: Front Mounted
	Contrast Ratio:	450:1 typical	On Screen buttons: Brightness, Contrast, H/V Position & Size, Frequency, Frequency Fine
	Brightness:	250cd/m ² typical	
	Viewing Angles (at CR>10):	130 o H, 110 o V	
	Backlight Life:	50,000 hours typical	
	Clock Rate:	112MHz max	
	Sync. Type/Level:	Separate H&V (+/-ve) TTL or Composite (-ve) TTL or Sync-on-Green (-ve) 0.3V	
Signal Sync:	Analog RGB 0.7-1.0Vp-p or TTL RGB >2.75Vp-p		
Synchronisation Range:	Horizontal scan: 15-60kHz		
	Vertical scan: 40-100Hz		
Power Supply:	90-260V 50/60Hz Power Pack inside base		
Power Consumption:	35W Max		
Environmental:	Storage Temp:	-20 to 60°C	Part Numbers: Desktop Model: 19LM151A71UN/1
	Operating Temp:	0 to 50°C	With Resistive Touch: 19LM151AR71UN/1
Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trademarks acknowledged.			

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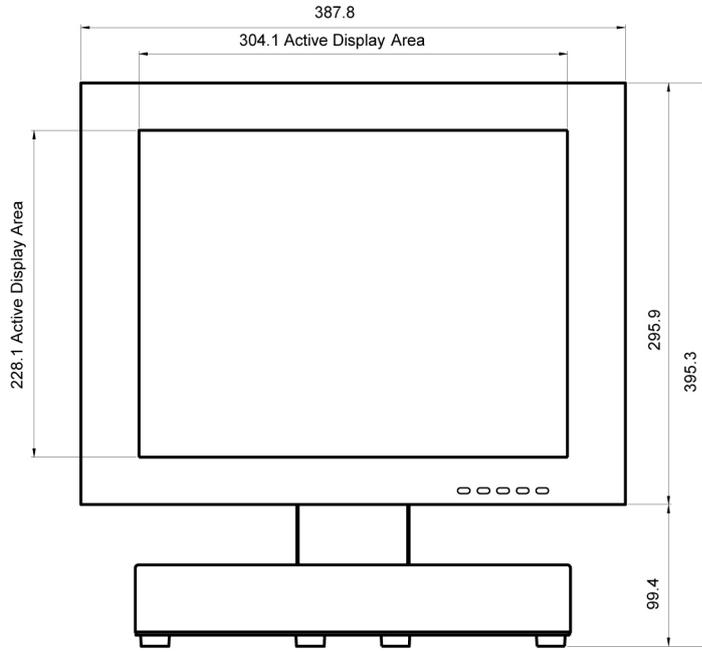


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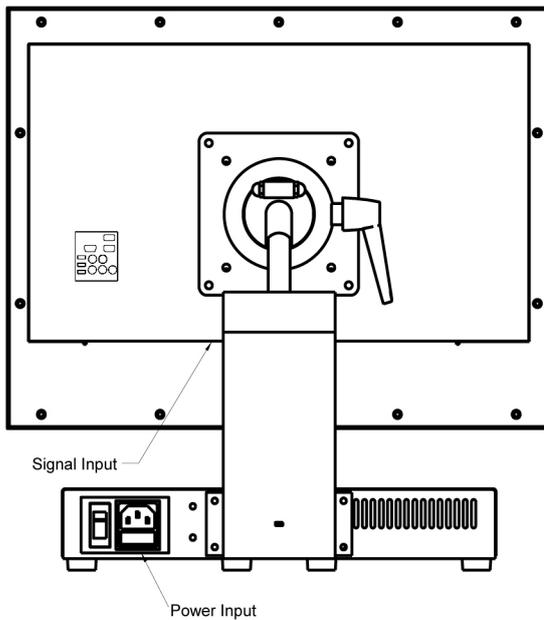
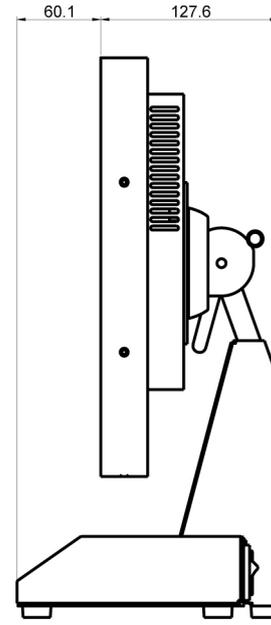
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DATASHEET

FRONT VIEW



SIDE VIEW



REAR VIEW

All dimensions in millimetres
(Not to scale)

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