

10.4" CRT REPLACEMENT LCD MONITOR HEAD

29LM103E71UN/2

DATASHEET

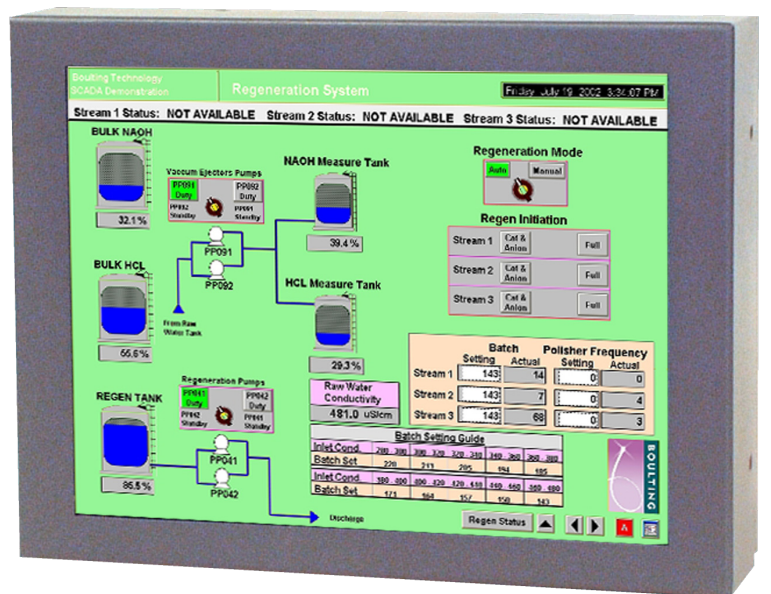
SLOW SCAN LCD MONITORS

The 29LM101E71UN series of LCD monitor heads have been designed for industrial applications in the control field, and other users that require a compact VGA monitor with a small footprint and a high brightness display with good viewing angles. The rugged, metal construction of the monitor ensures exceptional stability, especially important when touch-screen operation is necessary. VESA fixings for Ergo Arm Mounting are on the rear cover.

The KME A/D board has been designed to accept a wide range of signal timings from 15kHz up to VGA standard, including CGA & EGA legacy signals. Set-up controls for finetuning of the display are located at the rear of the monitor. Once set, no further adjustments should be required, and the last setting is stored in memory.

SOLUTIONS FOR DESKTOP MONITORS

- > High Brightness/High Contrast TFT panel
- > 15 to 60kHz Horizontal Scanning range
- > 40 to 100 Hz Vertical Scanning range
- > Programmable for non-standard Legacy signals
- > Rear OSD Controls for maximum versatility
- > Optional Touchscreen Integration



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Electrical Description		Mechanical Description	
TFT Characteristics:		Dimensions:	Monitor (approx): 258 x 199.5 x 70mm
			Weight: 3kg (approx)
Type:	AM Colour TFT	Input:	5 x BNC 75Ω 15-pin HD Female
Max Resolution:	640 x 480 pixels	Housing	Painted aluminium
Active Display Area:	211.2 x 158.4 mm	User Controls:	Rear Mounted
No. Colours:	256k	On Screen buttons	Brightness, Contrast, H/V Position & Size, Frequency, Frequency Fine
Contrast Ratio:	600:1 typical		
Brightness:	450cd/m ² typical		
Viewing Angles (at CR>10):	160° H, 140° V		
Backlight Life:	50,000 hours typical		
Clock Rate:	80MHz 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 (via special TTL accessory cable)		
Synchronisation Range:			
Horizontal scan:	15-60kHz		
Vertical scan:	40-100Hz		
Multiscan Support:	640 x 480 VGA + pre-programmed timings in 15-30kHz range		
Power Supply:	12V DC		
Power Consumption:	30W Max	Part Numbers:	
Environmental:		Desktop Model:	29LM103E71UN/1
Storage Temp:	-20 to 60°C		
Operating Temp:	0 to 50°C		

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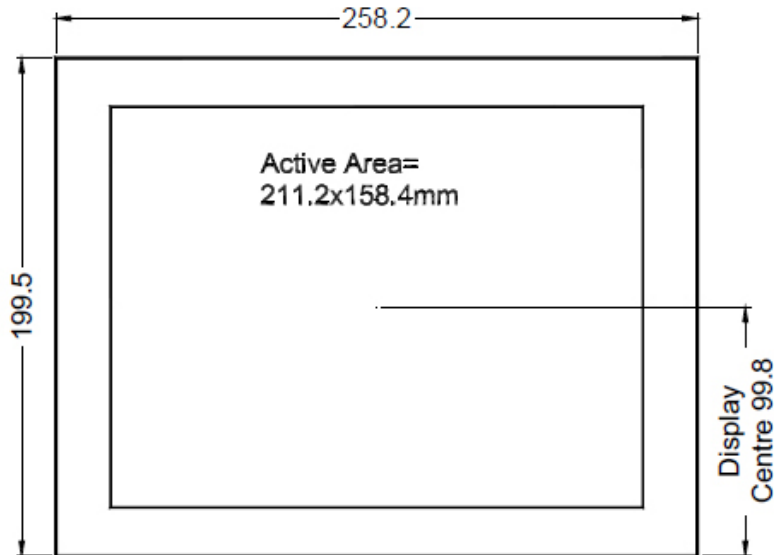


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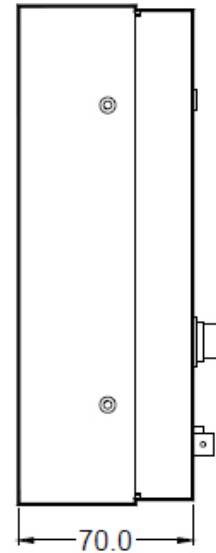
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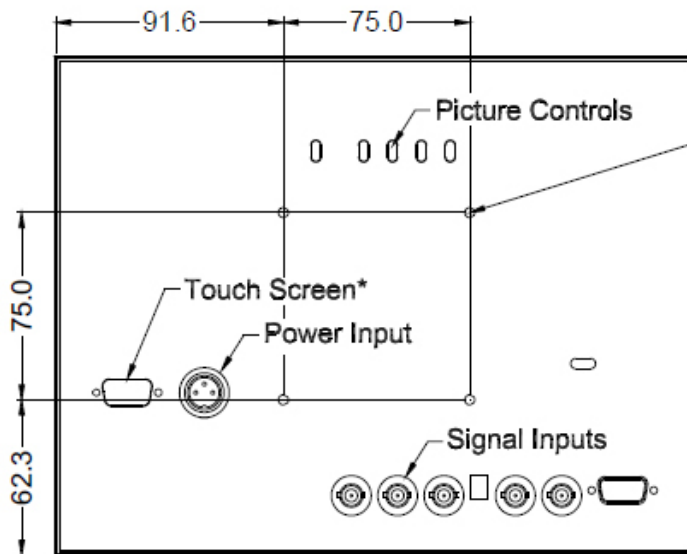
FRONT VIEW



SIDE VIEW



REAR VIEW



4xM4 Fixings on VESA
Standard spacing.

All dimensions in millimetres
(Not to scale)

Where Fitted*

BOTTOM VIEW

