

## HIGH QUALITY, LEVEL CROSSING MONITOR

The 29LM081003 LCD head monitor has been designed as a surveillance monitor for Level Crossing applications. The Cube version works as a direct replacement for existing Monochrome CRT monitors. The Head and Desktop versions are suitable for control room upgrades in which the physical layout of control desks is being changed.

The monitors are suitable for interfacing with either colour or monochrome CCTV cameras. All configurations are constructed in a metal case with a protective, toughened glass front panel, finished in black. Power & Signal connectors enter at the rear. The BNC input has a 75R termination switch to enable slaving of signals to adjacent monitors

### SOLUTIONS FOR LEVEL CROSSING MONITORS

- > Designed for Level Crossing surveillance
- > Cube / Head / Desktop Versions
- > For Colour PAL/NTSC CCTV cameras
- > For Monochrome CCIR CCTV cameras
- > Rugged Metal Case with Toughened Glass Protection Screen
- > Optional Side Brackets for Console mounting



# 8.4" LCD HEAD MONITOR

29LM081003

# DATASHEET

Electrical Description		Mechanical Description	
<b>TFT Characteristics:</b>		<b>Dimensions:</b>	Monitor (exc brackets / feet): 218 x 211 x 196mm
			Weight: 1.5kg approx
Type:	AM Colour TFT	<b>Input Connector:</b>	BNC 75R
Max Resolution:	800 x 600 pixels	<b>Housing</b>	Painted aluminium
Active Display Area:	170.4 x 127.8mm	<b>Output Connector:</b>	BNC with termination switch
Display Protection:	Toughened Glass		
Contrast Ratio:	320:1 typical		
Brightness:	350 cd/m2 typical		
Viewing Angles (at CR>10):	160° H , 125° V		
Backlight Life:	Dual Edge CFL x 2		
No. Colours:	16.8M		
<b>Video Signal:</b>	CCIR or PAL / NTSC standard		
<b>Signal Sync:</b>	Composite (CVBS) 1Vp-p		
<b>Synchronisation Range:</b>			
Horizontal scan:	15kHz (PAL)		
Vertical scan:	50 to 70Hz		
<b>User Controls:</b>	Brightness, contrast & technician controls		
<b>Set Up Controls:</b>	(Locked) Autosetup + full OSD menu via pushbuttons		
<b>Connectors:</b>	Back of monitor		
<b>Power Supply:</b>	90 - 260V AC +/- 10%		
<b>Power Consumption:</b>	20W (Max)	<b>Part Numbers:</b>	
<b>Environmental:</b>		Part number:	29LM081003
Storage Temp:	-20 to 55°C		
Operating Temp:	-5 to 45°C		

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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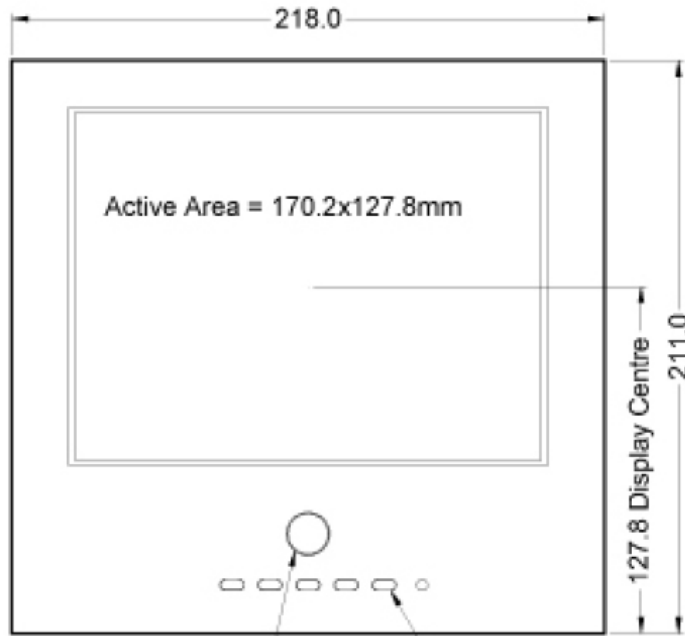


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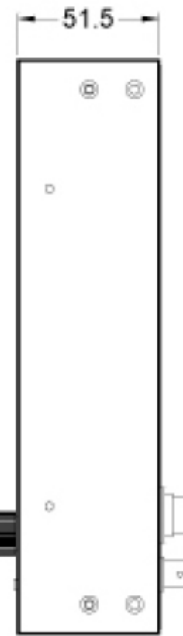
29LM081003

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FRONT VIEW



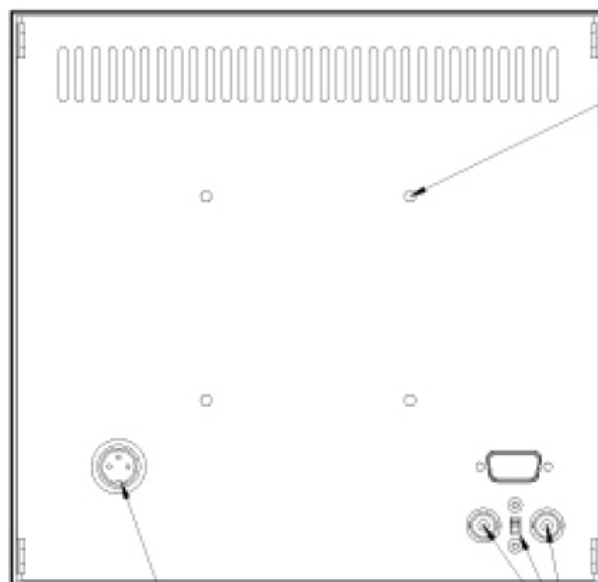
SIDE VIEW



LCD Backlight Control

Picture Controls (With Lock-out)

REAR VIEW



M4 Fixings on VESA Standard 75mm Centres.

All dimensions in millimetres (Not to scale)