

The 29LWC20DMAO/1 Industrial LCD monitor has been designed as a replacement for 20" CRT monitors.

Ease of integration into a wide range of Measurement, Instrumentation and Human-Machine interface applications has been a key consideration.

KME has designed a rugged LCD monitor module, of minimum width, to match the dimensions of its 20" CRT monitor chassis. The monitor is housed in a rugged metal case with rear fixing points. The LCD module is ventilated for best reliability when mounted within the OEM enclosure. EMC considerations include the use of a metal shield over the front of the LCD panel. Toughened, non-glare safety glass protects the LCD.

The A/D board has been designed to accept a wide range of signal timings from 15kHz up to SXGA standard, including CGA & EGA legacy signals. Set-up controls for fine-tuning 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.

### Features

- Minimum Width (20" CRT Monitor dimensions)
- CGA/EGA/VGA/SXGA compatible
- Analogue Video inputs via BNC/15HD
- TTL Inputs via 9D- 15D Accessory Cable
- Pre-Programmed for non-standard Legacy signals
- Rear Fixings for CRT Chassis Mounting

## 19" LCD Chassis Replacement Monitor for 20" CRT 29LWC20DMA01



Specifications: see next page

Specifications		
TFT Characteristics	Type Max. Resolution Active Display Area Contrast Ratio Brightness Viewing angles (at CR>10) Backlight life Nr. of colours Clock rate	AM Colour TFT 1280 x 1024 pixels 376 x 301 mm 1000:1 typical 250 cd/m <sup>2</sup> typical 140°H, 140°V 50,000 hrs typical 16 million 150MHz max
Input connectors	9D, 15D, BNC x 5	
Video Signal	Analog RGB 0.7-1.0Vp-p	or TTL >2.75Vp-p
Signal Sync	Separate H&V (+/-ve) TTL	or Composite (-ve) TTL or Sync-on-Green (-ve) 0.3V
Synchronisation Range	Horizontal scan Vertical scan	15 to 60kHz 40 to 100Hz
Multiscan Support	Fast Scan Support	1280 x 1024 SXGA 1024 x 768 XGA 800 x 600 SVGA 640 x 480 VGA
Power supply	90 - 260V AC	
Power consumption	50W (Max)	
Environmental	Storage temp. Operating temp.	-20°C to 60°C 0°C to 50°C
Weight	9 kg approx	
Controls (On Screen Display buttons at rear)	Brightness, Contrast, H/V Position & Size, Frequency, Frequency Fine, Colour	
Part numbers		
Model	29LWC20DMA01/1	

Specifications are subject to change without notice.

## • Monitors

Desktop Monitors  
Large screen Monitors  
Custom-made Monitors  
19" Rack Mount Monitors  
Rear Mount Monitors  
Monitors for Panel Mount  
Monitors for VESA Mount  
Kiosks  
Accessories

## • Monitors – Specific applications

Stainless Steel Monitors  
Car Displays  
Marine Monitors  
Military Monitors  
Replacement Monitors  
Train Monitors

## • Panel PC's

High Performance Systems  
Custom made Panel PC's  
Low Power Systems  
Extreme environments

## • Pointing devices

Accessories  
Touchpads  
Trackballs  
Trackball Modules  
Joysticks  
Custom made Pointing Devices

## • Keyboards

Desktop Keyboards with or without pointer  
Built-in Keyboards with or without pointer  
Cables & Connectors  
Custom made Keyboards



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