

The 29LW12NE11UN series of monitors have been designed for industrial applications in the Control field and other users that require a compact replacement for monochrome CRT monitors with a small footprint, high brightness display and good viewing angles. The rugged, metal construction of the monitors ensures simple retro-fit replacement.

The KME A/D board used 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 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.

Analogue & TTL signals are accepted via a 10w edge connector.

*The 12NE series is a lower cost version of the 12E range, with the monitor having no Safety Glass or Front Cover.*

**Features**

- Monochrome LCD for CRT replacement
- Simple plug - and-play design
- High brightness / high contrast TFT panel
- Programmable for non-standard Legacy signals
- 12V DC operation
- OSD controls for maximum versatility

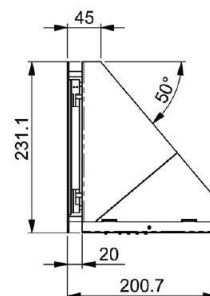
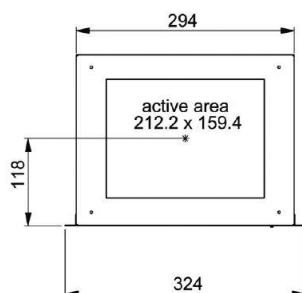
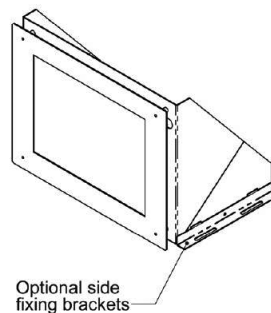
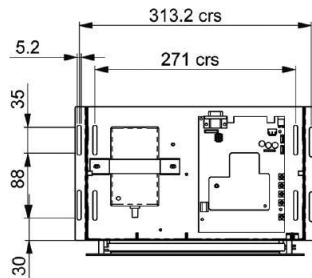
**12" Monochrome  
CRT Replacement  
29LW12NE11UN**



Specifications: see next page

Specifications		
TFT Characteristics	Panel size Nr. of colours Max resolution Active display area Brightness Backlight life Contrast ratio Viewing angles Input connectors	10.4" diagonal ( <i>No safety glass or front cover</i> ) 262k 640 x 480 pixels 211.2(w) x 159.4(h) mm 220cd/m <sup>2</sup> 50,000 hours 100:1 typical 140°H, 110°V 10w Edge
Video Signal	Analog RGB 0.7-1.0Vp-p, TTL (3 bit)	
Signal Sync	Separate H&V (+/-ve) TTL	or Composite (-ve) TTL or Sync-on-Green (-ve) 0.3V p-p
Synchronisation Range	Horizontal scan Vertical scan	15 to 32kHz 40 to 70Hz
Multiscan Support	Fast Scan Support	640 x 480; 640 x 400; 640 x 350 & other programmed timings in 15-32kHz range
Power supply / Consumption	12V DC / 25W typical	
Clock Rate	50MHz max	
Environmental	Storage temp. Operating temp.	-20°C to 70°C 0°C to 50°C
Dimensions	201(l) x 294(w) x 231(h) mm	
Controls	(On Screen Display buttons at rear)	Brightness, Contrast, H/V Position & Size, Frequency, Frequency Fine
Part numbers		
Model	29LW12NE11UN/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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