

FLAT PANEL MONITORS

29LW05(11UN) Series

5.0" MONOCHROME CRT REPLACEMENT

DISPLAY

No. Colours:	262k
Max. Resolution:	640 x 480 pixels
Active Display Area:	116.16(w) x 87.12(h)
Backlight:	LED
Backlight Life:	50,000 hours typical
Brightness:	220cd/m ²
Contrast Ratio:	300:1
Viewing Angles:	140°(h), 100°(v)
Panel Size:	5.7" diagonal

SIGNAL INPUTS

Video:	Analog RGB 0.7-1.0Vp-p, TTL (3bit)
Input Connector:	10w Edge
Sync. Type/Level:	Separate H&V(+/-ve) TTL or Composite(-ve) TTL or Sync-on-Green(-ve) 0.3V p-p

Multiscan Support	640 x 480 VGA; 640 x 400; 640 x 350 & other programmed timings in 15-32kHz range
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Horizontal Scan:	15 – 32kHz
Vertical Scan:	40 – 70Hz
Clock Rate:	50MHz max.
Controls:	Brightness, Contrast, (On Screen Display buttons at rear) H/V Position & Size, Frequency, Frequency Fine,

POWER INPUTS

AC Model:	External AC/DC Power Pack 110/230Vac 50/60Hz
DC Model:	12Vdc
Connector:	Concentric / 10w edge
Power Consumption:	15W typical

PHYSICAL / ENVIRONMENTAL

Dimensions (approx):	222(l) x 128(w) x 118(h) mm
Operating Temp:	0° to 50° C
Storage Temp:	-20° to 70° C

PART NUMBERS

AC Model:	29LW05NA11UN
AC (with protective glass):	29LW05A11UN
DC Model:	29LW05NE11UN
DC (with protective glass):	29LW05E11UN

VGA & Old Legacy Signals



- **Monochrome LCD for CRT replacement**
- **Simple plug-and-play design**
- **High Brightness/High Contrast TFT panel**
- **15 to 32kHz Horizontal Scanning range**
- **40 to 70 Hz Vertical Scanning range**
- **Programmable for non-standard Legacy signals**
- **12Vdc Operation**
- **OSD Controls for maximum versatility**

The **29LW05(11UN)** 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.

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification.
All trademarks acknowledged. 29lw05ne11un 03/2007

MONITORS & DISPLAY MODULES



INTELLIGENT DISPLAY SOLUTIONS

