

## FOR 10" CRT

29LV081A71UN/1

Electrical Description	
<b>TFT Characteristics:</b>	
Type:	AM colour TFT
No. of colours:	256k
Max resolution:	800 x 600 pixels
Active display area:	170.4 x 127.8mm
Brightness:	350cd/m <sup>2</sup>
Backlight life:	50,000 hours
Contrast ratio:	500:1 typical
Viewing angles:	120°H, 100°V
Input connectors:	15-pin HD female
<b>Video Signal:</b>	Analog RGB 0.7Vp-p OR TTL RGB > 2.75Vp-p (via special TTL accessory cable)
<b>Signal Sync:</b>	Separate H&V (+/-ve) TTL OR Composite(-ve) TTL OR Sync-on- green (-ve) 0.3V
<b>Synchronisation Range:</b>	Horizontal scan: 15kHz - 60kHz Vertical scan: 40-100Hz
<b>Multiscan Support:</b>	640 x 480 VGA 800 x 600 SVGA + pre-programmed timings in 15-30kHz range
<b>Power Supply:</b>	90 - 260V AC DC option available
<b>Clock rate:</b>	80MHz max
<b>Power Consumption:</b>	25W max
Physical / Environmental	
<b>Front Panel:</b>	Black painted aluminium
<b>Dimensions (approx):</b>	246.6 x 191.4 x 68.5mm
<b>Weight:</b>	2.5kg approx
<b>Operating Temp:</b>	0 to 50°C
<b>Storage Temp:</b>	-20 to 60°C
<b>Part Numbers:</b>	
<b>Model Number:</b>	29LV081A71UN/1
<b>Optional Model:</b>	29LV081E71UN/1 (12V DC)

Note: The Active Display Area on a 10" Colour CRT is typically 175 x 130 mm. On the 8.4" TFT it is 170.4 x 127.8mm maximum.



- For 10" colour CRT monitor replacement
- Front plate to suit 10" CRT fixing lug
- Original CRT chassis stays in place
- Analogue & TTL video inputs
- Non-standard legacy signals easily programmed
- Non glare acrylic for TFT protection
- Optional touchscreen integration

The 29LV081A71UN/1 Industrial LCD monitor has been designed as replacement for 10" CRT monitors now that supplies of 10" CRTs are difficult to obtain.

KME has designed a rugged LCD monitor module, of minimum width, to match the dimensions of many 10" CRT monitor chassis. When the CRT is removed from the existing chassis metalwork the LCD monitor (mounted on a metal panel with fixing holes to match the CRT Lugs) can be fitted in place.

A wide range of signal timings from 15kHz up to SVGA standard, including CGA & EGA legacy signals can be accepted by the LCD monitor. 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.

Accessory cables for 9D-15D and RCA-15D are available, as are special cables for non-standard interfaces.

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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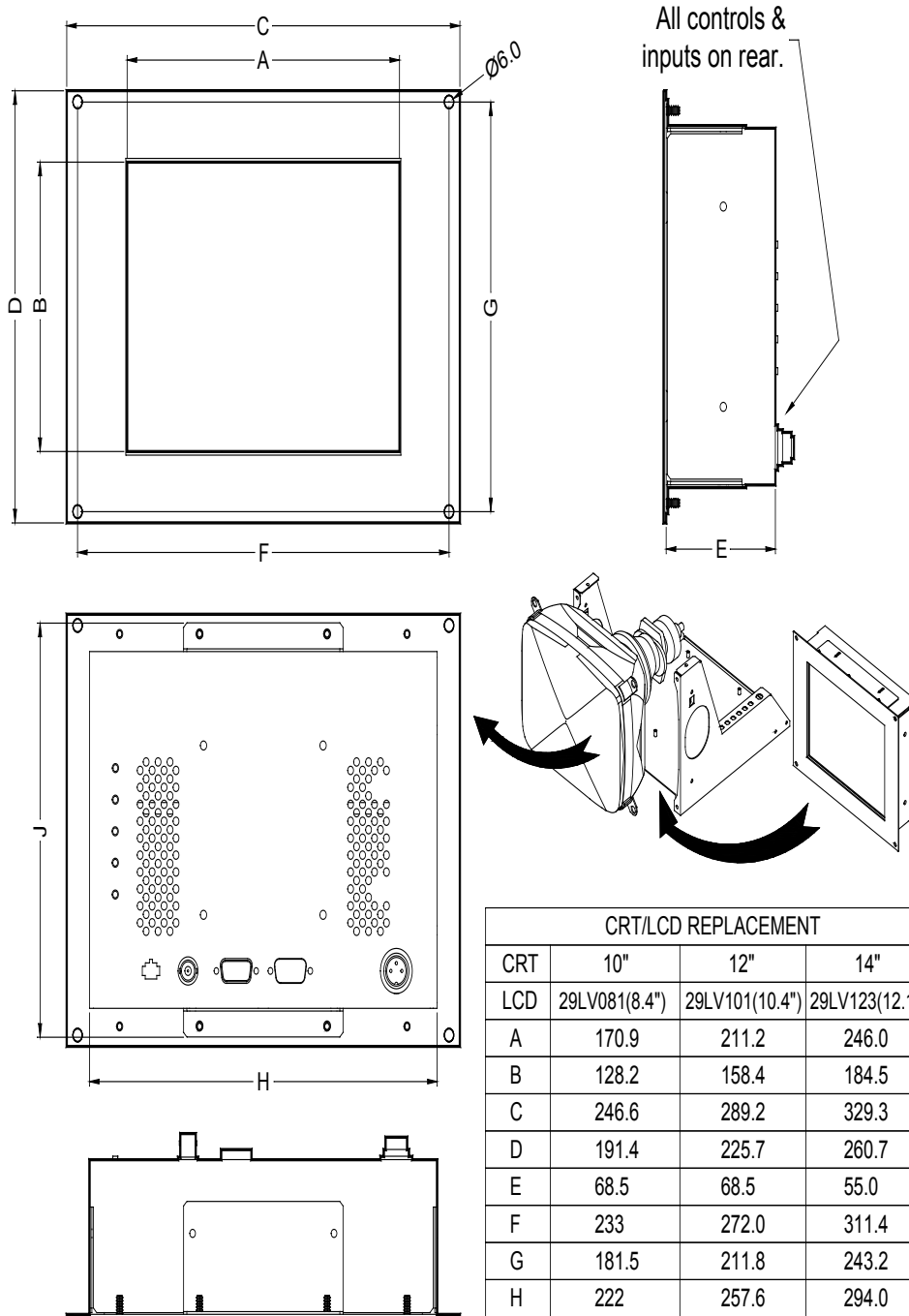


# 8.4" LCD CHASSIS REPLACEMENT

# DATASHEET

## FOR 10" CRT

29LV081A71UN/1



CRT/LCD REPLACEMENT			
CRT	10"	12"	14"
LCD	29LV081(8.4")	29LV101(10.4")	29LV123(12.1")
A	170.9	211.2	246.0
B	128.2	158.4	184.5
C	246.6	289.2	329.3
D	191.4	225.7	260.7
E	68.5	68.5	55.0
F	233	272.0	311.4
G	181.5	211.8	243.2
H	222	257.6	294.0
J	183.5	221.9	238.0

All dimensions in Millimetres  
(Not to scale)

