

# FLAT PANEL MONITORS

**29LP081(61MP) SERIES**

**8.4" LCD PANEL MOUNT MONITORS**

## DISPLAY

Type:	AM p-Si TFT
No. Colours:	256k
Resolution	800 x 600 pixels
Active Display Area:	170.4 x 127.8mm
Display Protection	Toughened Glass
Backlight:	Dual Edge CFL x 2
Backlight Life:	50,000 hours typical
Brightness:	400 cd/m <sup>2</sup> typical
Contrast Ratio:	250:1
Viewing Angles:	110° H , 90° V

## SIGNAL INPUTS

### Input A:

Video:	Analog RGB 0.7-1.0Vp-p
Input Connector:	15-pin HD Female
Sync. Type/Level:	Separate H&V (+/-ve) TTL

### Input B:

Video:	PAL or NTSC standard
Input Connector:	BNC (75R)
Sync. Type/Level:	Composite (CVBS) 1Vp-p

Multiscan Support:	800 x 600 SVGA 640 x 480 VGA
Horizontal Scan:	15 - 38kHz
Vertical Scan:	50 - 70Hz

User Controls:	None
Set Up Controls:	(At rear) Autoseup + full OSD menu via pushbuttons

## POWER INPUTS

AC Model: (Standard)	External AC/DC Power Pack 110/230Vac 50/60Hz.
DC Model:	12Vdc at 0.8A approx.
Connector:	2.1mm
Power Consumption:	20W typical

## PHYSICAL/ENVIRONMENTAL

Dimensions (approx)	260 x 195 x 60 mm
Panel Fixings:	Threaded Inserts
Weight (approx):	3.0kg. approx
Panel Front:	Painted steel
Operating Temp:	0 to 50° C
Storage Temp:	-20 to 60° C

## PART NUMBERS

Standard Model:	29LP081A61MP
Touchscreen Model: (Resistive)	29LP081AR61MP

## Compact VGA/SVGA Displays



- **High Brightness & Long Life TFT Panel**
- **SVGA (800 x 600 pixels ) resolution**
- **P-Si technology has good shock/vibration resilience**
- **PAL/NTSC composite input as standard**
- **Front Panel Seal to IP65**
- **Resistive Touchscreen option**
- **Provision for remote OSD controls**
- **A No Frills Industrial Design Concept**

The **29LP081(61MP)** Series of LCD Panel Mount monitors has been designed for the OEM / System Builder who must integrate a compact VGA/SVGA or PAL/NTSC colour display into limited space on a panel or bulkhead.

A strong metal chassis encloses all signal and backlight electronics. A separate AC power pack can be attached to the rear of the chassis or located elsewhere behind the panel. The A/D board has been designed for both PC and Video signals and automatically sets a crisp display. Controls for fine tuning, brightness & contrast are located at the rear of the monitor. Once set, no further adjustments should be required, and the last setting is stored in memory. A socket is provided at the rear for remote brightness/contrast controls, if required.

The chassis is securely fixed to a 3mm thick steel front panel. A toughened glass plate provides protection to the TFT panel. A compressible gasket around the perimeter of the panel provides IP65/NEMA sealing of the panel/bulkhead interface. Bulkhead fixing is by means of threaded inserts at the rear of the panel.

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged. 29lp081(61mp)1 09/2004

MONITORS & DISPLAY MODULES



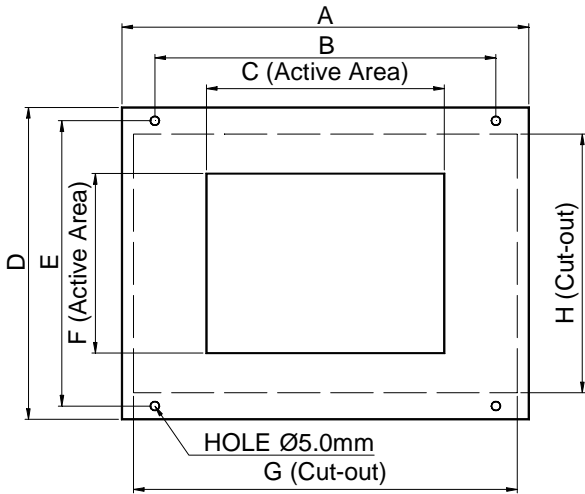
INTELLIGENT DISPLAY SOLUTIONS



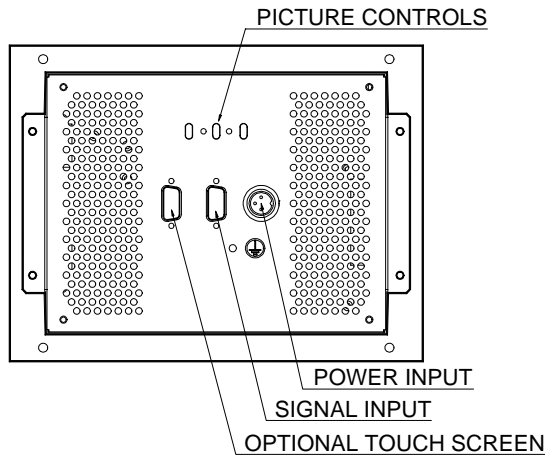
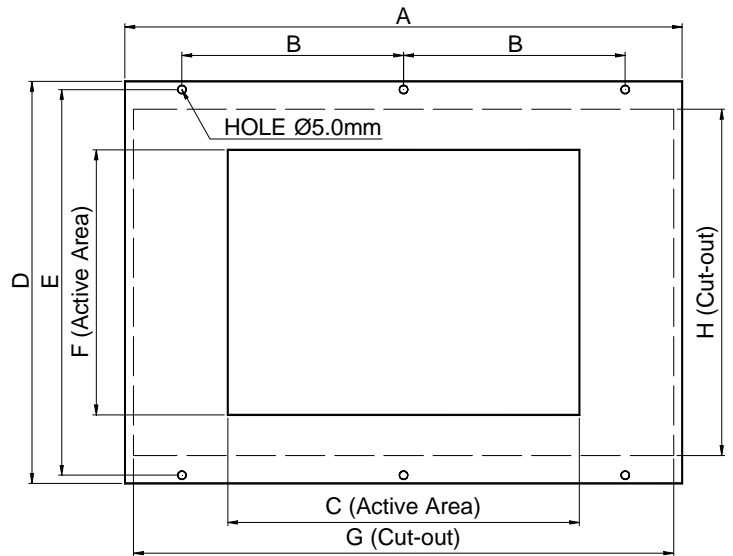
# 29LP SERIES

# PANEL MOUNT TFT MONITORS

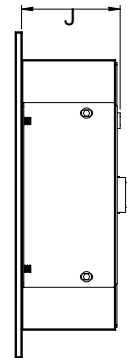
FRONT VIEW 6.5" & 8.4"



FRONT VIEW 10.4"



REAR VIEW (6.5" & 8.4")



SIDE VIEW (6.5" & 8.4")

Dimensions (mm)	PANEL SIZE		
	6.5"	8.4"	10.4"
A	235	260	336
B	215	240	158
C	132.5	170.6	211.2
D	176	195	250
E	160	178	230
F	99.4	127.8	158.4
G	217 ± 1.5	242 ± 1.5	318 ± 1.5
H	146 ± 1.5	164 ± 1.5	212 ± 1.5
J	55 Max	60 Max	55 Max

Design Notes:  
 Panel Colours are RAL 7032.  
 Panel Metal Thickness is 3mm  
 (Not to Scale)

29LP0610-02 06/2000

**Kent Modular Electronics Limited**  
 611 Maidstone Road, Rochester, Kent ME1 3QL, UK  
 Tel: +44 (0) 1634 830123 Fax: +44 (0) 1634 830619  
 E-mail: sales@kme.co.uk URL: <http://www.kme.co.uk>