

12.1" LCD PANEL MOUNT MONITOR

29LP121A61PY

DATASHEET

HIGH QUALITY, LCD PANEL MOUNT MONITOR

The 29LP121A61PY Series of LCD Panel Mount monitors has been designed for the OEM / System Builder who must integrate a compact VGA colour display into limited space on a panel or bulkhead.

A strong metal chassis encloses all signal and backlight electronics. 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 studs at the rear of the panel.

SOLUTIONS FOR PANEL MOUNT MONITORS

- > **Rugged metal construction with good stability**
The LCD monitor has been designed with solidity, being housed in a compact metal construction with a toughened glass protection screen.
- > **Optional touch screen facility**
A touch screen can be integrated into the monitor
- > **Inputs**
All monitors have RCA, 4 pin mini DIN
- > **IP65 sealing**
The front panel is sealed to IP65 rating



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Electrical Description		Mechanical Description	
TFT Characteristics:	Type:	a-si TFT active matrix	Dimensions: Monitor: 302 x 380 x 55 mm Weight: 3kg approx
	Max Resolution:	800 x 600 pixels	Input: RCA, 4 pin mini DIN
Active Display Area:	246 x 184.5 mm	Housing: Painted aluminium	User Controls: Rear mounted
Response Time:	25ms average, typical	On Screen buttons: Brightness, Contrast, OSD	
Contrast Ratio:	350:1 typical		
Brightness:	350cd/m2 typical		
Viewing Angles (at CR>10):	160° H , 160° V		
Backlight Life:	50,000 hours typical		
No. Colours:	256k		
Video Signal:	PAL / NTSC		
Signal Sync:	Composite (CVBS) 1V p-p		
Synchronisation Range:			
Horizontal scan:	15kHz (PAL / NTSC)		
Vertical scan:	50 to 60Hz		
Power Supply:	90 - 260V AC 50/60Hz		
Power Consumption:	30W (Max)		
Environmental:	Storage Temp: -20 to 70°C Operating Temp: 0 to 50°C	Part Numbers:	
		Part number:	29LP121A61PY
		AC power pack:	20BK0234H
		Touch screen Model RS232:	29LP121AR61PY

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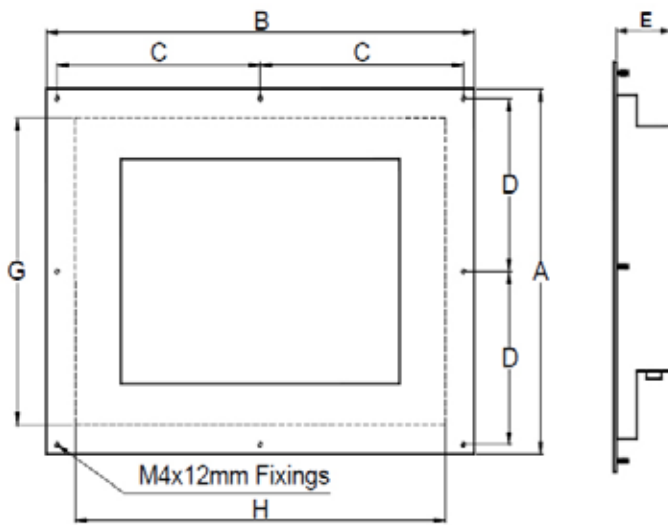


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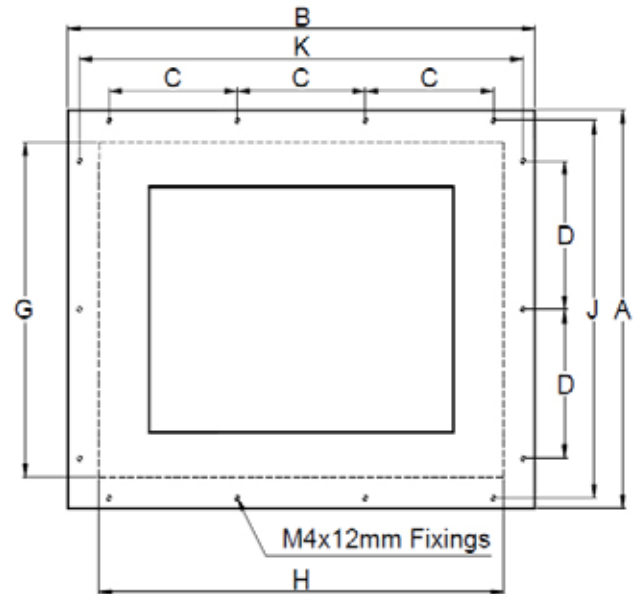
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FRONT VIEW 12.1" & 15.0"



FRONT VIEW 17.0" & 19.0"



Design Notes:

1. 1. Panel Colour is normally RAL 7035.
2. 2. Panel / Rack Metal Thickness is 3mm

(Not to Scale)

Dimensions (mm)	PANEL MOUNT			
	12.1"	15.0"	17.0"	19.0"
A	302	342	400	400
B	380	428	483	483
C	180.5	206	130	130
D	143	163	150	150
E	55	60	55	60
G (Panel Hole)	264	298	334	366
H (Panel Hole)	343	390	404	436
J (Fixing Studs)	-	-	384	384
K (Fixing Studs)	-	-	467	467