

## LF1246E

12.1" LED backlit  
DURApixel Hibrite  
TFT LCD display

### FEATURES

- The 12.1" LF1246E offers SVGA (800 x 600) resolution
- 1100:1 Contrast Ratio.
- 1000 cd/m<sup>2</sup> Backlight Brightness.
- LVDS interface.
- 18.5W power consumption.
- -20<sup>0</sup> ~ +60<sup>0</sup>C operating temperature range

### OPTIONS:

- Video controller boards for RGB, DVI, Composite, Component and VGA inputs available.
- Touch Sensors and Controllers.



The LF1246E TFT LCD with LED backlighting is a low power consumption display that is sunlight readable and is ideal for high ambient light industrial applications and outdoor Digital Signage solutions. Available with optional Advanced Optibond Technology (AOT) to enhance Contrast Ratio and reduce Reflection.

The LF1246E is also available with Avisum's range of video controllers, touch screens and Digital Media Players.

<b>LCD Display</b>	12.1" dia. TFT with LED Backlight
<b>Brightness</b>	1000 cd/m <sup>2</sup>
<b>Pixel Pitch (mm)</b>	0.3075(H) x 0.3075(V)
<b>Resolution</b>	800 x 600(SVGA)
<b>Contrast Ratio</b>	1100:1
<b>Display Area</b>	245.8 x 184.3mm
<b>Response Time (Typ.)</b>	25ms
<b>Display Colours</b>	262,144 colours
<b>Viewing Angle</b>	140 <sup>0</sup> (H), 140 <sup>0</sup> (V)
<b>Sync</b>	LVDS
<b>Anti-reflective Glass</b>	Optional
<b>Power Consumption</b>	18.5W
<b>Dimensions</b>	272 x 204.6 x 13.3mm (W x H x D)
<b>Weight</b>	752g
<b>LED Driving Board</b>	LID12A
<b>LED Life</b>	20,000 hrs
<b>Operating Temperature</b>	-20 <sup>0</sup> C ~ 60 <sup>0</sup> C
<b>AOT</b>	Optional