

**[Features]**

- ColorXcell**<sup>\*1</sup>
- High contrast (900:1)**
- 16.77M/262K colors (LVDS RGB 8-bit/6-bit)**
- Wide temperature (-30°C to +80°C)**
- Reversible-scan direction**
- Long-life LED backlight built-in LED driver**<sup>\*2</sup>



<b>Pixel</b>	800(H) x 600(V)
<b>Display area</b>	211.2(H) x 158.4(V)mm 10.4 inches (26cm)
<b>Display color</b>	16,777,216 colors/ 262,144 colors
<b>Pixel pitch</b>	0.264(H) x 0.264(V)mm
<b>Luminance</b>	400cd/m <sup>2</sup> (typ.)
<b>Contrast ratio</b>	900:1 (typ.)
<b>Viewing angle</b> <sup>*3</sup>	Up: 80°,Down: 80°,Left: 80°,Right: 80°
<b>Response time</b> <sup>*4</sup>	18ms (typ.)
<b>Signal system</b>	LVDS 1-port RGB 8-bit/6-bit
<b>Power supply voltage</b>	LCD signal processing board:3.3V, LED driver:12.0V
<b>Power consumption</b>	4.7W (typ.)
<b>Operating temperature</b>	-30°C to +80°C
<b>Storage temperature</b>	-30°C to +80°C
<b>Polarizer surface</b>	Antiglare
<b>Module size</b>	243.0 (typ.) x 185.1 (typ.) x 11.0 (max.)mm
<b>Weight</b>	430g (typ.)
<b>Backlight</b>	LED backlight(Replaceable)
<b>LED driver</b>	Built in

\*1: ColorXcell Technology (Color Enhancement)

\*2 100k hours long life LED

\*3: Contrast ratio ≥ 10:1

\*4: Ton+Toff (10%←→90%)

\*All information is subject to change without notice.

\*Screen images are simulated.

<Tianma Japan web site>

**Japanese** <https://www.tianma.co.jp/jp>

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