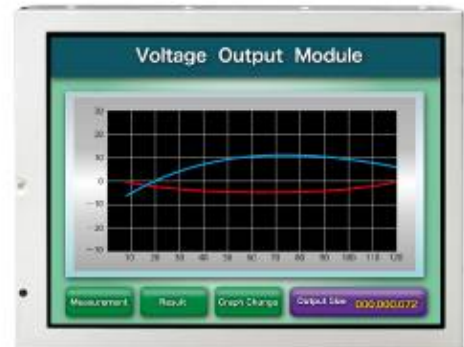


**[Features]**

- **ColorXcell**<sup>\*1</sup>
- High luminance (600cd/m<sup>2</sup>)
- High contrast (800:1)
- 16.77M/262K colors (LVDS RGB 8-bit/6-bit)
- Wide temperature(-30°C to +80°C)
- Reversible-scan direction
- Long-life LED backlight<sup>\*2</sup>



<b>Pixel</b>	640(H) x 480(V)
<b>Display area</b>	132.48(H) x 99.36(V)mm 6.5 inches (17cm)
<b>Display color</b>	16,777,216 colors/262,144 colors
<b>Pixel pitch</b>	0.207(H) x 0.207(V) mm
<b>Luminance</b>	600cd/m <sup>2</sup> (typ.)
<b>Contrast ratio</b>	800:1 (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>	3.3V
<b>Power consumption</b>	2.6 W (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>	W 153.0 (typ.) x H 118.0 (typ.) x D 8.7 (max.) mm
<b>Weight</b>	150g (typ.)
<b>Backlight</b>	LED backlight (Replaceable)
<b>LED driver</b>	65PW01F

\*1: ColorXcell Technology (Color Enhancement)

\*2 70k 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>

**English** <https://www.tianma.co.jp/en>