

[Features]

- Ultra-wide viewing angle (Adoption of Ultra-Advanced Super Fine TFT (UA-SFT))
- High luminance
- High contrast
- **ColorXcell** technology (Color Enhancement)
- Wide temperature range
- LVDS interface
- Reversible-scan direction
- Selectable 8-bit or 6-bit digital signals for data of RGB
- Narrow border
- Long life LED backlight^{*1}
- Replaceable lamp for backlight



Pixel	1,280(H) x 800(V)
Display area	261.12(H) x 163.2(V) mm (12.1 inches (31cm) diagonal)
Display color	16,777,216 colors/ 262,144 colors
Pixel pitch	0.204(H) x 0.204(V) mm
Luminance	450cd/m ² (typ.)
Contrast ratio	1,000:1 (typ.)
Viewing angle ^{*2}	Up: 88°, Down: 88°, Left: 88°, Right: 88°
Response time ^{*3}	25ms (typ.)
Signal system	LVDS 1port RGB 8-bit/6-bit
Power supply voltage	3.3V
Power consumption	6.45W (typ.)
Operating temperature	-20°C to +70°C
Storage temperature	-30°C to +80°C
Polarizer surface	Clear
Module size	W 277.7 (typ.) x H 180.6 (typ.) x D 9.2 (max.) mm
Weight	460g (typ.)
Backlight	LED backlight (Replaceable)
LED driver	104PW03F

*1: 70k hours long life LED

*2: Contrast ratio ≥ 10:1

*3: 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>