

[Features]

- Ultra-wide viewing angle (Super Fine TFT (SFT))
- Wide color gamut
- High luminance
- High contrast
- Low reflection
- High resolution QXGA (2,048 × 1,536 pixels, 1 pixel consists of 3 sub-pixels)
- 256 gray scale in each R, G, B sub-pixel (8-bit), 16,777,216 colors
- LVDS interface
- Small foot print
- Long life LED backlight with an LED driver^{*1}



Pixel	2,048(H) x 1,536(V)
Display area	433.152(H) x 324.864(V)mm 21.3 inches (54cm)
Display color	16,777,216 colors
Pixel pitch	0.2115(H) x 0.2115(V) mm
Luminance	800cd/m ² (typ.)
Contrast ratio	1,400:1 (typ.)
Viewing angle^{*2}	Up: 88°, Down: 88°, Left: 88°, Right: 88°
Response time^{*3}	40ms (typ.)
Signal system	LVDS 4-port RGB 8-bit
Power supply voltage	LCD signal processing board: 12.0V, LED driver: 12.0V/18.0V
Power consumption	58.2W (typ.)
Operating temperature	0°C to +60°C
Storage temperature	-20°C to +60°C
Polarizer surface	Antiglare
Color gamut^{*4}	72% (typ.)
Module size	W 457.0 (typ.) x H 350.0 (typ.) x D 23.0 (max.)mm
Weight	2,700g (typ.)
Backlight	LED backlight
LED driver circuit	Built in

*1: 70k hours long life LED

*2: Contrast ratio ≥ 10:1

*3: Ton+Toff (10%←→90%)

*4: Against NTSC color space

*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>