

ITSX93

*38.1cm (15.0 inch) SXGA+(1400x1050)
Color TFT LCD Module*



Highlight:

Features

- SXGA+ 1400x1050 pixels (1.47M pixels)
- 150cd/m² typ. Brightness
- Native 262K colors (RGB 6-bit data driver)
- 318.5mmx241.5mmx7.5mm typ.
- Using the Post Spacer
- 4:3 Aspect ratio
- 1.87 times as many pixels as XGA (1024x768)

Applications

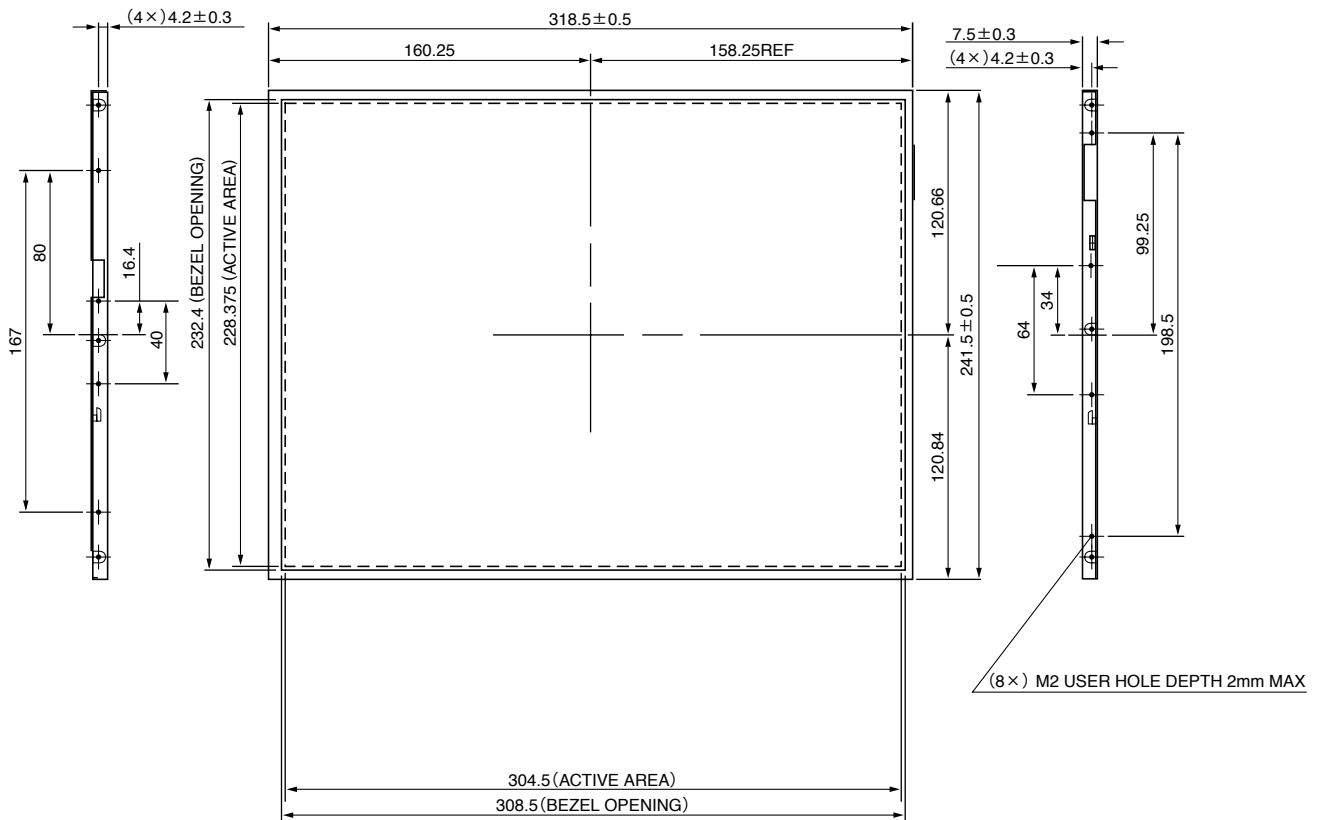
- Notebook PCs
- KIOSK Application
- Measuring instrument

ITSX93 is a 38.1cm (15.0inch) color TFT LCD module, and designed for a LCD monitor style display unit. The screen format and electrical interface are intended to support SXGA+ (1400x1050) screen. Support color is native 262K colors (RGB 6-bit data driver). All input signals are LVDS (Low Voltage Differential Signaling) interface compatible. Displaying beautiful pictures using the Post Spacer*.

*Post Spacer : Post Spacer is a new technology which keeps a gap between Color filter and TFT array using organic column instead of conventional spacer balls.

Specification

Screen Diagonal(cm)	38.1 (15.0 inch)
Active Area(mm)	304.5 (H) x 228.4 (V)
Pixel Number	1400 (x3) x 1050
Pixel Pitch(mm)	0.2175 (per one triad) x 0.2175
Pixel Arrangement	R.G.B. Vertical Stripe
Display Mode	Normally White
Contrast Ratio	200:1 (typ.)
Optical Rise/Fall Time(msec)	30 (typ.), 50 (Max.)
Nominal Input Voltage VDD(V)	+3.3 (typ.)
White Luminance(cd/m ²)	150 (typ.)
Power Consumption (W/O Backlight Power)	2.0 (typ.), 2.8 (Max.)
Weight(grams)	740 (typ.)
Physical Size(mm)	318.5(W) x 241.5(H) x 7.5(D) (typ.)
Electrical Interface	Odd/Even R/G/B Data(6bits) 3sync signals, Clock LVDS dual
Support Color	Native 262K Colors (RGB 6-bit data driver)
Temperature Range(degreeC)	
Operating	+0 to +50
Storage(Shipping)	-20 to +60



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