

# ITSX94

*46.0cm (18.1 inch) SXGA (1280x1024)  
Color TFT LCD Module*



## Highlight:

### Features

- SXGA 1280x1024 pixels
- 235cd/m<sup>2</sup> typ. Brightness
- High contrast as 300:1
- Native 16M colors (RGB 8-bit data driver)
- 389mmx317.2mmx35.5mm Max.
- Using the Post Spacer
- Wide Viewing Angle as 160 degrees (up/down, right/left)
- The narrowest bezel

### Applications

- Monitors
- KIOSK Application
- Measuring instrument

ITSX94 is a 18.1"(46.0cm)color TFT LCD module, and designed for a LCD monitor style display unit. The screen format and electrical interface are intended to support SXGA (1280x1024) screen. Support color is native 16M colors (RGB 8-bit data driver). All input signals are LVDS (Low Voltage Differential Signaling) interface compatible. Displaying beautiful pictures using the Post Spacer\*.

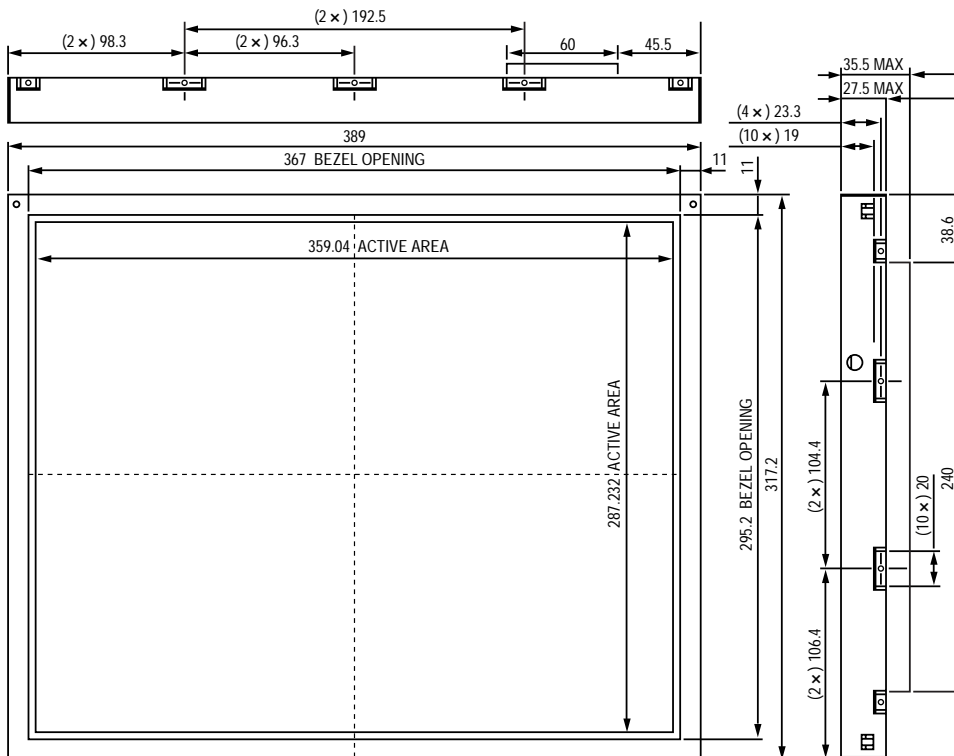
\*Post Spacer : Post Spacer is a new technology which keeps a gap between Color filter and TFT array using organic column instead of conventional spacer balls.

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### Specification

Screen Diagonal(cm)	46.0 (18.1 inch)
Active Area(mm)	359.0(H) x 287.2(V)
Pixel Number	1280(x3) x 1024
Pixel Pitch(mm)	0.2805(per one triad) x 0.2805
Pixel Arrangement	R.G.B. Vertical Stripe
Display Mode	Normally Black
Contrast Ratio	300:1 (typ.)
Optical Rise/Fall Time(msec)	Respective : 25 (typ.each) ** Continuous: 50 (typ.total) **
Nominal Input Voltage(V)	+12 +/- 5%
White Luminance(cd/m <sup>2</sup> )	235 (typ.)
Power Consumption(W)	50 max, 44 (typ.)
Weight(grams)	3,300 (typ.)
Physical Size(mm)	389.0(W) x 317.2(H) x 35.5(D) (Max.)
Electrical Interface	Odd/Even R/G/B Data(8bits) 3sync signals, Clock LVDS Dual
Support Color	16M(RGB 8-bit data)
Temperature Range(degreeC)	
Operating	+0 to +50
Storage (Shipping)	-20 to +60

\*\*Luminance : Rise / Fall Time :Respective 10% -> 90%, 90%>10%  
Continuous 10% -> 90% -> 10%



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