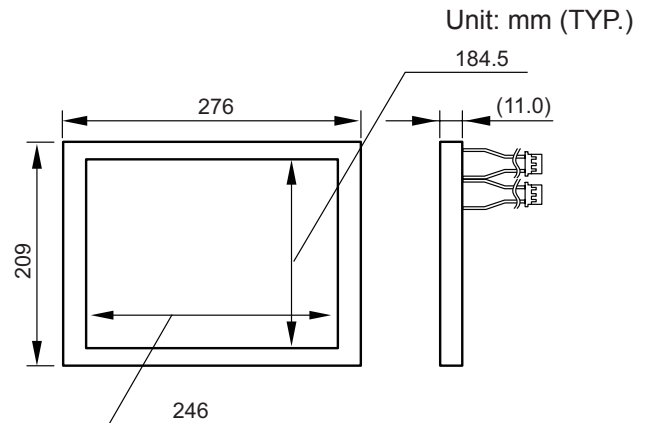# SHARP
"LQ121S7LY01"

31 cm [12.1"] SVGA TFT-LCD Module for IA (Industrial Appliance)

LQ121S7LY01

Features

- Minute reflective 12.1" SVGA
- 2.0% reflectivity realizing high visibility even in direct sunlight
- Wide viewing angle: L/R: 160°, U/D: 160°
- Mount interchangeable with LQ121S1LW01 (ASV type)
- Backlight replacement is possible (sliding type)

Outline Dimensions

Unit: mm (TYP.)

184.5
276
(11.0)
209
246

Specifications

Items	Specifications
Dot format (vertical stripe)	800 x RGB x 600 dots
Pixel pitch	0.3075 x 0.3075 mm
Outline dimensions	276 x 209 x 11 mm
Weight	(800 g)
Number of colors	262 144 colors (6-bit colors)
Viewing angle (CR ≧ 10)	(L/R: 160°, U/D: 160°)
Contrast ratio	(350 : 1)
Brightness	(200 cd/m^2)
Reflectivity	(2.0%)
Backlight	(CCFT x 2 upper lights)
Applicable connector for backlight	JST: BHR-02(8.0)VS-IN
Backlight lifetime (replacement method)	50 000 hours (sliding type)
I/F	LVDS 1-channel
Applicable connector for I/F	JAE: FI-SE20ME
Supply voltage	+ 3.3 V