Futaba

Command-type TFT-LCD Module
Low-end series 10.1 inch   RoHS

■ Features

This TFT-LCD module/control board displays content, including stored JPEG images and text with internal fonts, by way of a simple command set.
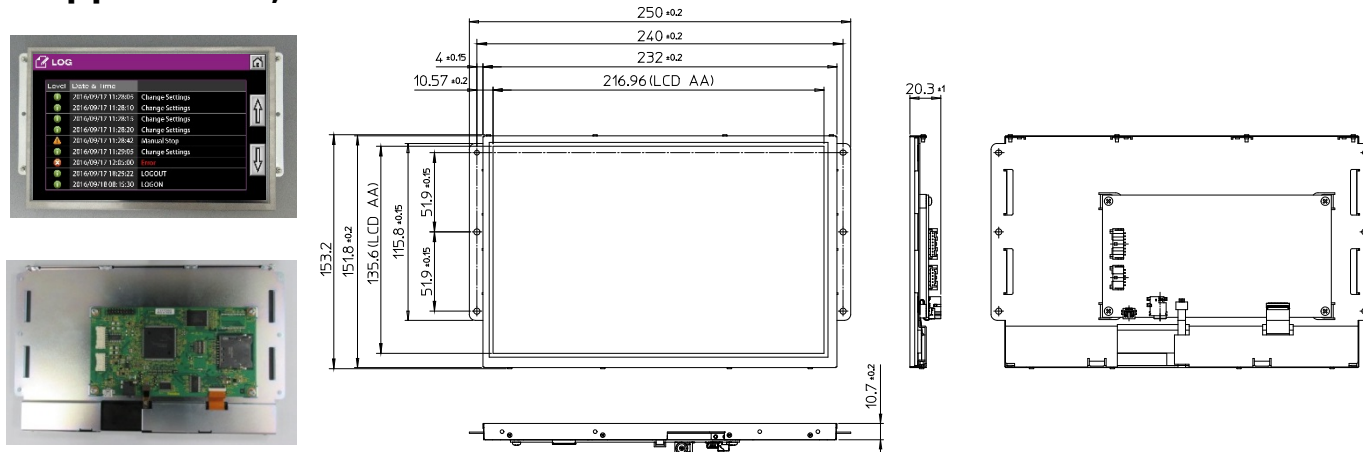
■ Specifications

Item ＼ Series		LC101LA1RC
LCD panel	Display size class [inch]	10.1 (IPS type)
	Pixels [dot]	1280 × 800 (WXGA)
	Active area [W×H mm]	216.96 × 135.60
	Luminance [c/m^2]	250
	Viewing angles [deg]	Bottom = 85, Top = 85, Left = 85, Right = 85
	Backlight type	LED
	LED lifetime [h]　※1	min. 20,000
Interface		USB 2.0 Full Speed & RS232C (115.2 kbps max.)
Touch panel	Type	resistive
	Active area [W×H mm]	228.66 × 148.40
	Surface durability [touches]	1,000,000
	Surface hardness	3H
Character		Japanese
Font code		FA UD Gothic-R
Internal memory for screen images	Full screen JPEGs	50 MB　※2
	Partial screen JPEGs	
Supply voltage [V]		12.0
Power consumption [W]		6.0
Operating temperature [℃]		-10 ～ +50
Storage temperature [℃]		-20 ～ +60
Operating temperature [%RH]　no condensation		20 ～ 90
Storage temperature [%RH]　no condensation		5 ～ 90
Outer dimension [W×H×T mm]		250 × 153.2 × 20.3
Weight [g]		approx. 600

※1: LED lifetime = hours for the module luminance to decrease to 50% of original measured brightness at Ta = 25℃.
※2: A max. of 50 MB of JPEG images can be stored and does not depend on the number of the JPEGs.
　　i.e. 200 JPEGs @ 256kB、400 JPEGs @ 128 kB、 800 JPEGs @ 64kB

■ Appearance, outer dimensions

LC101LA1RC (with touch panel)