

Command-type TFT-LCD Module

Low-end series 7.0 inch

RoHS

■ Features

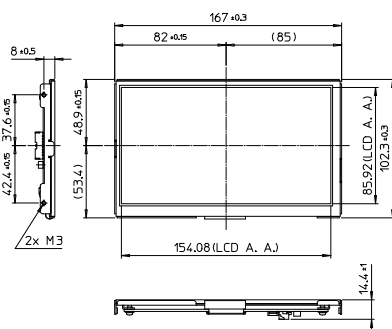
This TFT-LCD module/control board displays content, including stored JPEG images and text with internal fonts, by way of a simple command set.

■ Specifications

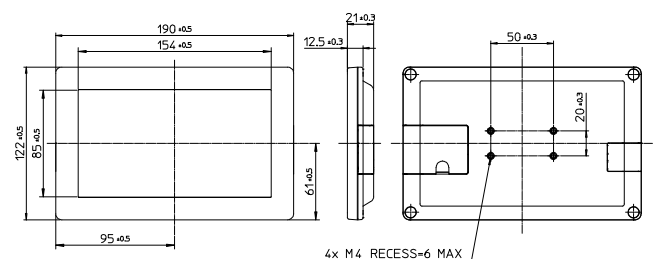
Item \ Series		LC070LB1NA	LC070LB1NB	LC070LB1RA	LC070LB1RB	AH151DA	AH151DD	AH151DB	AH151DE
LCD panel	Display size class [inch]	7.0							
	Pixels [dot]	800 × 480 (WVGA)							
	Active area [W×H mm]	154.08 × 85.92							
	Luminance [cd/m ²]	550	430		550		430		
	Viewing angles [deg]	Bottom = 60, Top = 60, Left = 70, Right = 70							
	Backlight type	LED							
	LED lifetime [h] ※1	min. 20,000							
Interface		USB2.0 Full Speed	RS232C (115.2 kbps max.)	USB2.0 Full Speed	RS232C (115.2 kbps max.)	USB2.0 Full Speed	RS232C (115.2 kbps max.)	USB2.0 Full Speed	RS232C (115.2 kbps max.)
Touch panel	Type	—		resistive		—		resistive	
	Active area [W×H mm]	—		155.08 × 86.92		—		155.08 × 86.92	
	Surface durability [touches]	—		1,000,000		—		1,000,000	
	Surface hardness	—		3H		—		3H	
Character		Japanese(kanji, katakana, hiragana, alphanumeric)							
Font code		FA UD Gothic-R							
Internal memory for screen images	Full screen JPEGs	50 (256 kB / 1 JPEG)							
	Partial screen JPEGs	200 (64 kB / 1 JPEG)							
Supply voltage [V]		5.0							
Power consumption [W]		3.5							
Operating temperature [°C]		-20 ~ +70				0 ~ +40			
Storage temperature [°C]		-30 ~ +80				-30 ~ +70			
Operating temperature [%RH]		10 ~ 80 (no condensation)							
Storage temperature [%RH]		10 ~ 90 (no condensation)							
Outer dimension [W×H×T mm]		167 × 102.3 × 14.4				190 × 122 × 21			
Weight [g]		approx. 330				approx. 580			
Case (with / without)		without case				with case			
Attaching method		—				VESA (50 × 50 mm)			

※1: LED lifetime = hours for the module luminance to decrease to 50% of original measured brightness at Ta = 25°C.

■ Appearance, outer dimensions



LC070LB1RA, B



AH151D*

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