

5.7" Quick Mount HMI/Controller: LT4301M Series

TouchPanel Operation



5.7-inch TFT Color LCD
Front Panel, Detachable Quick Mount HMI/Controller

LT4301M **5.7-inch**

Power by
GP-Pro EX

UL, CE, RoHS

Features:

- 65,536 color, LED backlit TFT color LCD Display
- Separate Front and Rear Module all for quick installation in 22mm hole
- 64-bit RISC CPU for ultra-fast screen refresh and communication
- No grid analog touch panel for improved visibility and precise part placement

- Supports a large selection of Serial or Ethernet protocols (Set up to 4 Ethernet or 3 Ethernet and 1 serial protocol.)
- USB interfaces can be used for project transfer and to connect BCR scanners, printers, and memory devices.
- Programmed with the versatile GP-Pro EX Screen Development Software
- Multiple Mounting Options Available

Specifications

Model		LT4301TM (Type-AxO)	LT4301TM (Type-DxO)
Order Numbers		PF6LMA301TADAC (Source) PF6LMA301TADAK (Sink)	PF6LMA301TADOC (Source) PF6LMA301TADOK (Sink)
Display	Size and Type	5.7" TFT Color LCD	
	Colors	16.7M colors	
	Resolution	320 x 240 pixels (QVGA)	
	Brightness Adjustment	16 levels of adjustment available via touch panel in the Configuration menu	
	Backlight	White LED adjustable on/off control	
	Area	116.2 x 86.4 mm (4.53 x 3.40 in.)	
Memory	Touch Panel	Resistive Film (technology) 1024 x 1024 pixels	
	Application	16MB FLASH EPROM (Capacity available for user application)	
	Data Backup	128KB e2SRAM	
Interfaces	Logic Program Area	128KB FLASH EPROM (equivalent to 16,384 steps) (expandable to 65,536 steps by using 1MB of user application memory)	
	Serial (COM)	x1 RS232C / x1 RS485 (PLS)	
	Ethernet	x1 10/100Base-T	
	USB	x1 (USB 2.0 Type-A), x1 (USB 2.0 Mini-B)	
I/O	CANOpen	CANopen master (Sub-ID) (supported 2014)	
	Sub-in DIO (Input)	12 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)	20 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)
I/O	Sub-in DIO (Output)	8 points (configurable 2 x PNP/Pulse)	12 points (configurable 2 x PNP/Pulse)
	Sub-in AO (Input)	4 points (Voltage/Current x2 + Temperature input x2 included)	0 points
I/O	Sub-in AO (Output)	2 points (Voltage/Current x2)	0 points
	Clock	Battery backed clock	

General Specifications

Model		PF6LMA301TADAC (Source) PF6LMA301TADAK (Sink)	PF6LMA301TADOC (Source) PF6LMA301TADOK (Sink)
Electrical	Input Voltage Limits	24Vdc	
	Rated Voltage	20.4Vdc to 28.2Vdc	
	Power Consumption	≤ 1.5W	≤ 1.0W
Environmental	Ambient Operating Temp.	Horizontal Installation	0...55 °C (32...132 °F)
		Vertical Installation	0...40 °C (32...104 °F)
	Storage Temperature	-25...60 °C (-4...140 °F)	
	Relative Humidity	5...95% w/o condensation (non condensing, wet bulb temperature 30 °C (102.2 °F) or less)	
	Altitude Operation	0...2,000 m (0...6,560 ft)	
	Vibration & Shock Resistance	Mounted on a DIN rail	0.5 mm (0.138 in.) fixed amplitude from 5...8.0 Hz 0.8 ms ² (1 g) fixed acceleration from 8.0...150 Hz
		Mounted on a panel	0.5 mm (0.138 in.) fixed amplitude from 5...8.0 Hz 0.8 ms ² (1 g) fixed acceleration from 8.0...150 Hz
Structural	Rating	Front Module: IP65, NEMA Type 4x, rear module IP20	
	Certification	CE, UL Listed, PHS, GS97	
	Cooling Method	Natural Air Circulation	
	Weight	LT4301TM (Modular Type Analog): 754 g (27.45 oz)	LT4301TM (Modular Type DIO): 748 g (26.41 oz)
	Warranty	Two year standard	

Hmi User Manual

JE Gale



Hmi User Manual:

Hmi User Manual Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Hmi User Manual**," published by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we will delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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