



FLAT DISPLAY TECHNOLOGY



This product is RoHS compliant

## § BRIEF SPECIFICATION §

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FDT Tech Module No: **LOF156Fx0P-00R**

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Description: **15.6" Digital TFT- LCD Module**

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SPEC No.: **SAS-2009004**

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Version: **1.0**

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Issue Date: **September 20, 2022**

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※ This specification contains 6 pages including the cover and appendix.



## Features

- 15.6" (1920x1080) Digital TFT LCD
- Aspect Ratio: 16:9
- Input Signal VGA / DP1.2/ HDMI 1.4
- Maximum Support Resolution 1920x1080
- Audio Line-In
- Headphone Driver, 25mW@32Ω
- Projected Capacitive Touch (10 Points)
- 5 Key Buttons Control
- 9 Language OSD Menu
- LED Backlight
- Wide Operation Voltage +11V ~ +28V
- Built-in Stereo Audio Amplifier with Speaker \*2 @4Ω/1.5W (option)

## Applications

- Medical Environment
- Instrument Display
- Kiosk
- Security
- Signage
- Office Electronics
- Home Application
- Educate Application



## Specifications

LCD	
Panel Size	15.6"
Resolution (Pixels)	1920x1080
Color	262K
Luminance without TP	400 cd/m <sup>2</sup>
Luminance (PCAP)	320 cd/m <sup>2</sup>
Contrast Ratio	800
View Angle	85(L) / 85(R) / 85(T) / 85(B)
LED Life Time (Min.)	30K hours
Power Requirement	
Power Input (DC Jack 2.1 φ)	+11V ~ +28Vdc
Power Consumption@+12V	8.76 Watts (@Without Amplifier)
Touch Screen	
PCAP Type	USB Interface

Input Signal	
VGA	D-Sub15
DP	1.2
HDMI	1.4
Audio	
Line-In	Stereo Input Phone Jack φ 3.5
Head Phone Driver	25mW@32Ω ,Phone Jack φ 3.5
Amplifier / Speaker	1.5W@4Ω(Option)
Controls	
Key	5 Buttons
Serial Remote Control	RS232 (Option)
Environment	
Temperature Range	Operating 0~+50℃
High Temperature & High Humidity (Non-condensing)	Storage -20~+60℃
	Operating +40℃ / 90%

## Order Information



### ■ Unit

Item	LOF156F00P-00R	LOF156F10P-00R	Unit	Remark
VGA	⊙	⊙		
DP	⊙	⊙		
HDMI	⊙	⊙		
Touch Panel Type	Projected Capacitive Touch	Projected Capacitive Touch		
Touch Screen Interface	USB	USB		
Audio Line-In	⊙	⊙		
Head Phone	⊙	⊙		
Audio Amplifier / Speaker	-	⊙		
5 Keys	⊙	⊙		
Dimensions	397.64 x 247.08 x34.90	397.64 x 247.08 x34.90	mm	
Weight	1.94	1.97	kg	±10%
Condition	Standard	Non Standard		

**Note: The assembling of panel and bracket is aimed for delivery, packaging and experiment.**

**If the demand of shockproof and long-term fix, pls. have it into consideration of mechanism design.**

■ Customized

Function	Item		Remark
Serial Remote Control	RS232 (DB9)		
Power Input Connector	Terminal Socket 2P 5.08mm (on Module)		
	Terminal plug 2P 5.08mm ( For Cable)		Matching Terminal Socket

**Note: Special order condition will apply to non-standard items and pls. contact salespersons in FDT.**

## Accessories (Option)

Before you begin installing the KIT, please make sure that the following materials have been shipped:



A. LASTD12033-FDR



B. LAACD18000-FDR



C. LACABLE068-FDR



D. LACABDP001-FDR



E. LAVGA18000-FDR



F. LAUSB18000-FDR



G. LACABLE070-FDR



H. LAVCD00002-FDR

- A. AC to DC Adapter (L:1500mm,100-240V<sub>AC</sub> 50-60Hz to +12V<sub>DC</sub> @ 3.3A,  $\phi$  2.1)
- B. Power Cord (L:1800mm, Plug Type B for USA)
- C. HDMI Cable (L:1800mm)
- D. DP Cable (L:1800mm)
- E. VGA Cable (L:1800mm)
- F. USB Cable (L:1800mm)
- G. AUDIO Cable (L:1800mm)
- H. Touch Screen Driver CD Disk / User Manual

## Dimension

