



FLAT DISPLAY TECHNOLOGY



This product is RoHS compliant

## § BRIEF SPECIFICATION §

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FDT Tech Module No: **LOF170E23P-x0R**

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Description: **17" Digital TFT- LCD Module**

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SPEC No.: **SAS-1405003**

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Version: **1.2**

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Issue Date: **January 23, 2024**

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※ This specification contains 5 pages including the cover and appendix.



## Features

- Full Flat Panel Design
- 17" (1280x1024) Digital TFT LCD
- Aspect Ratio: 4:3
- Input Signal VGA / DVI-D / HDMI 1.3a
- Maximum Support Resolution 1920x1080
- Stereo Audio Amplifier, Output 2W@4Ω Speaker
- Audio Line-In
- 2 Points Projected Capacitive Touch
- 5 Key Buttons Control
- 9 Language OSD Menu
- LED Backlight
- Wide Operation Voltage +11V ~ +28V

## Applications

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



## Specifications

LCD	
Panel Size	17"
Resolution (Pixels)	1280x1024
Color	16.7M
Luminance without TP	250 cd/m <sup>2</sup>
Luminance (PCAP)	218 cd/m <sup>2</sup>
Contrast Ratio	1000
View Angle	85(L) / 85(R) / 80(T) / 80(B)
LED Life Time (Min.)	50K hours
Power Requirement	
Power Input (DC Jack 2.1 ϕ)	+11V ~ +28Vdc
Power Consumption@+12V	11Watts (@Without Amplifier)
Touch Screen	
PCAP Type	USB Interface ( 2 Points )
Projected Capacitive Touch Support OS	Windows / Linux

Input Signal		
VGA	D-Sub15	
DVI	DVI-D	
HDMI	1.3a	
Audio		
Amplifier	1W@8Ω / 2W@4Ω	
Line-In	Stereo Input Phone Jack ϕ 3.5	
Controls		
Key	5 Buttons	
Serial Remote Control	RS232 (Option)	
Mechanical		
Construction	Aluminum Front Bezel with Completely Covered Glass and SECC steel chassis	
Mounting Type	Panel / VESA 100 x 100 Mount	
Environment		
Temperature Range	Operating	0~+50℃
	Storage	-20~+60℃
High Temperature & High Humidity (Non-condensing)	Operating	+40℃ / 90%

## Order Information

### ■ Unit

Item	LOF170E23P-00R	LOF170E23P-10R
VGA	⊙	⊙
DVI	⊙	⊙
HDMI	⊙	⊙
Touch Panel Type	Projected Capacitive Touch	Projected Capacitive Touch
Touch Screen Interface	USB	USB
Audio Amplifier	⊙	⊙
Audio Line-In	⊙	⊙
5 Keys	⊙	⊙
Waterproof	-	IP54
Condition	Standard	Non-standard

■ Customized

Function	Item		Remark
Audio	Head Phone For HDMI (Output)		
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 Open Frame, please make sure that the following materials have been shipped:



A. LASTD12033-FDR



B. LAACD18000-FDR



C. LACABLE068-FDR



D. LACABLE069-FDR



E. LAVGA18000-FDR



F. LAUSB18000-FDR



G. LACABLE070-FDR



H. LASPKR0004-FDR



I. LASCW00003-FDR

- A. AC to DC Adapter (L:1500mm,100-240V<sub>AC</sub> 50-60Hz to +12V<sub>DC</sub> @ 3.3A,  $\phi$  2.5)
- B. Power Cord (L:1800mm, Plug Type B for USA)
- C. HDMI Cable (L:1800mm)
- D. DVI Cable (L:1800mm)
- E. VGA Cable (L:1800mm)
- F. USB Cable (L:1800mm)
- G. AUDIO Cable (L:1800mm)
- H. Speaker (2.5W @ 4 $\Omega$  L:400mm \*2 Pieces)
- I. Mount Clamp and Screw \*12 Pieces

## Dimension

