



FLAT DISPLAY TECHNOLOGY



This product is RoHS compliant

## § BRIEF SPECIFICATION §

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FDT Tech Module No: **LOF170E23x-00R**

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

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SPEC No.: **SAS-1404001**

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Version: **1.5**

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Issue Date: **February 24, 2021**

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



## Features

- 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
- 5 Wires Resistive Touch Panel
- 5 Key Buttons Controls
- 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 (RTP)	200 cd/m <sup>2</sup>
Contrast Ratio	1000
Viewing Angle	85(L) / 85(R) / 80(T) / 80(B)
LED Life Time (Min.)	50K hours
Power Requirement	
Power Input (DC Jack 2.5 φ)	+11 ~ +28VDC
PowerConsumption@+12V	11 Watts (@Without Amplifier)
Touch Screen	
Resistive Type	5W(USB / RS232 Interface )
Resistive Type Support OS	Windows / Linux / DOS / Mac / QNX

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			
Mounting Type	Panel / VESA 100 x 100 Mount		
Environment			
Temperature Range	Operating	Without TP	5W RTP
	Storage	0 ~ +50°C	0 ~ +50°C
High Temperature & High Humidity (Non-condensing)	Operating	-20 ~ +60°C	-20 ~ +60°C
		40°C 90%	

## Order Information

### ■ Unit

Item	LOF170E230-00R	LOF170E23U-00R	LOF170E23R-00R
VGA	⊙	⊙	⊙
DVI	⊙	⊙	⊙
HDMI	⊙	⊙	⊙
Touch Panel Type	-	5W Resistive	5W Resistive
Touch Screen Interface	-	USB	RS232
Audio Amplifier	⊙	⊙	⊙
Audio Line-In	⊙	⊙	⊙
5 Keys	⊙	⊙	⊙
Condition	Standard	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. AC to DC Adapter (L:1500mm,100-240V<sub>AC</sub> 50-60Hz to +12V<sub>DC</sub> @ 5A,  $\phi$  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. RS232 Cable (L:1800mm, Null Modem)
- H. AUDIO Cable (L:1800mm)
- I. Touch Screen Driver CD Disk / User Manual
- J. Speaker (2.5W @ 4 $\Omega$  L:400mm \*2 Pieces)
- K. Mount Clamp and Screw \*12 Pieces

