



FLAT DISPLAY TECHNOLOGY



This product is RoHS compliant

§ BRIEF SPECIFICATION §

FDT Tech Module No: **LOF121X15P-00R**

Description: **12.1" Digital TFT- LCD Module**

SPEC No.: **SAS-1406004**

Version: **0.0**

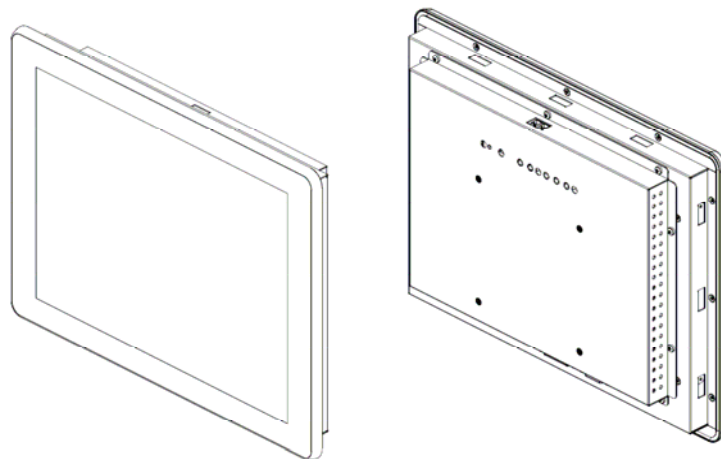
Issue Date: **July 7, 2014**

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

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Features

- 12.1" (1024x768) 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 / Line-Out (Optional)
- 2 Points Projected Capacitive Touch
- 5 Key Buttons Controls
- UART / RS232 Serial Remote Control (Optional)
- 8 Language OSD Menu
- Light Sensor (Optional)
- LED Backlight

Applications

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

Specifications

LCD	
Panel Size	12.1"
Resolution (Pixels)	1024x768
Color	16.2M
Luminance w/o TP	500 cd/m ²
Luminance (PCT)	425 cd/m ²
Contrast Ratio	700
View Angle	80 / 80 / 70 / 70
Backlight Life Time (LED)	30K (Min)
Power Requirement	
Power Input (DC Jack 2.1 ϕ)	+12 V _{DC}
Power Consumption@+12V	9.6 Watts (@Without Amplifier)
Touch Screen	
Projected Capacitive Touch	USB Interface (2 Points)
Projected Capacitive Touch Support OS	Windows / Android / Linux

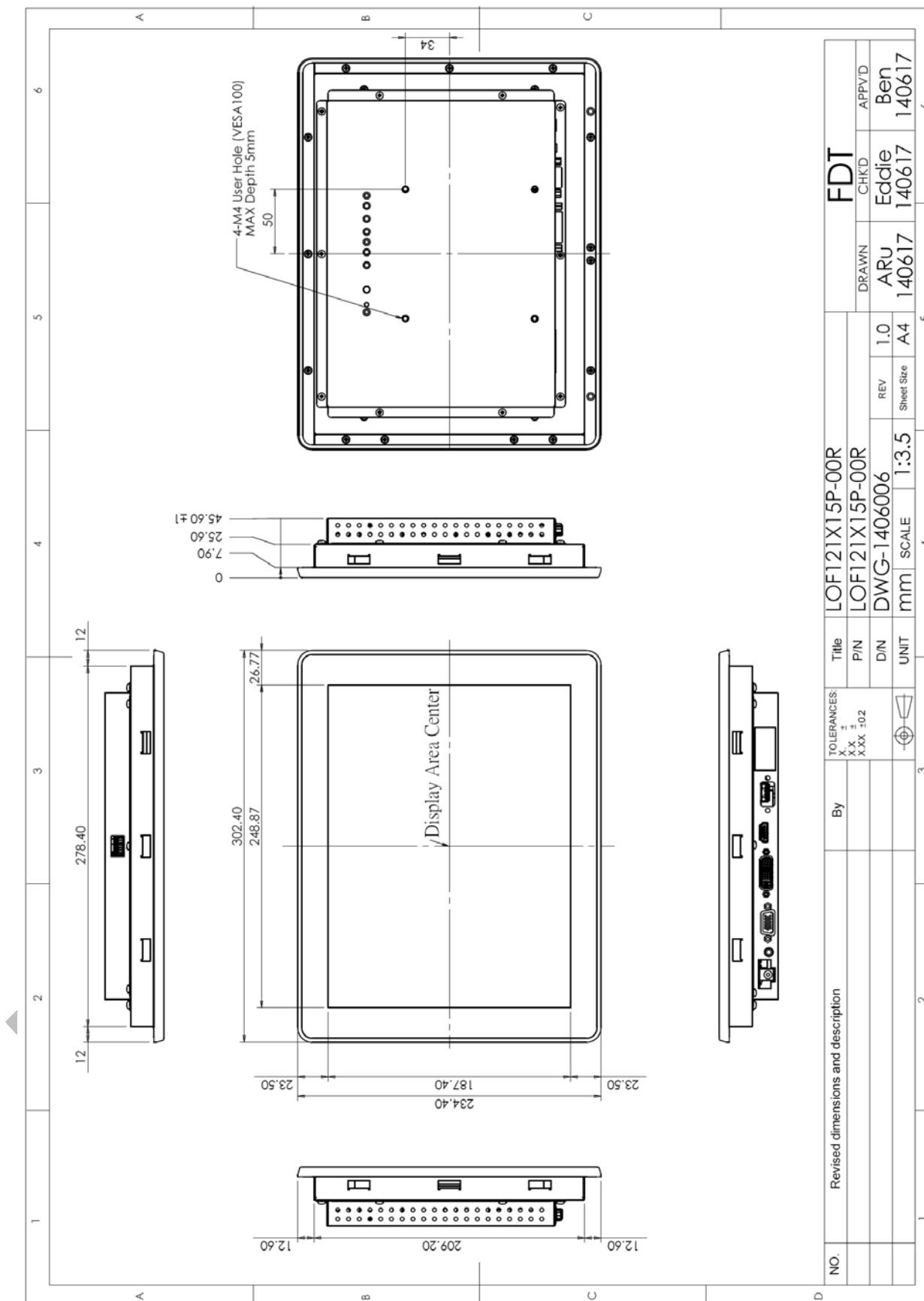
Input Signal	
VGA	D-Sub15
DVI	DVI-D
HDMI	1.3a
Audio	
Amplifier	1W@8 Ω / 2W@4 Ω
Line-In	Stereo Input Phone Jack ϕ 3.5
Controls	
Key	5 Buttons
Serial Remote Control	UART / RS232 (Optional)
Environment	
Operating Temp. PCT	-20~+70 $^{\circ}$ C
Storage Temp. PCT	-30~+70 $^{\circ}$ C

Order Information

Parameter	LOF121X15P-00R
VGA	⊙
DVI	⊙
HDMI	⊙
Touch Panel Type	Projected Capacitive Touch
Touch Screen Interface	USB
Audio Amplifier	⊙
Audio Line-In	⊙
5 Keys	⊙
UART Remote Control	⊙

Option Function	
Parameter	- Audio Line-Out - RS232 Remote Control - Light Sensor - Accessories (Refer to Page 5)

Dimension



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. LACABLE069-FDR



E. LAVGA16000-FDR



F. LAUSB18000-FDR



G. LACABLE070-FDR



H. LAVCD00002-FDR



I. LASPKR0004-FDR

- A. AC to DC Adapter (L:1500mm, 100-240V_{AC} 50-60Hz to +12V_{DC} @ 3.3A, ϕ 2.1)
- B. Power Cord (L:1800mm, Plug Type B for USA)
- C. HDMI Cable (L:2000mm)
- D. DVI Cable (L:1800mm)
- E. VGA Cable (L:1600mm)
- F. USB Cable (L:1800mm)
- G. AUDIO Cable (L:1800mm)
- H. Touch Screen Driver CD Disk / User Manual
- I. Speaker (2.5W @ 4 Ω L:400mm *2 Pieces)