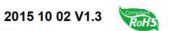# Features

- 10.4" (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
- 4W / 5W Resistive Touch Panel
- 5 Key Buttons Control
- 8 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
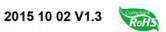
LCD	
Panel Size	10.4"
Resolution (Pixels)	1024x768
Color	262K
Luminance w/o RTP	400 cd/m^2
Luminance (RTP)	320 cd/m^2
Contrast Ratio	500
View Angle	75 / 75 / 60 / 80
LED Life Time	30K (Min)
Power Requirement	
Power Input (DC Jack 2.1 ϕ)	+11V ~ +28V$_{DC}$
Power Consumption@+12V	6.6 Watts (@Without Amplifier)
Touch Screen	
Resistive Type	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	UART / RS232 (Option)
Environment	
Operating Temp. w/o TP	-20~+70℃
Storage Temp. w/o TP	-30~+70℃
Operating Temp. 4W RTP	-5~+60℃
Storage Temp. 4W RTP	-30~+70℃
Operating Temp. 5W RTP	-10~+70℃
Storage Temp. 5W RTP	-30~+70℃

Order Information

Parameter	LP104X0110-FNR	LP104X0114-FNR	LP104X0115-FNR
VGA	◎	◎	◎
DVI	◎	◎	◎
HDMI	◎	◎	◎
Touch Panel Type	-	4W Resistive	4W Resistive
Touch Screen Interface	-	USB	RS232
Audio Amplifier	◎	◎	◎
Audio Line-In	◎	◎	◎
5 Keys	◎	◎	◎
UART Remote Control	◎	◎	◎
Condition	Standard	Standard	Non-standard

Parameter	LP104X011U-FNR	LP104X011R-FNR
VGA	◎	◎
DVI	◎	◎
HDMI	◎	◎
Touch Panel Type	5W Resistive	5W Resistive
Touch Screen Interface	USB	RS232
Audio Amplifier	◎	◎
Audio Line-In	◎	◎
5 Keys	◎	◎
UART Remote Control	◎	◎
Condition	Standard	Non-standard

Parameter	Condition
Ear Phone	
RS232 Remote Control	
Back Cover	Non-standard
External Key	
Light Sensor	
Accessories (Option)	Standard

Dimension

Display Area Center

Title
P/N
D/N
UNIT mm SCALE 1:3
By
TOLERANCES:
X.X ±1
X.X ±
X.XX ±0.2
Revised dimensions and description
NO.

DRAWN CHKD APPVD
ARu Nicole Ben
140107 140107 140107

REV 1.0
Sheet Size A4

178.08
160.68
137.91
99.62
68.25
37.51
0

128.19

28.60 ±1

9.50 ±0.3
0
0.80
10.64
11.55
19.10 ±0.5

0
12.85
13.60

4
5.30
13.40
14.40
13.20
14
5 15 73 73 5 13 4-Ø3.50

120
124

116
120

244
236
227.60
213.20 (LCD Bezel Open)
211.20(LCD A.A)
214.30(Touch View Area)
212(Touch A.A)

73 73

159.20(Touch A.A) 7.50
160.20(Touch View Area) 7
158.40(LCD A.A) 7.90
160.40 (LCD Bezel Open) 6.90
176.10

Accessories (Option)

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

A.

B.

C.

D.

E.

F.

G.

H.

I.

J.

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. RS232 Cable (L:1800mm, Null Modem)

H. AUDIO Cable (L:1800mm)

I. Touch Screen Driver CD Disk / User Manual

J. Speaker (2.5W @ 4Ω L:400mm *2 Pieces)