

VGG128004-5TSLWP



Application

This specification is applied to the 10.1 inch WXGA supported TFT-LCD module with projected capacitive touch (PCT), and can display true 16.7M colors (8 bit/ color). This module is composed of a 10.1" TFT-LCD panel, a driver circuit and backlight unit and used as the input devices for general electric appliances via both finger and Capacitive stylus pen.

Features

- 10.1" USB Interface Industrial Open Frame Monitor
- USB 3.0 Interface(USB 3.0 Type B)
- USB 3.0 Host(USB 3.0 Type A)
- Use Double Sided Tape Bonding Between PCT and LCM
- Use Double Sided Tape Bonding Between PCT and CG
- Projected Capacitive Touch
 - Multi Touch (Ten points)
 - 2048 x 2048 resolution
 - CG Chemical Strengthening
- Support VESA mounting
- Build-in 4Ω 2W*2 Speaker
- Support OS:
 - Windows XP/VISTA/7/8/10
 - Ubuntu 16.04 LTS / 18.04 LTS

General Specifications

Item	Specifications	Unit
Screen Size	10.1 (Diagonal)	inch
Display Format	1280RGB(H)×800(V)	dot
Active Area	216.96(H)×135.6(V)	mm
Pixel Pitch	0.1695(H)×0.1695(V)	mm
Pixel Configuration	RGB Vertical Stripe	-
Display Mode	AAS Type / Transmissive Mode / Normally Black	-
Surface Treatment	Clear(7H)	-
Viewing Direction	Full view angle	-
Outline Dimension	305.86(W)×209.7(H)×30.0(D)	mm

Absolute Maximum Ratings

Absolute Ratings of Environment

Item	Symbol	Value		Unit
		Min.	Max.	
Storage Temperature	T _{ST}	-20	+80	°C
Operating Temperature	T _{OP}	0	+70	°C

Electrical Absolute Ratings

System Power Supply

(T_a=25±2°C, V_{SS}=0V)

Item	Symbol	Value		Unit	Note
		Min.	Max.		
Power Supply Voltage	V _{IN}	-0.3	27	V	-

Electrical Characteristics

System Power Supply

(Ta=25±2°C)

Item	Symbol	Value			Unit
		Min.	Typ.	Max.	
USB Power Voltage	VBUS	4.5	5.0	5.5	V
USB Power Current	IBUS	-	(1.3)	1.82	A
Power Supply Voltage	VIN	11.5	12.0	12.5	V
Power Supply Current	IIN	-	(600)	840	mA
LED Life Time(25°C)	-	50000	60000	-	hr

Input / Output Terminals Pin Assignment

Connector: USB 3.0 Type B Connector

No.	Symbol	No.	Symbol
1	VBUS	6	Transmit+
2	D-	7	GND
3	D+	8	Receive-
4	GND	9	Receive+
5	Transmit-		

Connector: USB 3.0 Type A Connector

No.	Symbol	No.	Symbol
1	VBUS	6	Receive+
2	D-	7	GND
3	D+	8	Transmit-
4	GND	9	Transmit+
5	Receive-		

Connector: DC Jack

No.	Symbol
1	VIN(Φ 2.0mm)
2	GND
3	GND

User Guide For First Operation:

1. Go to Displaylink website below to download the newest drivers and install it. <https://www.displaylink.com/downloads>
2. Take USB 3.0 type B cable and connect from LCM to computer.
3. The external power supply will be needed when the customer's USB port cannot drive successfully.
4. Wait for automatic installation of device driver by computer.

EVERVISION ELECTRONICS CO., LTD.

Outline Drawing

