

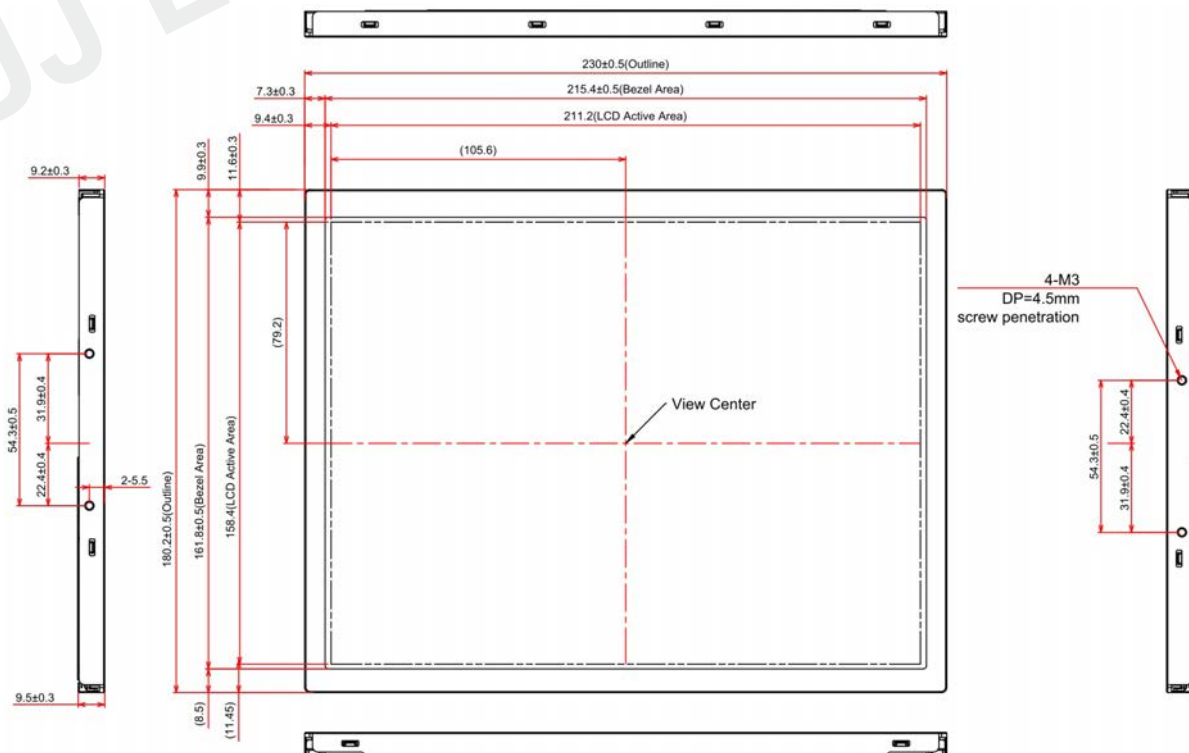
Feature

1. 10.4" TFTLCD Module
2. Resolution:1024*3(RGB)*768
3. Display Type:TFT/Transmissive/Normally Black
4. Interface Type:LVDS
5. Surface Luminance:1300cd/m²
6. Top:-30℃~80℃

Mechanical Data

1. Module(WxHxT)(mm):230*180.2*9.5 mm
2. Active Area(mm):211.2*158.4 mm
3. LED Driving current: 720mA

Dimension



Interface Pin Function

No.	Signal	Signal
1	V _{DD}	Power supply for LCD
2	VDD	Power supply for LCD
3	GND	GND
4	GND	GND
5	IN0-	R0~R5, G0
6	IN0+	R0~R5, G0
7	GND	GND
8	IN1-	G1~G5, B0~B1
9	IN1+	G1~G5, B0~B1
10	GND	GND
11	IN2-	B2~B5, DE
12	IN2+	B2~B5, DE
13	GND	GND
14	CLK IN-	Pixel Clock
15	CLK IN+	Pixel Clock
16	GND	GND
17	IN3-	R6~R7, G6~G7, B6~B7
18	IN3+	R6~R7, G6~G7, B6~B7
19	NC	No Connection
20	SC	Scan direction control (Normal : Low or Default. Reverse : High)

Electronic Characteristics

Module

Item	Symbol	Condition	Standard Value			Unit
			Min.	Typ.	Max.	
Power supply voltage	V _{DD1}	-	3.0	3.3	3.6	V
Power supply current	I _{DD1}	V _{DD} =3.3V	-	300	400	mA
Input signal voltage	V _{IH1}	-	0.7V _{DD}	-	V _{DD}	V
	V _{IL1}	-	V _{SS}	-	0.3V _{DD}	V
Differential Input High Threshold	V _{TH}	V _{ICM} =1.2V	-	-	100	mV
Differential Input Low Threshold	V _{TL}	V _{ICM} =1.2V	-100	-	-	mV

Backlight

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
LED Input Voltage	V _{LED}	I _{LED} = 720mA	10.8	12	13.2	V
LED Forward Current	I _{LED}	100% duty	-	720	-	mA
		0% duty	-	0.01	-	
LED Lifetime	-	I _{LED} = 720 mA	-	100K	-	hrs