

<https://www.aliexpress.com/item/3-5-inch-39P-262K-SPI-TFT-LCD-Screen-ILI9481B-Drive-IC-18Bit-RGB-Interface-320/32824587937.html>

## 3.5 inch TFT LCD Screen

LCD Size: 3.5 inch

Panel Type: TFT Active Matrix

Resolution: 320\*(RGB)\*480

Display Mode: Normally White, Transmissive

Viewing Direction: 12 O'clock (Peak CR) / 6 O'clock (Good View)

Contrast Ratio: 400 (Typ).

Luminance: 300 (Typ)

Module Size: 54.90\*82.94\*1.95mm

Active Size: 48.96\*73.44mm

Pixel Pitch: 0.153\*0.153mm

Drive IC: ILI9481B

Drive IC RAM Size: 320\*18\*480

Light Source: 7 LEDs White

Interface: SPI+RGB 18bit

Operating Temp.: -20 -70 degree

Storage Temp: -30 – 80 degree

PIN NO.: 39P

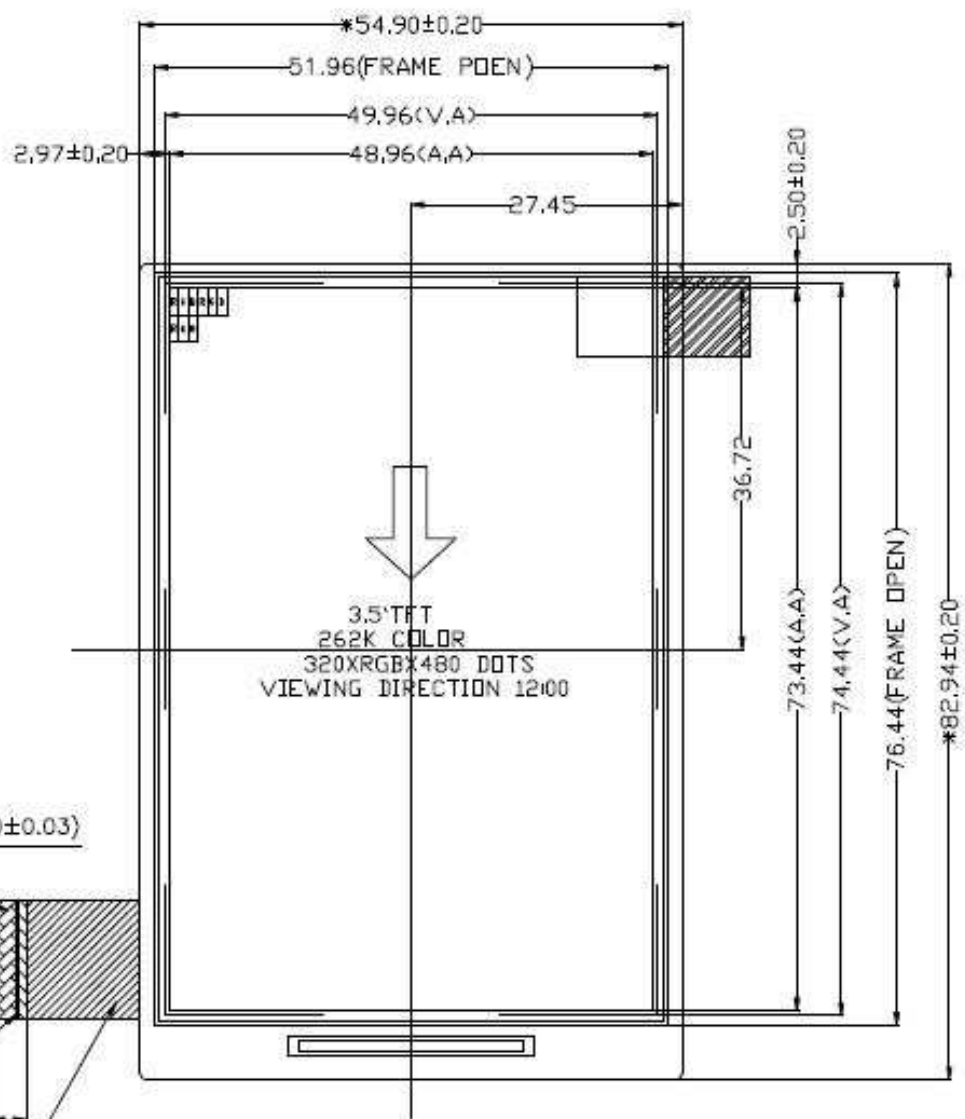
No.	Item	Specification	Unit
1	LCD Size	3.5	inch
2	Panel Type	TFT Active Matrix	-
3	Resolution	320 x (RGB) x 480	pixel
4	Display Mode	Normally white, Transmissive	-
5	Display Number of Colors	262K	-
6	Viewing Direction	12 o'clock(Peak CR) /6 o'clock(Good View)	-
7	Contrast Ratio	400(Typ)	-
8	Luminance	300(Typ)	cd/m <sup>2</sup>
9	Module Size	54.90(W)× 82.94(L) × 1.95(T)	mm
10	Active Area	48.96(W)×73.44(L)	mm
11	Pixel Pitch	0.153(W ) x 0.153(L)	mm
12	Weight	-	g
13	Driver IC	ILI9481B	-
14	Driver IC RAM Size	320 x18x480	bit
15	Light Source	7 LEDs White	-
16	Interface	SPI+RGB 18bit	-
17	Operating Temperature	-20~70	℃
28	Storage Temperature	-30~80	℃

PIN NO.	SYMBOL
1	GND
2	/RESET
3	/CS
4	SCLK
5	IC_ID
6	SDI
7	SDO
8~25	DB00~DB17
26	GND
27	VSNC
28	HSNC
29	DOTCLK
30	ENABLE
31	GND
32	IOVCC
33	GND
34	VSS
35	GND
36	VLED+
37	VLED-
38	PWM_OUT
39	GND

PI补强 (T:0.20±0.03)

防呆丝印

3.50±0.3  
弯折区



人眼最佳视角方向



5.1. APPLICATION CIRCUIT

