

P80480V70C_T07_01

7.0 Inches, 800xRGBx480, 65K Colors, UnicView LCM



● Display

Item	Parameter	Description
Color	65K (65536) colors	16 bit color 5R6G5B
Visual Angle L/R/U/D	70° /70° /50° /60°	
Resolution	800*480	90° rotated display (480*800)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 400 cd/m ²	
Working Temperature	-20~+70°C/-30~+80°C	64 levels adjustment

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	4.5	5	5.5	V
Operation Current	VIN = 5V, Backlight on	-	480	-	mA
	VIN = 5V, Backlight off	-	160	-	mA

● Interface

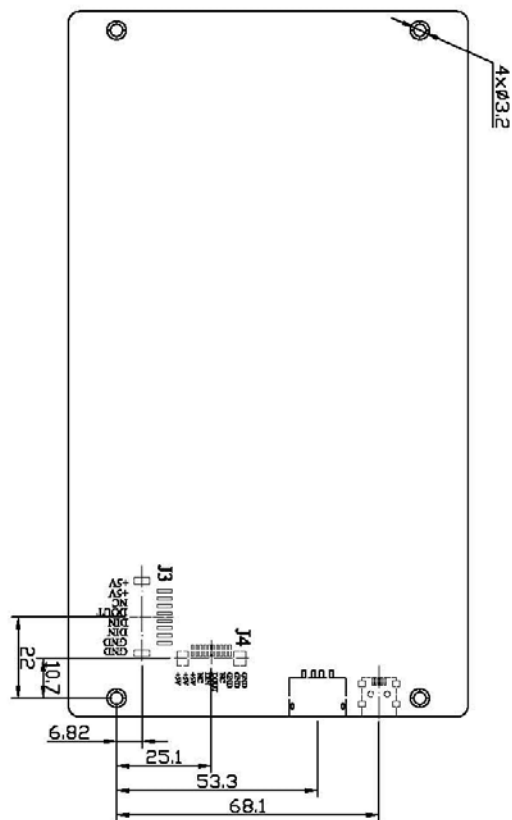
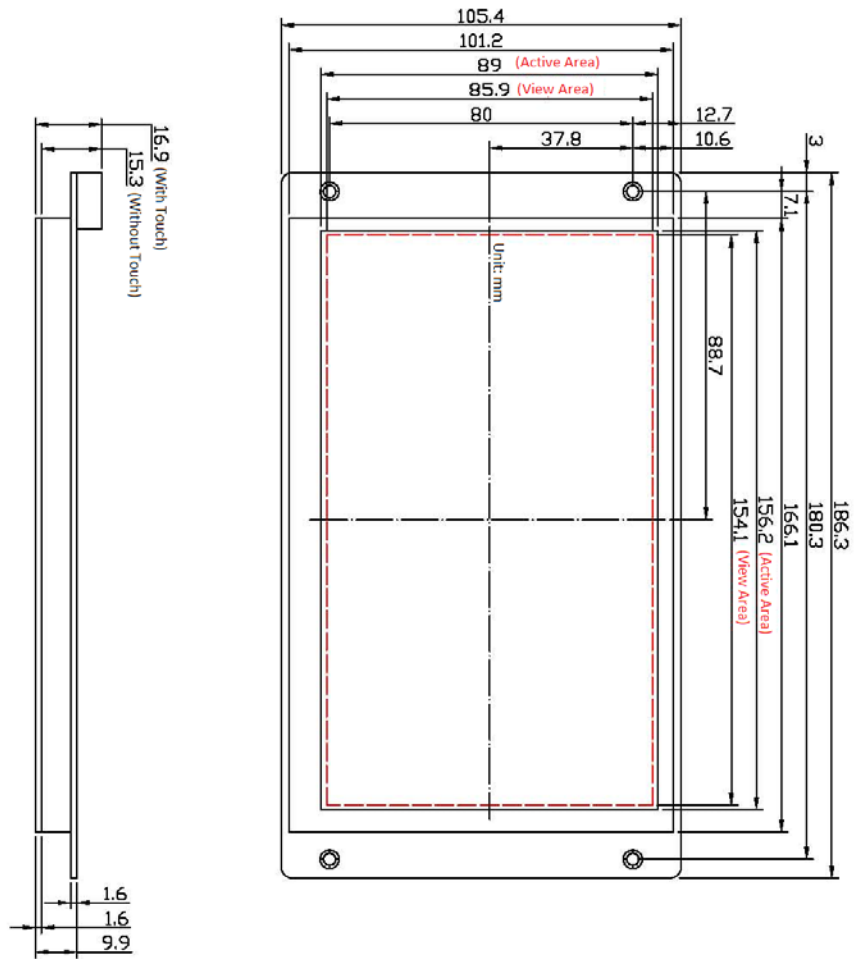
Item	Conditions	Min	Typ	Max	Unit
Baudrate	Standard	1200	115200	892900	bps
Interface	TTL/CMOS				
Data Format	1 byte for initial, 8 bytes for data, invalid bytes for checksum, 1 byte for end				
Socket	SMD2.0-8P with lock catch+FFC 1.0-10 downlink				

Note: Short-circuit J17 to choose RS232

● Peripherals

No.	Parameter	Description
1	Touch Screen	4-wire resistance touch screen: P80480V70C_T07_01
		4-wire capacitive touch screen: P80480V70C_P07_01
		No touch screen: P80480V70C_N07_01
2	Buzzer	YES
3	RTC	YES
4	USB	YES. For downloading offline or user data copy.
5	USB Mini	YES. For online debugging.
8	Memory	128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum.
		External board needed for online debugging





Pin Name	J3 Pin Number	J4 Pin Number	Remarks
+5V	7,8	1,2,3	POWER INPUT
GND	1,2	8,9,10	GND
DIN	3,4	5	DIN
DOUT	5	6	DOUT
NC	6	4,7	Not Defined

Part No.	P80480V70C_T07_01			 PROCLUS TECHNOLOGIES INC.
Datasheet	A4	Drawn by	Proculus	
Proportion	1:1	Verified by		Date
Unit	mm	Confirmed by		Date