

# P80480V70C\_T40

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	80° /80° /60° /70°	
Resolution	800*480	90° rotated display (480*800)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 300 cd/m <sup>2</sup>	
Working Temperature	-20~+70°C/-30~+80°C	64 levels adjustment
Static ESD	±14KV	

- **Voltage & Current**

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	6	12	35	V
Operation Current	VIN = 12V, Backlight on	-	250	-	mA
	VIN = 24V, Backlight on	-	140	-	mA
	VIN = 12V, Backlight off	-	80	-	mA

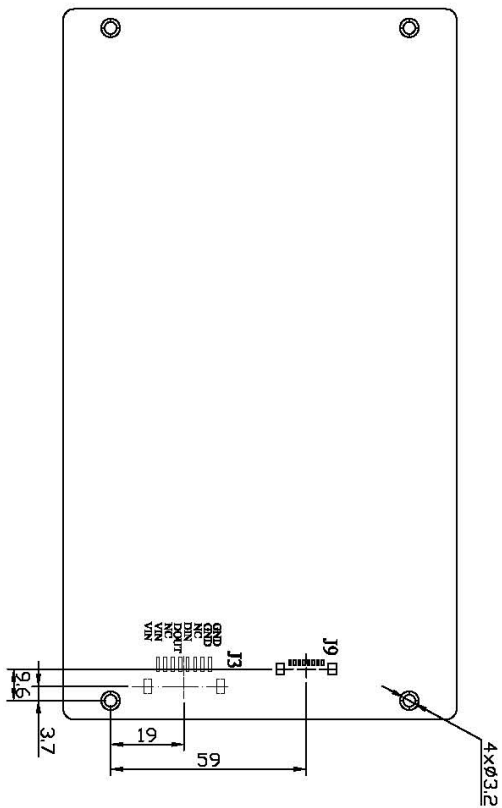
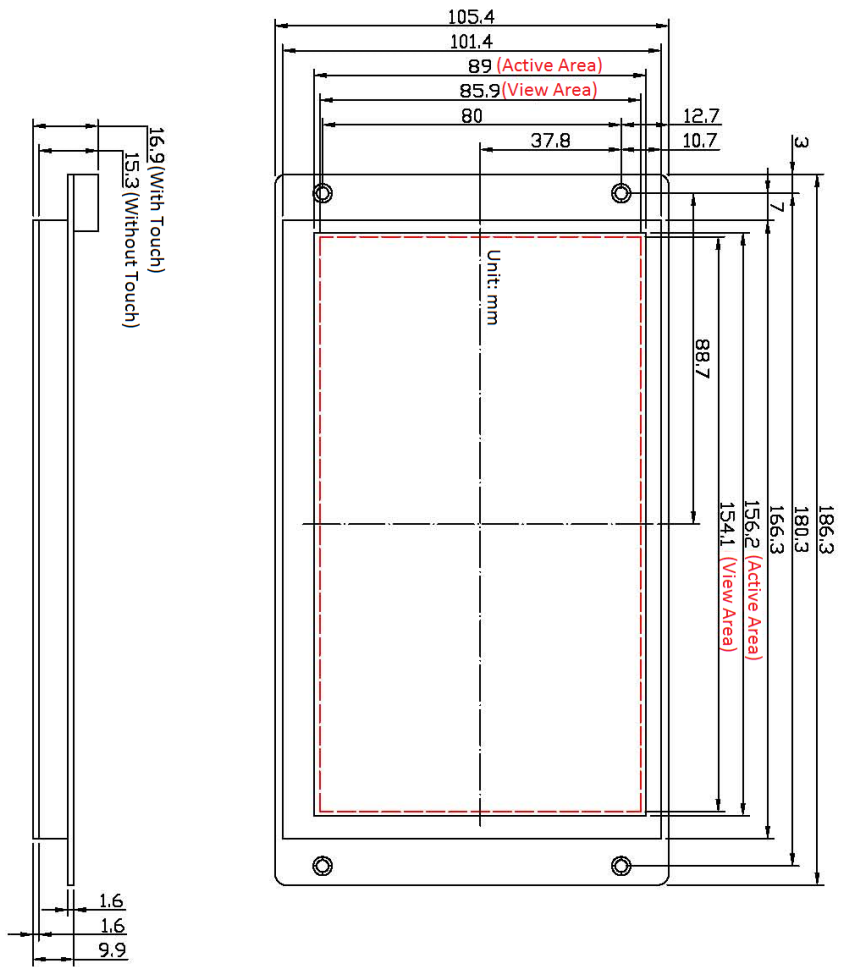
- **Interface**

Item	Conditions	Min	Typ	Max	Unit
Baudrate	Standard	1200	-	115200	bps
Interface	RS-485				
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				

- **Peripherals**

No.	Parameter	Description
1	Touch Screen	4-wire resistance touch screen: P80480V70C_T40
		4-wire capacitive touch screen: P80480V70C_P40
		No touch screen: P80480V70C_N40
2	Buzzer	YES
3	RTC	YES
4	USB	YES. For downloading offline or user data copy.
5	USB Mini	YES. For online debugging.
6	Audio Port	Support *.MP3 format. No time limit for single file. Theoretically 4096 files at maximum. Loudspeaker: 8 Ω 2W.
7	Memory	128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum.





Pin Name	Pin Definition	Remarks
VIN	7, 8	POWER INPUT
GND	1, 2	GND
DIN	4	DIN
DOUT	5	DOUT
NC	3, 6	Not Defined

Part No.		P80480V70C_T40		PROCLUS TECHNOLOGIES INC.	
Datasheet	A4	Drawn by	Proclus	Date	
Proportion	1:1	Verified by		Date	
Unit	mm	Confirmed by		Date	