

P10600V70C_T31

7.0 Inches, 1024xRGBx600, 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/ 350 cd/m ²	
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	-	260	-	mA
	VIN = 24V, Backlight on	-	150	-	mA
	VIN = 12V, Backlight off	-	80	-	mA

Note: Short-circuit J24/J25 to choose Power Input as 5V (4.8V~6V)

● Interface

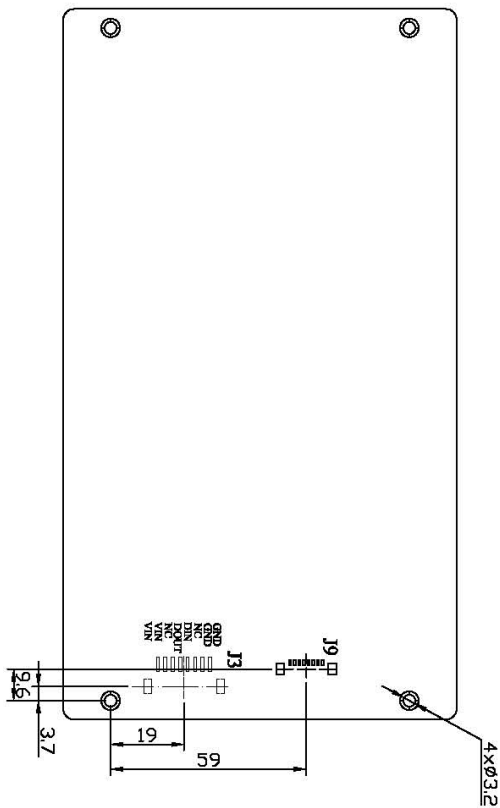
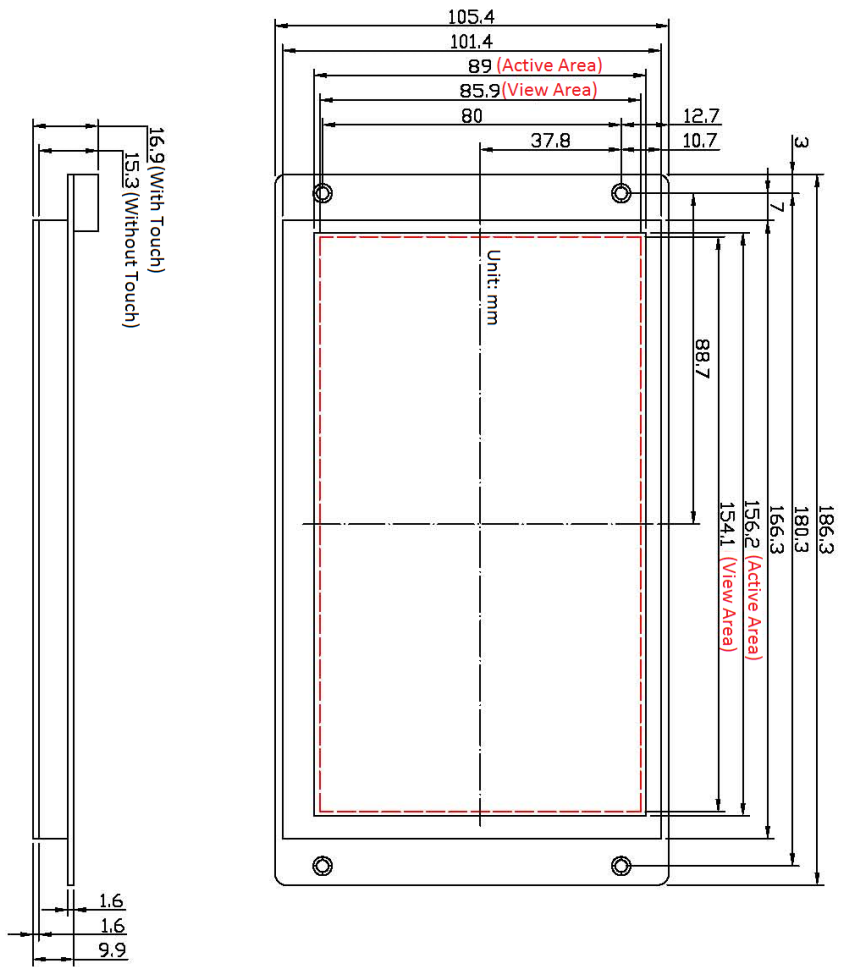
Item	Conditions	Min	Typ	Max	Unit
Baudrate	Standard	1200	-	115200	bps
Interface	TTL/CMOS				
Data Format	1 byte for initial, 8 bytes for data, invalid bytes for checksum, 1 byte for end				
Socket	SMD2.0-8P with lock catch				

Note: Short-circuit J17 to choose RS232

● Peripherals

No.	Parameter	Description
1	Touch Screen	4-wire resistance touch screen: P10600V70C_T31
		4-wire capacitive touch screen: P10600V70C_P31
		No touch screen: P10600V70C_N31
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.		P10600V70C_T31	
Datasheet	A4	Drawn by	Proculus
Proportion	1:1	Verified by	
Unit	mm	Confirmed by	
		Date	

