

P80600V80C_T30

8.0 Inches, 800xRGBx600, 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° /70°	
Resolution	800*600	90° rotated display (600*800)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 300 cd/m ²	
Working Temperature	-20~+70°C/-30~+80°C	64 levels adjustment

● 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	-	140	-	mA
	VIN = 12V, Backlight off	-	80	-	mA

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

● Interface

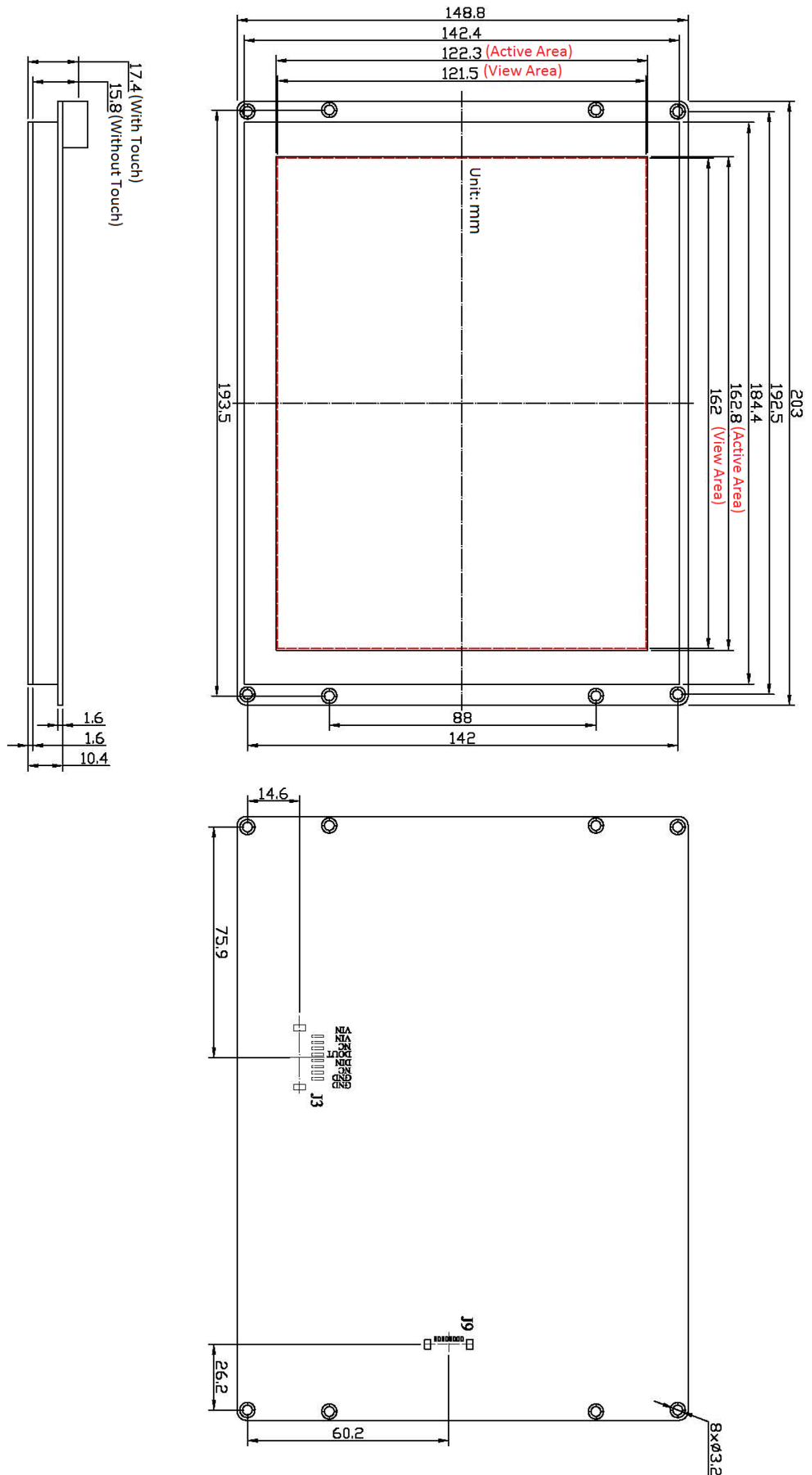
Item	Conditions	Min	Typ	Max	Unit
Baudrate	Standard	1200	-	115200	bps
Interface	TTL/CMOS				
Data Format	1 byte for initial, 8 bytes for data, invalid bytes for checksum, 1 byte for end				
Socket	SMD2.0-8P with lock catch				

Note: Short-circuit J17 to choose RS232

● Peripherals

No.	Parameter	Description	
1	Touch Screen	4-wire resistance touch screen: P80600V80C_T30	
		4-wire capacitive touch screen: P80600V80C_P30	
		No touch screen: P80600V80C_N30	
2	Buzzer	YES	
3	RTC	YES	
4	USB	YES. For downloading offline or user data copy.	External board needed for online debugging
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: 8Ω 2W.	
7	Memory	128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum.	





Pin Name	J3 Pin Num.	Remarks
VIN	7,8	POWER INPUT
GND	1,2	GND
DIN	4	DIN
DOUT	5	DOUT
NC	3,6	Not Defined

Part No.		P80600V80C_T30		PROCLUS PROCLUS TECHNOLOGIES INC.	
Datasheet	A4	Drawn by	Proclus	Date	
Proportion	1:1	Verified by		Date	
Unit	mm	Confirmed by		Date	