

# P64480V56C\_T17

5.6 Inches, 640xRGBx480, 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	640*480	90° rotated display (480*640)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 300 cd/m <sup>2</sup>	
Working Temperature	-20~+70°C/-30~+80°C	64 levels adjustment

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	3.4	5	6	V
Operation Current	VIN = 5V, Backlight on	-	460	-	mA
	VIN = 5V, Backlight off	-	240	-	mA

● 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	SMD1.0-10P with lock catch				

● Peripherals

No.	Parameter	Description	
1	Touch Screen	4-wire resistance touch screen: P640480V56C_T17	
		4-wire capacitive touch screen: P640480V56C_P17	
		No touch screen: P640480V56C_N17	
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	Memory	128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum.	



