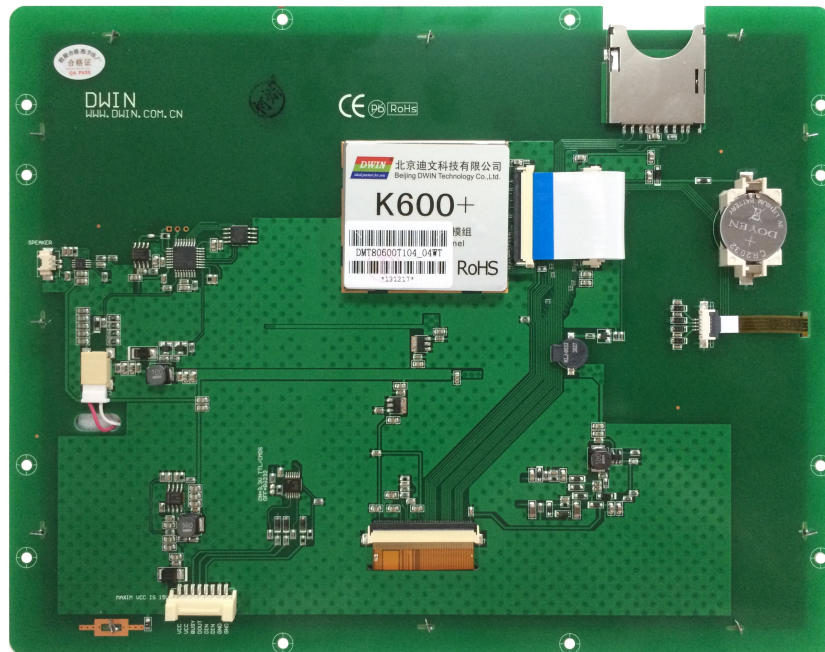


DMT80600T104_04W

10.4 Inches, 800xRGBx600, 65K Colors, DGUS LCM



Record of Revision

Revise Date	Content
2013-12-20	First Edition
2015-04-15	Parameters in dimension are revised

● Display

Item	Parameter	Description
Color	65K (65536) colors	16 bit color 5R6G5B
Active Area (A.A.)	211.2 mm (W) × 158.4 mm (H)	800 x 600
View Area (V.A.)	212.2 mm (W) × 159.4 mm (H)	800 x 600
Resolution	800 x 600	90° rotated display (600 x 800)
Backlight	LED	-
Brightness	500 nit (DMT80600T104_04WN)	64 levels adjustment
	450 nit (DMT80600T104_04WT)	64 levels adjustment

● Voltage & Current

Item	Conditions	Min	Typ.	Max	Unit
Power Voltage		5.0	12.0	15.0	V
Operation Current	VCC = +12V, Backlight on	-	500	-	mA
	VCC = +12V, Backlight off	-	150	-	mA

Recommended power supply: 12V 1A DC

● Reliability Test

Item	Conditions	Min	Typ.	Max	Unit
Working Temperature	60%RH at 12V voltage	-30	25	70	°C
Storage Temperature	-	-40	25	85	°C
Working Humidity	25°C	10%	60%	90%	RH
Protective Paint	-	-	None	-	-

● Interface

Item	Conditions	Min	Typ.	Max	Unit
Baudrate	Standard	1200	115200	921600	bps
Output Voltage (TXD, BUSY)	Output 1, Iout = 1mA	3.0	3.2	-	V
	Output 0, Iout = -1mA	-	0.1	0.2	V
Input Voltage (RXD, I/O)	Input 1, Iin = 1mA	2.0	3.3	15.0	V
	Input 0, Iin = -1mA	-15.0	0.0	0.3	V
Interface	Mode is determined by Jumper: ON = 8N1, 3.3V TTL/CMOS; OFF = 8N1, RS232				
Socket	8Pin_2.00mm with lock catch				
USB	None				
SD Slot	Yes (SD/SDHC, FAT32 file format)				

● Memory

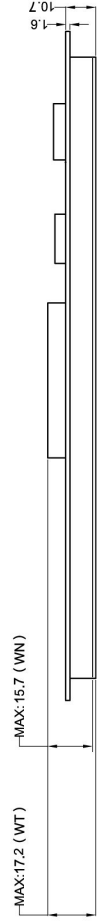
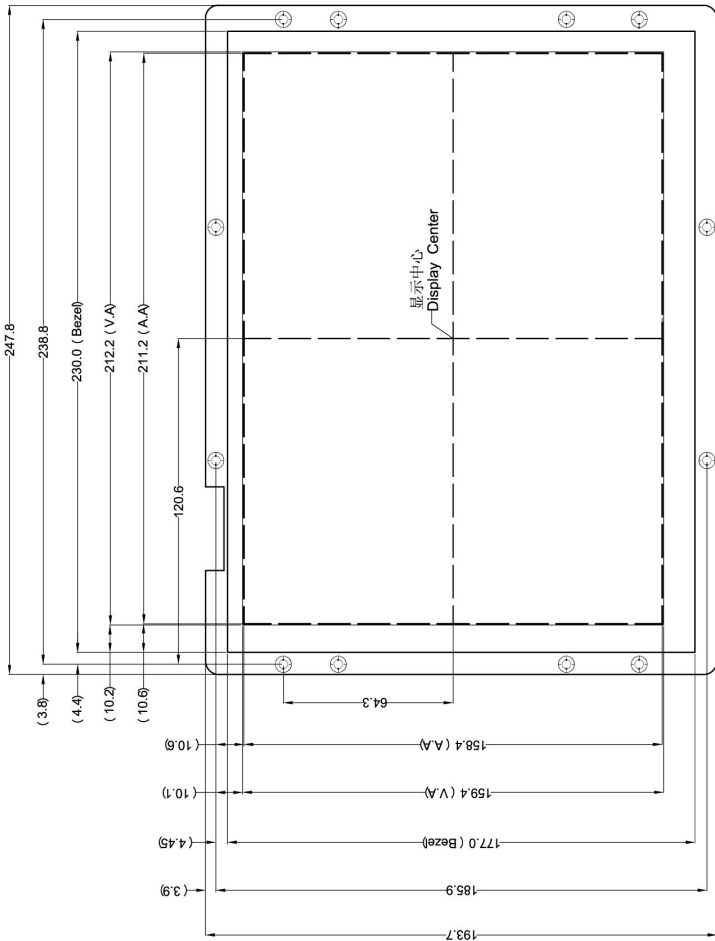
Item	Parameter	Min	Typ.	Max	Unit
Flash	Space of Font	-	32	-	MB
	Picture Storage (256MB)	-	-	209	Pcs
	Picture Storage (2GB)	-	-	1896	Pcs
RAM	Variable Storage Space	-	56	-	KB

● Peripherals

Peripherals Acquired	
Peripherals	DMT80600T104_04WN : RTC, Buzzer, 128 Segments of Audio playback DMT80600T104_04WT : 4-wire resistance touchscreen, RTC, Buzzer, 128 Segments of Audio playback

● Packing Capacity & Dimension

Dimension				
Dimension	247.8 (W) × 193.7 (H) × 15.7 (N) / 17.2 (T)mm			
Net Weight	600g (DMT80600T104_04WN)			
	720g (DMT80600T104_04WT)			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1	220mm(L)×160mm(W)×47mm(H)	-	-	-
Carton2	250mm(L)×200mm(W)×80mm(H)	-	-	-
Carton3	320mm(L)×270mm(W)×80mm(H)	2	1	2
Carton4	450mm(L)×350mm(W)×300mm(H)	1	10	10
Carton5	600mm(L)×450mm(W)×300mm(H)	1	20	20



- 1.尺寸定位基准为定位孔。
Location hole is used as Drawing Reference.
- 2.未标注公差为±0.3mm。
General Tolerance is ±0.3mm.
- 3.虚线标注为有效显示区域。
Active Area (A.A.) is marked in dash lines.

引脚名称	引脚编号	引脚类型	说明
VCC	1,2	P	电源输入 / Power Input
BUSY	3	-	未定义 / Not Defined
DOUT	4	OUT	迪文屏串口输出 / DOUT
DIN	5,6	IN	迪文屏串口输入 / DIN
GND	7,8	P	公共地 / GND

型号	DMT80600T104_04W		
图纸	A4	绘图	DWIN
比例	1:1	审核	
单位	mm	批准	
		日期	
		日期	
		日期	

