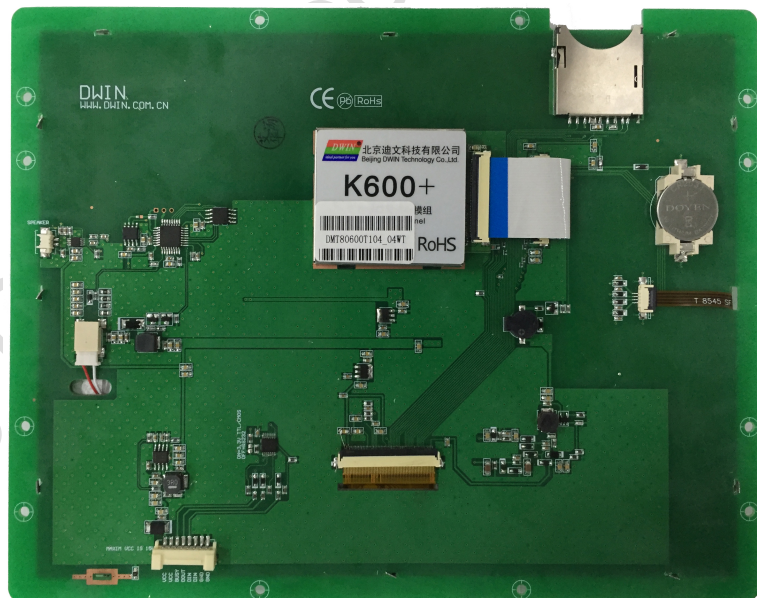


DMT80600T104_04WN DMT80600T104_04WT

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



● 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(It's not recommend to set brightness to 1%~30% of the maximum,which may lead a flicker)
	450 nit (DMT80600T104_04WT)	

● Voltage & Current

Item	Conditions	Min	Typ.	Max	Unit
Power Voltage		6.0	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	-20	25	70	°C
Storage Temperature	-	-30	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
	User Set	1200	-	1000000	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 2.0mm 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

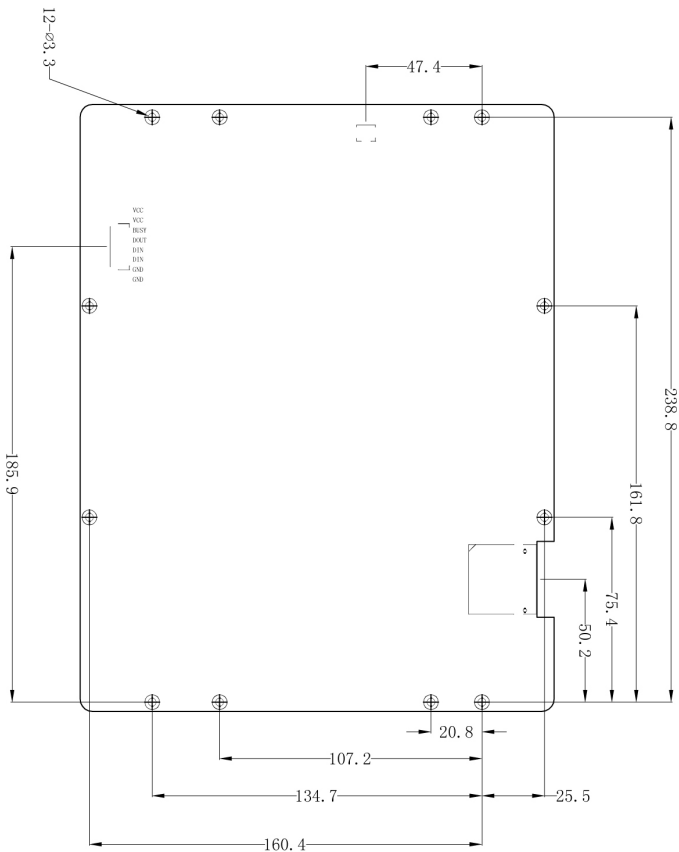
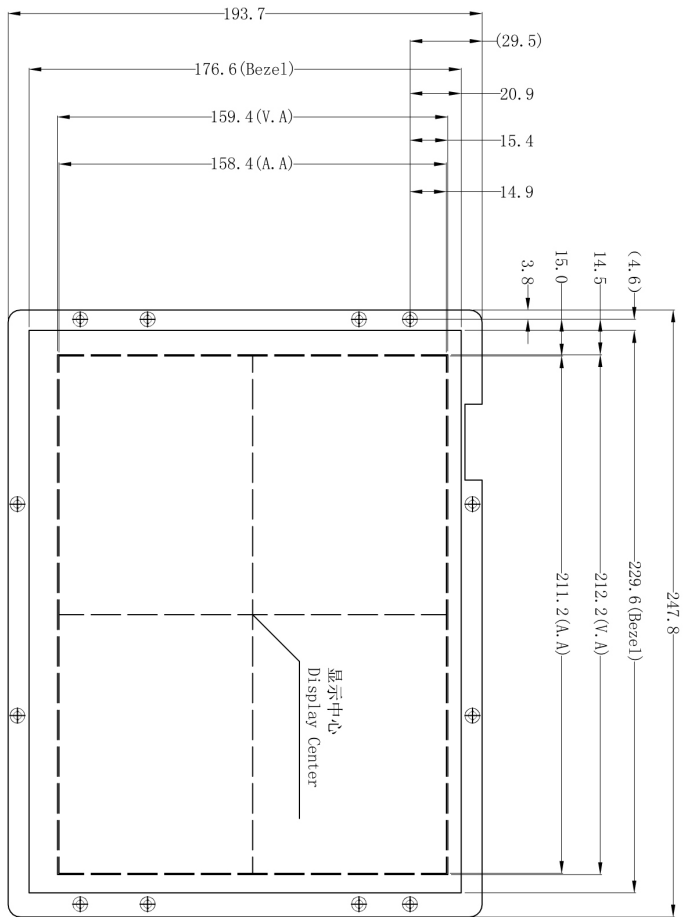
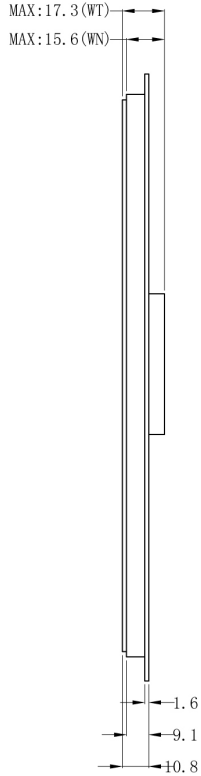
● Peripherals

Peripherals Acquired	
Peripherals	DMT80600T104_04WN : RTC, Buzzer, 128 Segments of Audio playback DMT80600T104_04WT :Resistance touchscreen, RTC, Buzzer, 128 Segments of Audio playback

● Packing Capacity & Dimension

Dimension				
Dimension	247.8 (W) × 193.7 (H) × 15.6 (N) / 17.3 (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

引脚名称	引脚定义	引脚类型	说明
GND	7, 8	P	公共接地/GND
DIN	5, 6	I	迪文屏串口输入DIN
DOU1	4	O	迪文屏串口输出DOU1
BUSY	3	-	未定义/NOT Defined
VCC	1, 2	P	电源输入 /Power Input



1. 尺寸定位基准为定位孔
Location hole is used as position reference.

2. 未标注公差为 $\pm 0.3\text{mm}$

Unmarked Tolerance is $\pm 0.3\text{mm}$

注: 虚线标注为有效显示区域

Active area is marked in Dash lines

型号	DMT80600T104_04WN			北京迪文科技 Beijing DWIN Technology Co., Ltd
图纸	A 4	图纸	DMT80600T104_04WT	
比例		审核	DWIN	
单位	MM	批准	日期	

Revision records

Rev	Revise Date	Content	Editor
00	2013-12-20	First Edition	ZK
01	2015-04-15	Parameters in dimension are revised	ZK
02	2017-03-31	Update Version (Update Figure)	ZK
03	2018-05-29	Add instructions about brightness adjusting	ZK
04	2018-08-22	Modify dimensional drawing (Iron frame dimension)	ZK
05	2019-12-09	Modify Power Voltage	ZK
06	2020-12-21	Revise temperature parameters	ZK

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