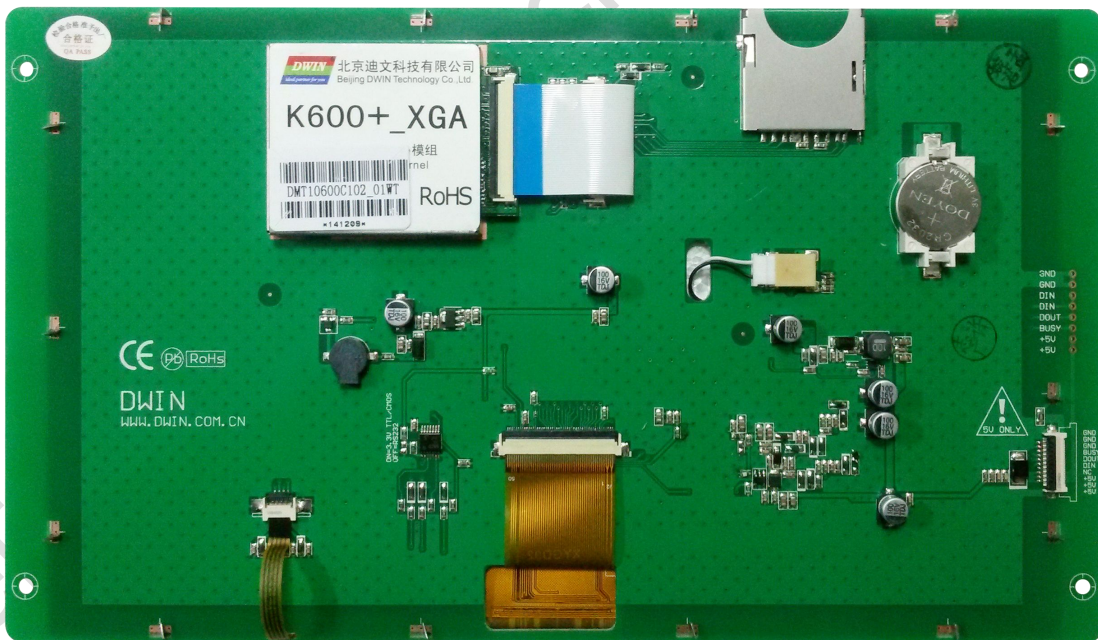


DMT10600C102_01W

10.2 Inches, 1024xRGBx600, 65K Colors, DGUS LCM



Record of Revision

Revise Date	Content
2014-12-08	First Edition

● Display

Item	Parameter	Description
Color	65K (65536) colors	16 bit color 5R6G5B
Active Area (A.A.)	222.7mm (W) × 125.3mm (H)	1024 x 600
View Area (V.A.)	225.9mm (W) × 127.8mm (H)	1024 x 600
Resolution	1024 × 600	90° rotated Display (600 x 1024)
Backlight	LED	-
Brightness	250 nit (DMT10600C102_01WN)	64 levels adjustment
	200 nit (DMT10600C102_01WT)	64 levels adjustment

● Voltage & Current

Item	Conditions	Min.	Typ.	Max.	Unit
	-	3.6	5.0	6.0	V
Operation Current	VCC = +5V, Backlight on	-	900	-	mA
	VCC = +5V, Backlight off	-	300	-	mA

Recommended power supply: 5V 2A DC

● Reliability Test

Item	Conditions	Min.	Typ.	Max.	Unit
Working Temperature	60%RH at 12V voltage	-20	25	60	°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
Baud Rate	Standard	1200	115200	921600	bps
	User set	1200	-	1000000	bps
Output Voltage (TXD,)	Output 1, Iout = 1mA	3.0	3.2	-	V
	Output 0, Iout = -1mA	-	0.1	0.2	V
Input Voltage (RXD)	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	10Pin_1.0mm FCC 8Pin_2.54mm socket reserved on board in option for alternative use				
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)	-	-	167	Pcs
	Picture Storage (2GB)	-	-	1516	Pcs
	Picture Storage (1GB)	-	-	745	Pcs
RAM	Variables Storage	-	56	-	KB

● Peripheral

Peripheral Acquired	
Peripheral	DMT10600C102_01WN : RTC, Buzzer DMT10600C102_01WT : 4-wire resistance touchscreen, RTC, Buzzer

● Packing Capacity & Dimension

Dimension				
Dimension	257.8(W) × 148.1(H) × 14.5(N) / 16.0(T)mm			
Net Weight	480g (DMT10600C102_01WN)			
	580g (DMT10600C102_01WT)			
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)	-	-	-

