

DMT10600T102_31W

10.2 Inches, 1024xRGBx600, 256K Colors, Android LCM



Record of Revision

Revise Date	Content
2014-09-22	First Edition

● Display

Item	Parameter	Description
Color	256K (262144) colors	18-bit color 6R6G6B
Active Area (A.A.)	222.7mm (W) ×125.3mm (H)	1024×600
View Area (V.A.)	225.9mm (W) ×127.8mm (H)	1024×600
Resolution	1024×600	
Backlight	LED	-
Brightness	300 nit (DMT10600T102_31WN)	64 levels adjustment
	250 nit (DMT10600T102_31WT)	64 levels adjustment

● Voltage & Current

Item	Conditions	Min	Typ.	Max	Unit
Power Voltage	Voltage jumper is ON	-	5.0	-	V
	Voltage jumper is OFF(Default)	6.0	12.0	42.0	V
Operation Current	VCC = +12V, Backlight on	-	400	-	mA

Recommended power supply: 12V 2A 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	-	-
Aging Test	-	-	24	-	H

● Interface

Item	Conditions	Min	Typ.	Max	Unit
Baudrate	Standard	1200	115200	921600	bps
	User define	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/O0)	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_2.54mm				
USB	Yes (USB2.0, FAT32 file format)				
SD slot	Yes (FAT32 file format)				

● Peripherals

Peripherals Acquired	
Peripherals	DMT10600T102_31WN : WIFI, Ethernet, HDMI, Analog Video DMT10600T102_31WT : Resistive touch screen, WIFI, Ethernet, HDMI, Analog Video

● Packing Capacity & Dimension

Dimension				
Dimension	257.8 (W) ×148.1 (H) ×24.6(N) / 26.1 (T)mm			
Net Weight	480g (DMT10600T102_31WN) 610g (DMT10600T102_31WT)			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1	220mm(L)×160mm(W)×47mm(H)	-	-	-
Carton2	250mm(L)×200mm(W)×80mm(H)	2	1	2
Carton3	320mm(L)×270mm(W)×80mm(H)	-	-	-
Carton4	450mm(L)×350mm(W)×300mm(H)	1	10	10
Carton5	600mm(L)×450mm(W)×300mm(H)	1	20	20

