






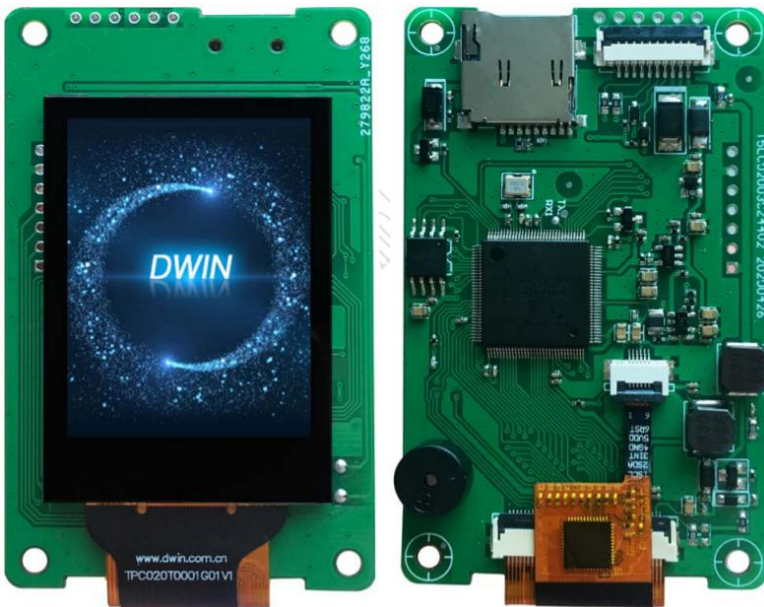
Quality Standards of DWIN HMI intelligent LCD display for commercial grade applications

- LCD is the assembled by cell glass which is cut from original TFT Flat-Panel in DWIN factory. The life of backlight LED is 20,000 hours, but to be half when highest brightness continuously work.
- The screen with a bit rate is not over 20%, the total number of dead pixels (bright spots and dark spots) are not over five. LCD without ageing and screening.
- In order to ensure stable supply, LCDs in same specification from more than 2 LCD manufactures will be adopt, and will be some slightly differences in the aspects of color reduction, light transmittance (brightness), viewing angle etc.
- Long term outdoor usage may cause damage to LCD or TP.

DGUS SERIES Based on drive IC	Platform	SDK (software development kit)	Development guide	Configuration file	Remark
T5L DGUS II	T5L	DGUS V7.624 or above  DGUS Tool V7.624.exe or DGUS updated V8.2.0.32  DGUS_Tool_V8.2.0.32.exe	T5L DGUS II application development	1. T5L51*.BIN (C language program) 2. 13Touch_Control_Config.bin 3. 14Variable_Config.bin 4. 22_config.bin 5. ICL image file 6. T5LCFG*.CFG 7. font library, WAE audio file	Mass production in 2019 Most price competitive
SDK for configure.BIN and .CFG file: Uedit32.exe 					
SDK for debug with PC: serial port debug assistant:  					



WN:
No
Touch



WTC:
Capacitive
Touch

Size:	2 inch
Model Number:	DMG32240C020_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	240*320
Aspect Ratio:	4:3
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	30.60mm (W) ×40.80mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	175mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG32240C020_03WN No touch	US\$10.67/PC
DMG32240C020_03WTR Resistive touch	US\$11.55/PC
DMG32240C020_03WTC Capacitive touch	US\$14.3/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	2.4 inch
Model Number:	DMG32240C024_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	240*320
Aspect Ratio:	4:3
LCD Type:	TN, Viewing angle 75/75/70/75
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	48.96mm (W) ×36.72mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	240mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG32240C024_03W No touch	US\$10.67/PC
DMG32240C024_03WTR Resistive touch	US\$11.55/PC
DMG32240C024_03WTC Capacitive touch	US\$14.3/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	2.8 inch
Model Number:	DMG32240C028_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	240*320
Aspect Ratio:	4:3
LCD Type:	TN, Viewing angle 75/75/70/75
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	44.20mm (W) x58.30mm (H)
Brightness(Nits):	200
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	100mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG32240C028_03WN No touch	US\$10.34/PC
DMG32240C028_03WTR Resistive touch	US\$11.22/PC
DMG32240C028_03WTC Capacitive touch	US\$14.3/PC

WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	3.5 inch
Model Number:	DMG32240C035_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	320*240
Aspect Ratio:	4:3
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	70.68mm (W) x53.16mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	175mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG32240C035_03WN No touch	US\$17.82/PC
DMG32240C035_03WTR Resistive touch	US\$18.7/PC
DMG32240C035_03WTC Capacitive touch	US\$22.77/PC



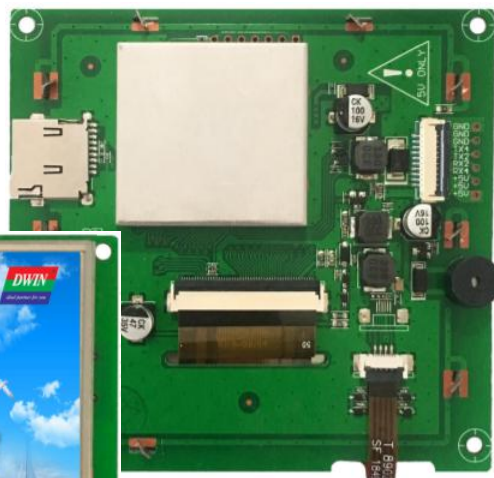
WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	3.5 inch
Model Number:	DMG48320C035_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	480*320
Aspect Ratio:	16:9
LCD Type:	IPS, Viewing anlge 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	49.0mm (W)×73.4mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	130mA@5V
Operating Tempreature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG48320C035_03WN No touch	US\$17.16/PC
DMG48320C035_03WTR Resistive touch	US\$16.94/PC
DMG48320C035_03WTC Capacitive touch	US\$19.91/PC

WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	4 inch
Model Number:	DMG48480C040_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	480*480
Aspect Ratio:	1:1
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	71.9mm (W) × 70.2mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	220mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface on WTC
EWX Unit Price (USD)	
DMG48480C040_03W No touch	US\$19.58/PC
DMG48480C040_03WTR Resistive touch	US\$21.01/PC
DMG48480C040_03WTC Capacitive touch	US\$24.09/PC

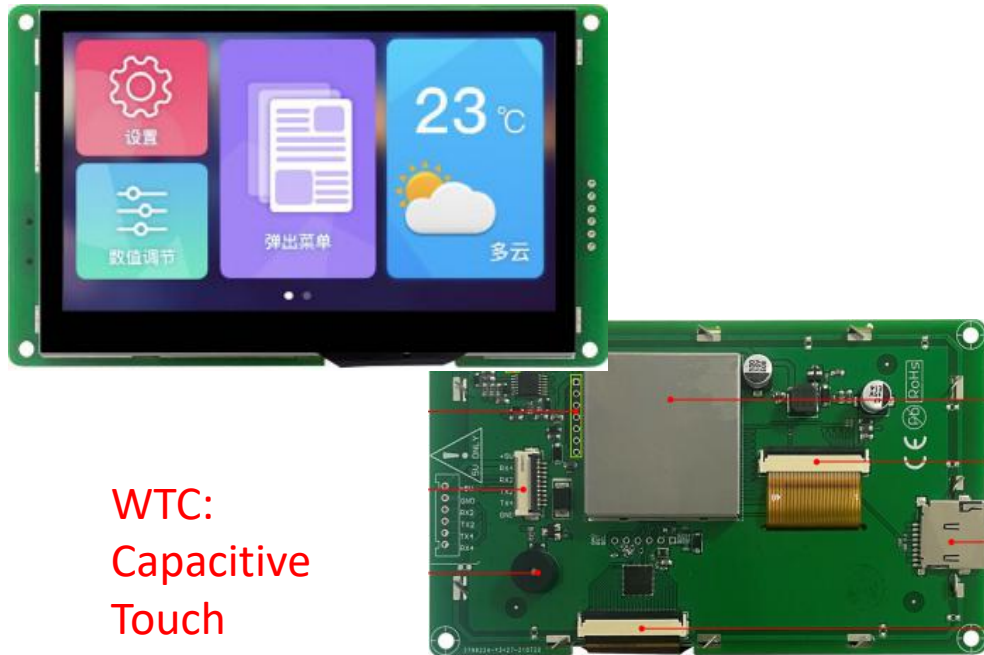


WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	4 inch
Model Number:	DMG80480C040_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	800*480
Aspect Ratio:	16:9
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	51.8mm (W) ×86.4mm (H)
Brightness(Nits):	350
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	200mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG48480C040_03WN No touch	US\$20.46/PC
DMG48480C040_03WTR Resistive touch	US\$22.33/PC
DMG48480C040_03WTC Capacitive touch	US\$24.97/PC



Size:	4.3 inch
Model Number:	DMG48270C043_05W
Drive IC:	DWIN self designed T5L0
Resolution (H*V):	480*272
Aspect Ratio:	16:9
LCD Type:	TN, TFT LCD, Normal viewing angle,70° /70° /50° /70° (L/R/U/D)
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	95.04mm (W) × 53.86mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	1A@5V
Operating Tempreature(°C):	-20°C~70°C
Build-in Nand Flash:	8MB
RTC:	No
Case:	No
User Interface:	10Pin_1.0mm latching socket for power supply and serial communication. Download rate(typical value): 12KByte/s
Remarks:	Buzzer

EWX Unit Price (USD)

DMG48480C040_03WN No touch	US\$13.75/PC
DMG48480C040_03WTR Resistive touch	US\$14.63/PC
DMG48480C040_03WTC Capacitive touch	US\$16.39/PC



WTR:
Resistive
Touch

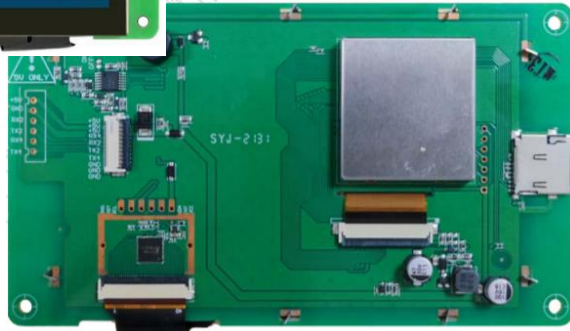


WTC:
Capacitive
Touch

Size:	4.3 inch
Model Number:	DMG80480C043_02W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	480*800
Aspect Ratio:	16:9
LCD Type:	IPS, Viewing anlg 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	56.16mm (W)×93.60mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	230mA@5V
Operating Tempreature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480C043_02WN No touch	US\$17.82/PC
DMG80480C043_02WTR Resistive touch	US\$19.58/PC
DMG80480C043_02WTC Capacitive touch	US\$22.77/PC



WTC:
Capacitive
Touch



WN:
No Touch



Size:	5 inch
Model Number:	DMG80480C050_04W
Drive IC:	DWIN self designed T5L0
Resolution (H*V):	800*480
Aspect Ratio:	16:9
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch /capacitive touch
Active Area (mm):	108.0mm (W) ×64.8mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	300mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 10 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG80480C050_04WN No touch	US\$22.77/PC
DMG80480C050_04WTC Capacitive touch	US\$26.4/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	5 inch
Model Number:	DMG80480C050_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	800*480
Aspect Ratio:	16:9
LCD Type:	TN, Viewing angle 70/70/50/70
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	108.0mm (W) x64.8mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	240mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface on WTC
EWX Unit Price (USD)	
DMG80480C050_03WN No touch	US\$23.21/PC
DMG80480C050_03WTR Resistive touch	US\$24.64/PC
DMG80480C050_03WTC Capacitive touch	US\$28.16/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	5 inch
Model Number:	DMG85480C050_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	480*854
Aspect Ratio:	16:9
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	61.6mm (W)×109.7mm (H)
Brightness(Nits):	270
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	260mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface on WTC
EWX Unit Price (USD)	
DMG85480C050_03WN No touch	US\$23.21/PC
DMG85480C050_03WTR Resistive touch	US\$24.97/PC
DMG85480C050_03WTC Capacitive touch	US\$29.37/PC



WTC:
Capacitive
Touch

Size:	5 inch
Model Number:	DMG12720C050_03WTC
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	720*1280
Aspect Ratio:	16:9
LCD Type:	PS, TFT LCD, Wide viewing angle, 85° /85° /85° /85° (L/R/U/D)
Touch Panel Type:	capacitive touch
Active Area (mm):	62.1mm (W)×110.40mm (H)
Brightness(Nits):	270
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	1A@5V
Operating Temperature(°C):	-20°C~70°C
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	10Pin_1.0mm latching socket for power supply and serial communication. Download rate(typical value): 12KByte/s
Remarks:	Buzzer, reserved WIFI module interface on WTC
EWX Unit Price (USD)	
DMG85480C050_03WTC Capacitive touch	US\$37.4/PC



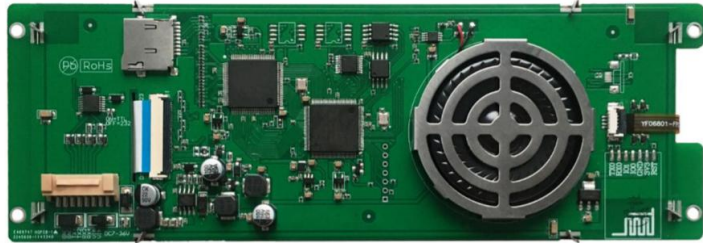
WTR:
Resistive
Touch



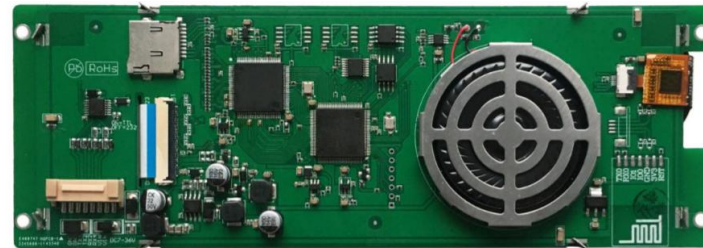
WTC:
Capacitive
Touch



Size:	5.6 inch
Model Number:	DMG64480C056_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	640*480
Aspect Ratio:	4:3
LCD Type:	TN, Viewing angle 70/70/50/70
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	112.9mm (W) ×84.7mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	750mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG64480C056_03WN No touch	US\$41.91/PC
DMG64480C056_03WTR Resistive touch	US\$45.43/PC
DMG64480C056_03WTC Capacitive touch	US\$48.07/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	6.86 inch
Model Number:	DMG12480C068_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1280*480
Aspect Ratio:	24:9
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	159.59mm (W) x59.22mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	7V ~ 36V DC, 12V suggested
Power Supply Current (mA):	400mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Built-in Speaker, reserved WIFI module interface, reserved extended 16MB Flash *2 interface
EWX Unit Price (USD)	
DMG19480C088_03WN No touch	US\$41.03/PC
DMG19480C088_03WTR Resistive touch	US\$46.31/PC
DMG19480C088_03WTC Capacitive touch	US\$49.94/PC



WTR:
Resistive
Touch

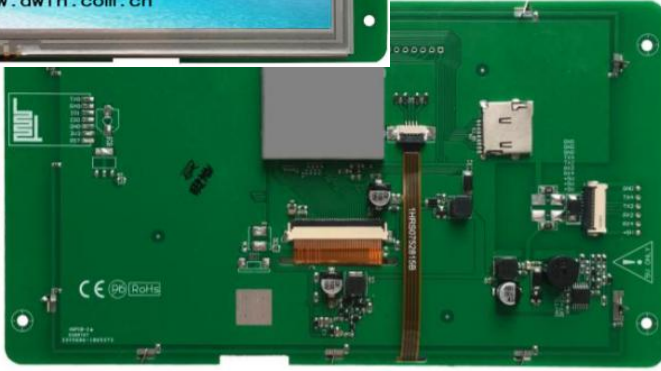


WTC:
Capacitive
Touch

Size:	7 inch
Model Number:	DMG80480C070_04W
Drive IC:	DWIN self designed T5L0
Resolution (H*V):	800*480
Aspect Ratio:	16:9
LCD Type:	TN-TV, Viewing anlge 70/70/40/30
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	154.1mm (W) ×85.9mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	500mA@5V
Operating Tempreature(°C):	-10/+60
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 10 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG80480C070_04WN No touch	US\$20.46/PC
DMG80480C070_04WTR Resistive touch	US\$22.33/PC
DMG80480C070_04WTC Capacitive touch	US\$25.85/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	7 inch
Model Number:	DMG80480C070_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	800*480
Aspect Ratio:	16:9
LCD Type:	TN, Viewing angle 70/70/50/70
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	154.1mm (W) ×85.9mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	500mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480C070_03WN No touch	US\$25.85/PC
DMG80480C070_03WTR Resistive touch	US\$27.61/PC
DMG80480C070_03WTC Capacitive touch	US\$33.0/PC



WTR:
Resistive
Touch

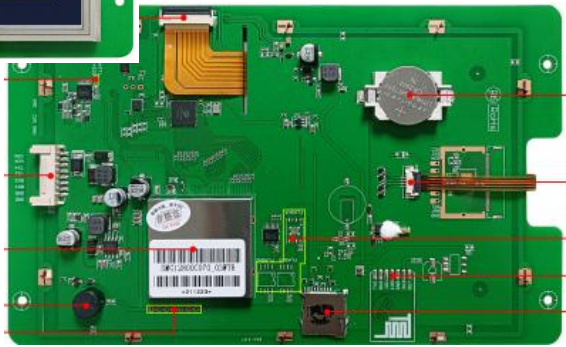


WTC:
Capacitive
Touch

Size:	7 inch
Model Number:	DMG10600C070_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1024*600
Aspect Ratio:	16:9
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	154.2mm (W) ×85.9mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	500mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480C070_03WN No touch	US\$33.0/PC
DMG80480C070_03WTR Resistive touch	US\$30.25/PC
DMG80480C070_03WTC Capacitive touch	US\$34.76/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	7 inch
Model Number:	DMG12800C070_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	800*1280
Aspect Ratio:	16:9
LCD Type:	IPS, TFT LCD, Wide viewing angle,85° /85° /85° /85° (L/R/U/D)
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	150.72mm (W)×94.20mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	12V DC
Power Supply Current (mA):	1A@12V
Operating Tempreature(°C):	-20°C~70°C
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	14KByte/s 8Pin_2.0mm socket for power supply and serial communication. Download rate(typical value): 14KByte/s
Remarks:	Buzzer, reserved WIFI module interface, USB module interface
EWX Unit Price (USD)	
DMG80480C070_03WN No touch	US\$42.79/PC
DMG80480C070_03WTR Resistive touch	US\$46.31/PC
DMG80480C070_03WTC Capacitive touch	US\$51.7/PC



Size:	8 inch
Model Number:	DMG80600C080_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	800*600
Aspect Ratio:	4:3
LCD Type:	TN, Viewing angle 70/70/50/70
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	162.0mm (W) × 121.5mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	500mA@5V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG80600C080_03WN No touch	US\$40.04/PC
DMG80600C080_03WTR Resistive touch	US\$43.67/PC
DMG80600C080_03WTC Capacitive touch	US\$47.74/PC



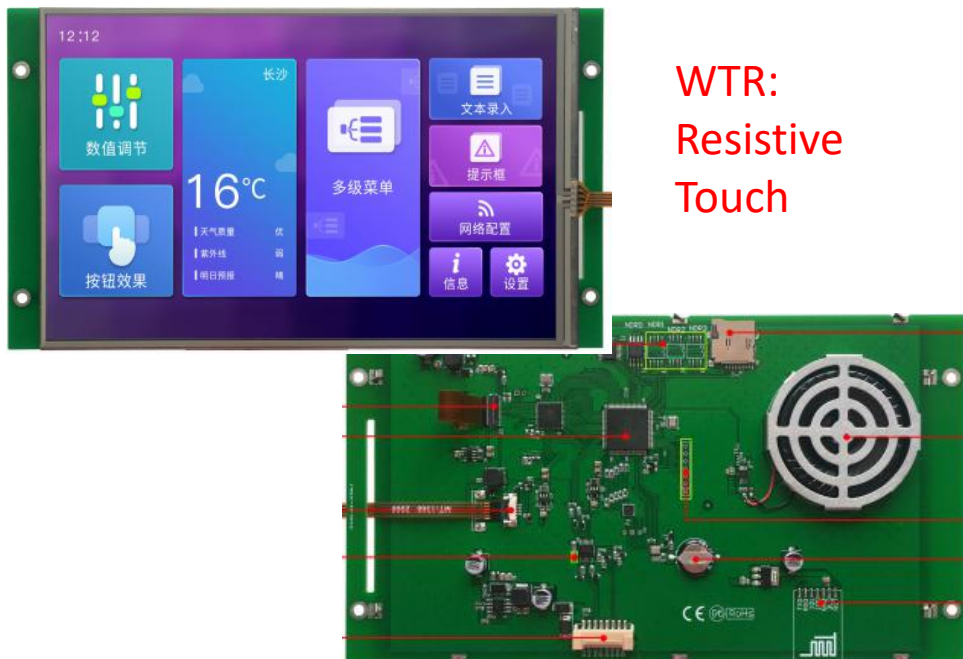
WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	8 inch
Model Number:	DMG10768C080_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1024*768
Aspect Ratio:	4:3
LCD Type:	IPS, Viewing anlg 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	162.0mm (W)×121.5mm (H)
Brightness(Nits):	280
Power Supply Voltage(V):	5V DC
Power Supply Current (mA):	600mA@5V
Operating Tempreature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer, reserved WIFI module interface for WTC
EWX Unit Price (USD)	
DMG10768C080_03WN No touch	US\$50.82/PC
DMG10768C080_03WTR Resistive touch	US\$55.22/PC
DMG10768C080_03WTC Capacitive touch	US\$59.73/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	8 inch
Model Number:	DMG12800C080_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1080*800
Aspect Ratio:	4:3
LCD Type:	IPS, TFT LCD, Wide viewing angle, 85° / 85° / 85° / 85° (L/R/U/D)
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	
Brightness(Nits):	220
Power Supply Voltage(V):	12V DC
Power Supply Current (mA):	1A@12V
Operating Temperature(°C):	-20°C~70°C
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	12KByte/s 8Pin_2.0mm socket for power supply and serial communication. Download rate(typical value): 12KByte/s
Remarks:	Buzzer, reserved WIFI module interface for WTC
EWX Unit Price (USD)	
DMG10768C080_03WN No touch	US\$34.76/PC
DMG10768C080_03WTR Resistive touch	US\$40.04/PC
DMG10768C080_03WTC Capacitive touch	US\$45.43/PC



WTR:
Resistive
Touch

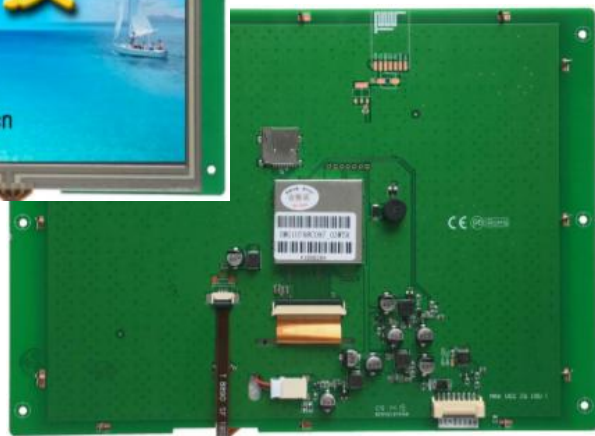


WTC:
Capacitive
Touch

Size:	8.88 inch
Model Number:	DMG19480C088_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1920*480
Aspect Ratio:	4:1
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	218.88mm (W) ×54.72mm(H)
Brightness(Nits):	300
Power Supply Voltage(V):	7V ~ 36V DC, 12V suggested
Power Supply Current (mA):	280mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Built-in Speaker, reserved WIFI module interface, reserved extended 16MB Flash *2 interface
EWX Unit Price (USD)	
DMG19480C088_03WN No touch	US\$52.58/PC
DMG19480C088_03WTR Resistive touch	US\$58.85/PC
DMG19480C088_03WTC Capacitive touch	US\$63.25/PC



WTR:
Resistive
Touch



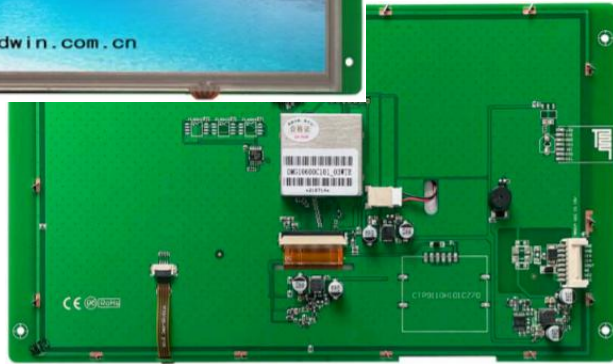
WTC:
Capacitive
Touch



Size:	9.7 inch
Model Number:	DMG10768C097_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	800*600
Aspect Ratio:	4:3
LCD Type:	EWTN, Viewing angle 75/75/75/75
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	196.6mm (W) × 147.5mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	6V ~ 15V DC, 12V suggested
Power Supply Current (mA):	270mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG10768C097_03WTN No touch	US\$55.22/PC
DMG10768C097_03WTR Resistive touch	US\$61.49/PC
DMG10768C097_03WTC Capacitive touch	US\$70.4/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	10.1 inch
Model Number:	DMG10600C101_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1024*600
Aspect Ratio:	16:9
LCD Type:	IPS, Viewing anlge 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	222.7 mm (W) × 125.3 mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	6V ~ 15V DC, 12V suggested
Power Supply Current (mA):	250mA@12V
Operating Tempreature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Buzzer, reserved WIFI module interface, reserved extended 16MB Flash *2 interface
EWX Unit Price (USD)	
DMG10600C101_03WN No touch	US\$46.31/PC
DMG10600C101_03WTR Resistive touch	US\$50.82/PC
DMG10600C101_03WTC Capacitive touch	US\$61.6/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	10.4 inch
Model Number:	DMG80600C104_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	800*600
Aspect Ratio:	4:3
LCD Type:	TN, Viewing angle 70/70/50/70
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	211.2 mm (W) × 158.4 mm (H)
Brightness(Nits):	350
Power Supply Voltage(V):	6V ~ 15V DC, 12V suggested
Power Supply Current (mA):	350mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Buzzer, reserved WIFI module interface
EWX Unit Price (USD)	
DMG80600C104_03WN No touch	US\$70.4/PC
DMG80600C104_03WTR Resistive touch	US\$78.43/PC
DMG80600C104_03WTC Capacitive touch	US\$83.71/PC

WTR:
Resistive
Touch



WTC:
Capacitive
Touch



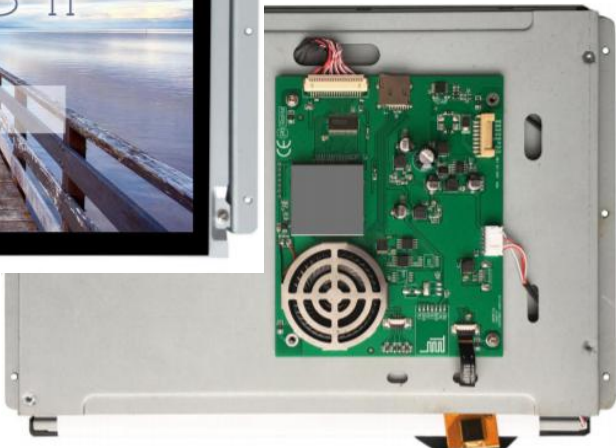
Size:	10.4 inch
Model Number:	DMG10768C104_03W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1024*768
Aspect Ratio:	4:3
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	211.20mm (W)×158.40mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	7V ~ 36V DC, 12V suggested
Power Supply Current (mA):	400mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	32MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Build-in speaker, reserved WIFI module interface,
EWX Unit Price (USD)	
DMG10768C104_03WN No touch	US\$67.76/PC
DMG10768C104_03WTR Resistive touch	US\$74.8/PC
DMG10768C104_03WTC Capacitive touch	US\$80.19/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	12.1 inch
Model Number:	DMG80600C121_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	800*600
Aspect Ratio:	4:3
LCD Type:	EWTN, Viewing angle 75/75/75/75
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	246.00mm (W) ×184.50mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	12V ~ 36V DC, 12V suggested
Power Supply Current (mA):	719mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Build-in speaker, reserved WIFI module interface
EWX Unit Price (USD)	
DMG80600C121_03WN No touch	US\$103.4/PC
DMG80600C121_03WTR Resistive touch	US\$115.83/PC
DMG80600C121_03WTC Capacitive touch	US\$122.98/PC



Size:	12.1 inch
Model Number:	DMG12800C121_02WTC
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1280*800
Aspect Ratio:	16:9
LCD Type:	EWTN, Viewing angle 75/75/75/75
Touch Panel Type:	Capacitive touch
Active Area (mm):	261.12mm (W) ×163.20mm (H)
Brightness(Nits):	440
Power Supply Voltage(V):	12V ~ 36V DC, 12V suggested
Power Supply Current (mA):	1320mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	32MB
RTC:	Yes, Farad Capacitor
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Reserved speaker interface & WIFI module interface
EWX Unit Price (USD)	
DMG12800C121_02WTC Capacitive touch	US\$156.75/PC

WTR:
Resistive Touch



Size:	15 inch
Model Number:	DMG10768C150_03W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	1024*768
Aspect Ratio:	4:3
LCD Type:	EWTN, Viewing angle 75/75/75/75
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	304.13mm (W) ×228.10mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	12V ~ 36V DC, 12V suggested
Power Supply Current (mA):	720mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	32MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Build-in speaker, reserved WIFI module interface

EWX Unit Price (USD)

DMG10768C150_03WN No touch	US\$122.98/PC
DMG10768C150_03WTR Resistive touch	US\$138.93/PC
DMG10768C150_03WTC Capacitive touch	US\$140.8/PC

WTC:
Capacitive Touch





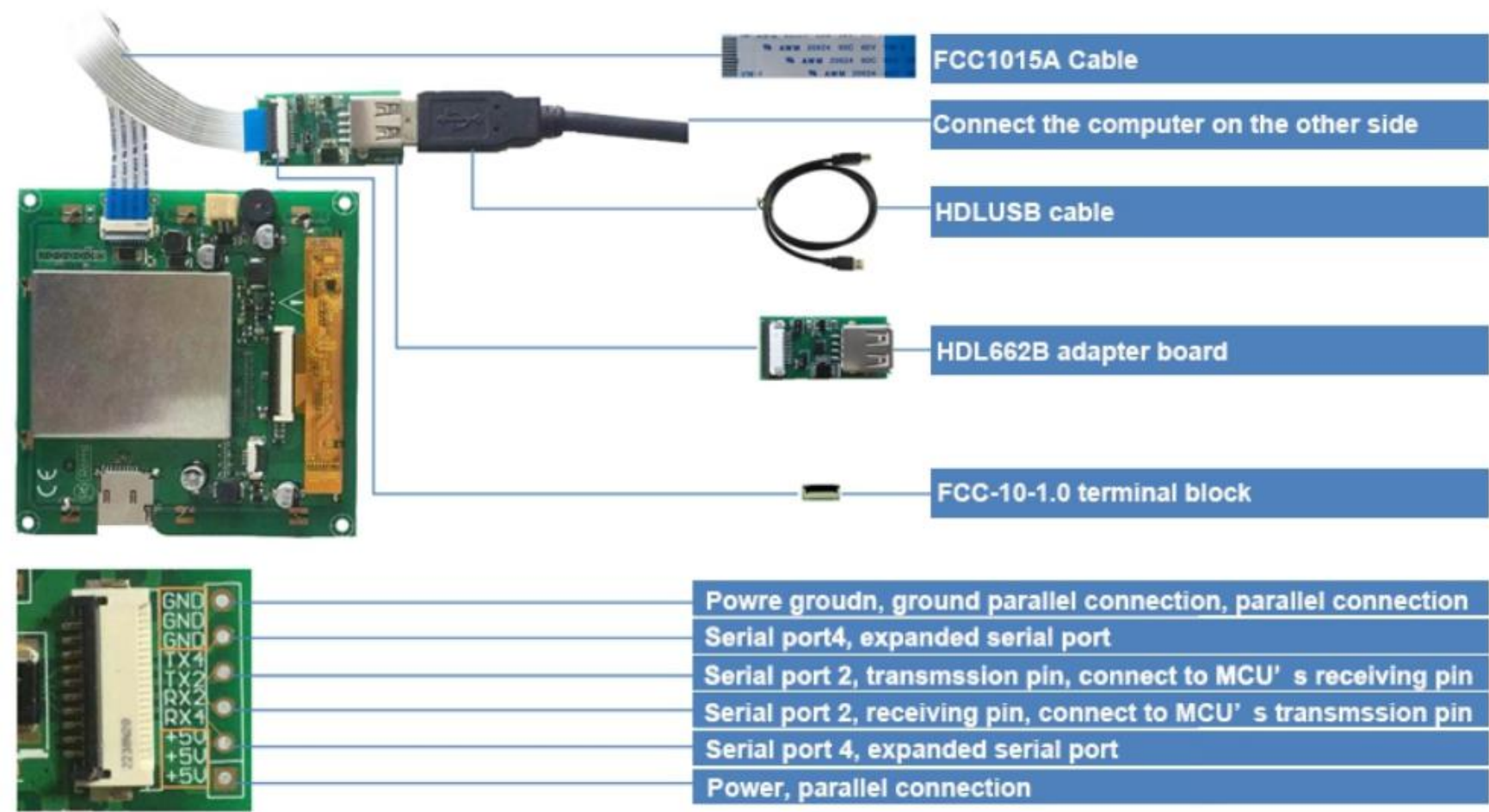
Size:	15.6 inch
Model Number:	DMG13768C156_03WTC
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1366*768
Aspect Ratio:	16:9
LCD Type:	EWTN, Viewing angle 75/75/75/75
Touch Panel Type:	Capacitive touch
Active Area (mm):	343.23mm (W) ×192.54mm (H)
Brightness(Nits):	200
Power Supply Voltage(V):	12V ~ 30V DC, 12V suggested
Power Supply Current (mA):	370mA@12V
Operating Temperature(°C):	0/+50
Build-in Nand Flash:	32MB
RTC:	No
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Build-in speaker, reserved WIFI module interface
EWX Unit Price (USD)	
DMG13768C156_03WTC Capacitive touch	US\$153.23/PC



Size:	18.5 inch
Model Number:	DMG13768C185_03WTC
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1366*768
Aspect Ratio:	16:9
LCD Type:	EWTN, Viewing angle 75/75/75/75
Touch Panel Type:	Capacitive touch
Active Area (mm):	409.8mm (W) ×230.4mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	12V ~ 30V DC, 12V suggested
Power Supply Current (mA):	1040mA@12V
Operating Temperature(°C):	-20/+60
Build-in Nand Flash:	32MB
RTC:	Yes, Farad Capacitor
Case:	No
User Interface:	RS232 or TTL, 8 pin interface
Remarks:	Build-in speaker, reserved WIFI module interface
EWX Unit Price (USD)	
DMG13768C156_03WTC Capacitive touch	US\$174.57/PC

Extra cables needed for debugging with PC or MCU of 10 pin interface LCD:

One-end of the different side FCC row line is connected to terminal block of the screen, and the other end is connected to the DWIN HDL662B adapter board, both blue side face up. One-end of the double-male USB cable is connected to the adapter board, and the other end is connected to the computer for communication.



Extra cables needed for debugging with PC or MCU of 8 pin interface LCD:



- Power ground, ground parallel connection, parrallel connection
- RX3 expanded serial port
- Serial port, receiving pin, connect to control board transmission pin
- Serial port, transimission pin, coonect to control board receivin pin
- TX3, expanded serial port
- Power, parrallel connection

Support customizing for all below elements:

Customizable	Capacitive TP
Customizable	Resistive TP
Customizable	LCD brightness
Customizable	Communication interface
Customizable	Lead out IO/ADC/PWM peripheral interfaces
Customizable	PCB shape