

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

- LCD screen is from original factory. LED backlight life is (The time to halve the brightness when highest brightness continuously work) 30,000 hours, allowed dot rate is not over 10%. Total number of dead pixels (bright spots and dark spots) are not over 3 in A area.
- 30-day ageing and screening for all LCD and 72-hour at 50°C ageing with power for whole screen screen before it leaves the factory.
- Three proofings for PCB.

DGUS SERIES Based on drive IC	Platform	SDK (software development kit)	Development guide	Configuation file	Remark
T5L DGUS II	T5L	<p>DGUS V7.624 or above  DGUS Tool V7.624.exe</p> <p>or DGUS updated V8.2.0.32  DGUS_Tool_V8.2.0.32.exe</p>	T5L DGUS II application developer	<p>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</p>	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:  sscom5.13  sscom32					

WTR:
Resistive
Touch



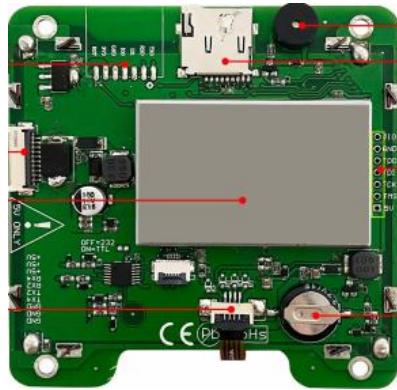
WTC:
Capacitive
Touch



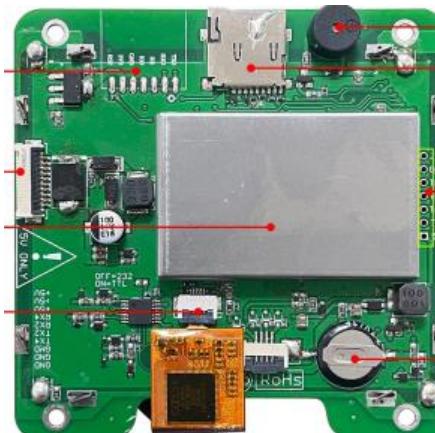
Size:	3 inch
Model Number:	DMG64360T030_01W
Drive IC:	DWIN self designed T5L0
Resolution (H*V):	360*640
Aspect Ratio:	16:9
LCD Type:	IPS, Viewing angle 85/85/85/85
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	65.3mm (W)x36.7mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	5V DC
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG64360T030_01WN No touch	US\$16.06/PC
DMG64360T030_01WTR Resistive touch	US\$17.82/PC
DMG64360T030_01WTC Capacitive touch	US\$20.46/PC



WTR:
Resistive
Touch



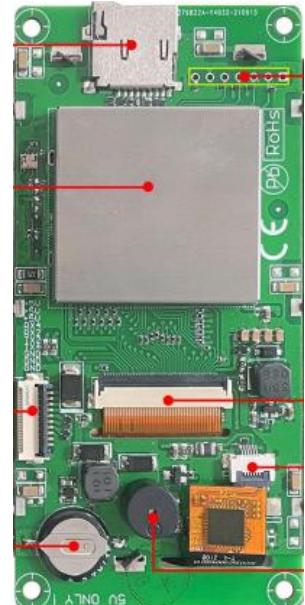
WTC:
Capacitive
Touch



Size:	3.5 inch
Model Number:	DMG64480T035_01W
Drive IC:	DWIN self designed T5L0
Resolution (H*V):	640*480
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):	70.1mm (W)×52.6mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG64480T035_01WN No touch	US\$26.73/PC
DMG64480T035_01WTR Resistive touch	US\$28.6/PC
DMG64480T035_01WTC Capacitive touch	US\$32.12/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	3.5 inch
Model Number:	DMG80480T035_01W
Drive IC:	DWIN self designed T5L0
Resolution (H*V):	640*480
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):	70.1mm (W)×52.6mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	5V DC
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL, 10 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG80480T035_01WN No touch	US\$26.73/PC
DMG80480T035_01WTR Resistive touch	US\$28.6/PC
DMG80480T035_01WTC Capacitive touch	US\$32.12/PC

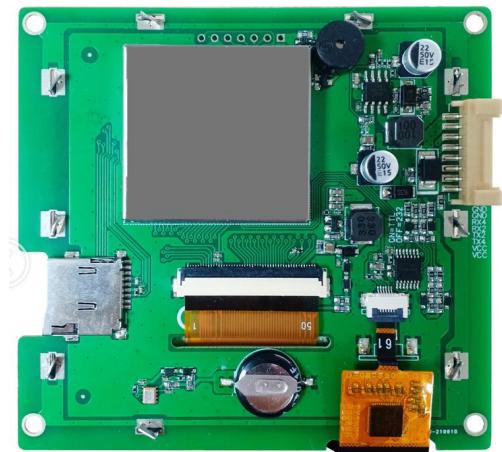


**WTR:
Resistive
Touch**

**WTC:
Capacitive
Touch**

Size:	4 inch
Model Number:	DMG80480T040_01W
Drive IC:	DWIN self designed T5L0
Resolution (H*V):	800*480
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):	86.0mm (W)×51.4mm (H)
Brightness(Nits):	400
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>118mA@12V</u>
Operating Tempreature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG80480T040_01WN No touch	US\$24.97/PC
DMG80480T040_01WTR Resistive touch	US\$27.61/PC
DMG80480T040_01WTC Capacitive touch	US\$32.12/PC

WTR:
Resistive Touch



WTC:
Capacitive Touch

Size:	4 inch
Model Number:	DMG48480T040_01W
Drive IC:	DWIN self designed T5L0
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):	270
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	135mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer
EWX Unit Price (USD)	
DMG48480T040_01WN No touch	US\$24.97/PC
DMG48480T040_01WTR Resistive touch	US\$27.61/PC
DMG48480T040_01WTC Capacitive touch	US\$32.12/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	4.3 inch
Model Number:	DMG80480T043_01W
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 / resistive touch / capacitive touch
Active Area (mm):	93.60mm (W)×56.16mm (H)
Brightness(Nits):	270
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>120mA@12V</u>
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480T043_01WN No touch	US\$26.73/PC
DMG80480T043_01WTR Resistive touch	US\$28.49/PC
DMG80480T043_01WTC Capacitive touch	US\$31.13/PC

**WTR:
Resistive
Touch**



**WTC:
Capacitive
Touch**

Size:	4.3 inch
Model Number:	DMG80480T043_09W
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 / resistive touch / capacitive touch
Active Area (mm):	93.60mm (W)×56.16mm (H)
Brightness(Nits):	810
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480T043_09WN No touch	US\$32.12/PC
DMG80480T043_09WTR Resistive touch	US\$37.4/PC
DMG80480T043_09WTC Capacitive touch	US\$41.03/PC



**WTR:
Resistive
Touch**



**WTC:
Capacitive
Touch**

Size:	5 inch
Model Number:	DMG80480T050_02W
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 / resistive touch / capacitive touch
Active Area (mm):	108.0mm (W)×64.8mm (H)
Brightness(Nits):	270
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	186mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480T050_02WN No touch	US\$29.37/PC
DMG80480T050_02WTR Resistive touch	US\$32.12/PC
DMG80480T050_02WTC Capacitive touch	US\$34.76/PC



**WTR:
Resistive
Touch**



**WTC:
Capacitive
Touch**

Size:	5 inch
Model Number:	DMG80480T050_09W
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 / resistive touch / capacitive touch
Active Area (mm):	108.0mm (W)×64.8mm (H)
Brightness(Nits):	810
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480T050_09WN No touch	US\$37.4/PC
DMG80480T050_09WTR Resistive touch	US\$42.79/PC
DMG80480T050_09WTC Capacitive touch	US\$45.43/PC



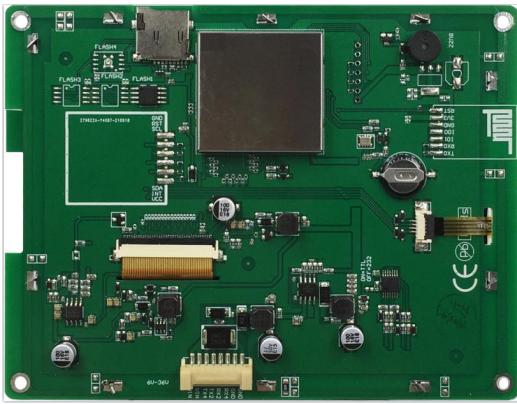
**WTR:
Resistive
Touch**



**WTC:
Capacitive
Touch**

Size:	5 inch
Model Number:	DMG12720T050_01W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1280*720
Aspect Ratio:	16:9
LCD Type:	IPS viewing angle, 85°/85°/85°/85°
Touch Panel Type:	2 options: resistive touch / capacitive touch
Active Area (mm):	110.4mm (W)×62.1mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	165mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG12720T050_01WTR Resistive touch	US\$49.94/PC
DMG12720T050_01WTC Capacitive touch	US\$46.31/PC

**WTR:
Resistive Touch**

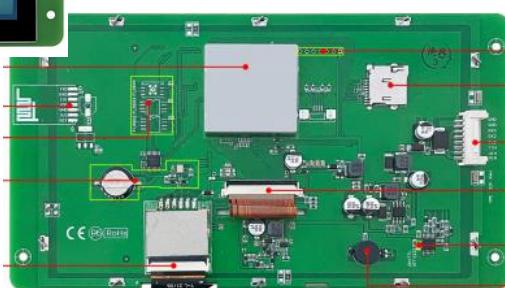


**WTC:
Capacitive Touch**

Size:	5.6 inch
Model Number:	DMG64480T056_01W
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):	112.90mm (W)×84.67mm (H)
Brightness(Nits):	180
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>240mA@12V</u>
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG64480T056_01WN No touch	US\$56.98/PC
DMG64480T056_01WTR Resistive touch	US\$60.61/PC
DMG64480T056_01WTC Capacitive touch	US\$64.13/PC



WTR:
Resistive Touch

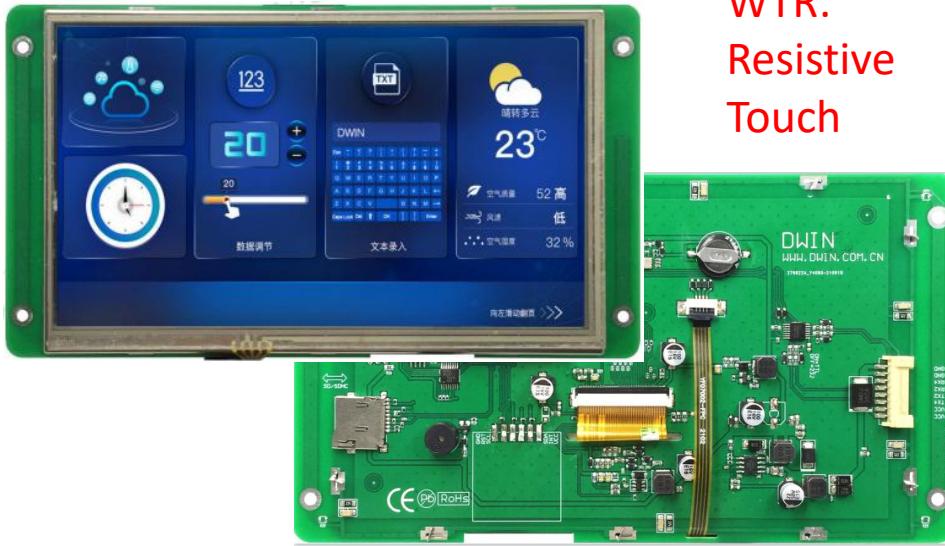


WTC:
Capacitive Touch

Size:	7 inch
Model Number:	DMG80480T070_05W
Drive IC:	DWIN self designed T5L0
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):	154.08mm (W)×85.92mm (H)
Brightness(Nits):	270
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>260mA@12V</u>
Operating Tempreature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480T070_05WN No touch	US\$39.16/PC
DMG80480T070_05WTR Resistive touch	US\$42.79/PC
DMG80480T070_05WTC Capacitive touch	US\$46.31/PC



Size:	7 inch
Model Number:	DMG80480T070_09W
Drive IC:	DWIN self designed T5L0
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):	154.08mm (W)×85.92mm (H)
Brightness(Nits):	810
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80480T070_09WN No touch	US\$48.07/PC
DMG80480T070_09WTR Resistive touch	US\$55.22/PC
DMG80480T070_09WTC Capacitive touch	US\$58.74/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	7 inch
Model Number:	DMG10600T070_01W
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):	154.21mm (W)×85.92mm (H)
Brightness(Nits):	280
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Power Supply Current (mA):	265mA@12V
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10600T070_01WN No touch	US\$43.67/PC
DMG10600T070_01WTR Resistive touch	US\$48.07/PC
DMG10600T070_01WTC Capacitive touch	US\$51.7/PC

WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	7 inch
Model Number:	DMG10600T070_09W
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
View Area (mm):	154.21mm (W)×85.92mm (H)
Brightness(Nits):	650
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Power Supply Current (mA):	320mA@12V
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10600T070_09WN No touch	US\$52.58/PC
DMG10600T070_09WTR Resistive touch	US\$60.61/PC
DMG10600T070_09WTC Capacitive touch	US\$64.13/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	7 inch
Model Number:	DMG12800T070_01W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1280*800
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):	149.76mm (W)×93.60mm (H)
Brightness(Nits):	270
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Power Supply Current (mA):	295mA@12V
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG12800T070_01WN No touch	US\$83.71/PC
DMG12800T070_01WTR Resistive touch	US\$90.86/PC
DMG12800T070_01WTC Capacitive touch	US\$98.01/PC

WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	8 inch
Model Number:	DMG80600T080_02W
Drive IC:	DWIN self designed T5L2
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):	162.00mm (W)×121.50mm (H)
Brightness(Nits):	350
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Tempreature(°C):	-20/+70
Power Supply Current (mA):	270mA@12V
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80600T080_02WN No touch	US\$52.58/PC
DMG80600T080_02WTR Resistive touch	US\$61.49/PC
DMG80600T080_02WTC Capacitive touch	US\$67.65/PC

WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	8 inch
Model Number:	DMG80600T080_09W
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):	162.00mm (W)×121.50mm (H)
Brightness(Nits):	810
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80600T080_09WN No touch	US\$70.4/PC
DMG80600T080_09WTR Resistive touch	US\$81.95/PC
DMG80600T080_09WTC Capacitive touch	US\$87.34/PC

WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	8 inch
Model Number:	DMG12800T080_01W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1280×800
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):	172.22mm (W)×107.64mm (H)
Brightness(Nits):	230
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Power Supply Current (mA):	<u>205mA@12V</u>
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG12800T080_01WN No touch	US\$64.13/PC
DMG12800T080_01WTR Resistive touch	US\$73.04/PC
DMG12800T080_01WTC Capacitive touch	US\$80.19/PC

WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	8 inch
Model Number:	DMG10768T080_01W
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):	162.0mm (W)×121.5mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Power Supply Current (mA):	<u>215mA@12V</u>
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10768T080_01WN No touch	US\$60.61/PC
DMG10768T080_01WTR Resistive touch	US\$69.52/PC
DMG10768T080_01WTC Capacitive touch	US\$74.8/PC

WTR: Resistive Touch



WTC: Capacitive Touch



Size:	8.8 inch
Model Number:	DMG19480T088_01W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1920*480
LCD Type:	IPS viewing angle,85°/85°/85°/85°
Touch Panel Type:	3 options: no touch / resistive touch / capacitive touch
Active Area (mm):	1218.9mm (W)×54.7mm (H)
Brightness(Nits):	270
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Power Supply Current (mA):	170mA@12V
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG19480T088_01WN No touch	US\$71.28/PC
DMG19480T088_01WTR Resistive touch	US\$80.19/PC
DMG19480T088_01WTC Capacitive touch	US\$85.58/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	9.7 inch
Model Number:	DMG10768T097_01W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1024*768
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):	196.61mm (W)×147.46mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Power Supply Current (mA):	290mA@12V
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10768T097_01WN No touch	US\$73.04/PC
DMG10768T097_01WTR Resistive touch	US\$83.71/PC
DMG10768T097_01WTC Capacitive touch	US\$88.22/PC



**WTR:
Resistive
Touch**



**WTC:
Capacitive
Touch**

Size:	10.1 inch
Model Number:	DMG10600T101_01W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1024*600
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):	222.72mm (W)×125.28mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Power Supply Current (mA):	<u>260mA@12V</u>
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10600T101_01WN No touch	US\$67.65/PC
DMG10600T101_01WTR Resistive touch	US\$76.56/PC
DMG10600T101_01WTC Capacitive touch	US\$83.71/PC

**WTR:
Resistive
Touch**



**WTC:
Capacitive
Touch**

Size:	10.1 inch
Model Number:	DMG10600T101_09W
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):	222.72mm (W)×125.3mm (H)
Brightness(Nits):	600
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+60
Power Supply Current (mA):	440mA@12V
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10600T101_09WN No touch	US\$87.34/PC
DMG10600T101_09WTR Resistive touch	US\$99.77/PC
DMG10600T101_09WTC Capacitive touch	US\$110.44/PC



**WTR:
Resistive
Touch**



**WTC:
Capacitive
Touch**

Size:	10.1 inch
Model Number:	DMG12800T101_01W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1280*800
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):	216.96mm (W)×135.60mm (H)
Brightness(Nits):	360
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG12800T101_01WN No touch	US\$85.58/PC
DMG12800T101_01WTR Resistive touch	US\$94.38/PC
DMG12800T101_01WTC Capacitive touch	US\$101.53/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	10.4 inch
Model Number:	DMG80600T104_01W
Drive IC:	DWIN self designed T5L2
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):	210.2mm (W)×158.4mm (H)
Brightness(Nits):	310
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	390mA@12V
Operating Temperature(°C):	-20/+60
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80600T104_01WN No touch	US\$74.8/PC
DMG80600T104_01WTR Resistive touch	US\$92.62/PC
DMG80600T104_01WTC Capacitive touch	US\$99.77/PC



WTR:
Resistive Touch



WTC:
Capacitive Touch



Size:	10.4 inch
Model Number:	DMG10768T104_01W
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):	270
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>510mA@12V</u>
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10768T104_01WN No touch	US\$87.34/PC
DMG10768T104_01WTR Resistive touch	US\$98.01/PC
DMG10768T104_01WTC Capacitive touch	US\$103.4/PC



WTR:
Resistive Touch



WTC:
Capacitive Touch



Size:	10.4 inch
Model Number:	DMG10768T104_09W
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):	810
Power Supply Voltage(V):	6~36V, suggested 12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10768T104_09WN No touch	US\$106.922/PC
DMG10768T104_09WTR Resistive touch	US\$122.98/PC
DMG10768T104_09WTC Capacitive touch	US\$133.65/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	12.1 inch
Model Number:	DMG80600T121_01W
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):	246.00mm (W)×184.50mm (H)
Brightness(Nits):	360
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>685mA@12V</u>
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG80600T121_01WN No touch	US\$133.65/PC
DMG80600T121_01WTR Resistive touch	US\$151.47/PC
DMG80600T121_01WTC Capacitive touch	US\$163.9/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch



Size:	12.1 inch
Model Number:	DMG10768T121_01W
Drive IC:	DWIN self designed T5L1
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):	245.76mm (W)×184.32mm (H)
Brightness(Nits):	360
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	1100mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10768T121_01WN No touch	US\$174.57/PC
DMG10768T121_01WTR Resistive touch	US\$192.5/PC
DMG10768T121_01WTC Capacitive touch	US\$204.93/PC



WTR:
Resistive
Touch



WTC:
Capacitive
Touch

Size:	15.0 inch
Model Number:	DMG10768T150_01W
Drive IC:	DWIN self designed T5L1
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):	304.13mm (W)×228.10mm (H)
Brightness(Nits):	310
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	730mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	No
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10768T150_01WN No touch	US\$151.47/PC
DMG10768T150_01WTR Resistive touch	US\$174.57/PC
DMG10768T150_01WTC Capacitive touch	US\$187/PC



Size:	4.3 inch
Model Number:	DMG80480T043_A5W
Drive IC:	DWIN self designed T5L1
Resolution (H*V):	800x480
Aspect Ratio:	16:9
LCD Type:	IPS viewing angle,85°/85°/85°/85°
Touch Panel Type:	2 options:resistive touch / capacitive touch
Active Area (mm):	55.76mm (W) ×93.2mm (H)
Brightness(Nits):	260
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	100mA@12V
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	32MB
RTC:	Yes
Case:	Yes
User Interface:	TTL or RS232, 8 pin interface
Remarks:	Speaker
EWX Unit Price (USD)	
DMG80480T043_A5WTR Resistive touch	US\$30.25/PC
DMG80480T043_A5WTC Capacitive touch	US\$33.88/PC



Size:	5 inch
Model Number:	DMG80480T050_A5W
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:	2 options:resistive touch / capacitive touch
Active Area (mm):	65.6mm (W) ×108.8mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	130mA@12V
Operating Tempreature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	Yes
User Interface:	RS485 or RS232, 8 pin interface
Remarks:	Speaker
EWX Unit Price (USD)	
DMG80480T043_A5WTR Resistive touch	US\$37.4/PC
DMG80480T043_A5WTC Capacitive touch	US\$39.16/PC



Size:	7 inch
Model Number:	DMG80480T070_15WTR
Drive IC:	DWIN self designed T5L
Resolution (H*V):	800×480
Aspect Ratio:	16:9
LCD Type:	TN viewing angle
Touch Panel Type:	1 option:Resistive touch
Active Area (mm):	154.20mm (W) ×85.88mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>300mA@12V</u>
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	Yes
User Interface:	RS485 or RS232, 8 pin interface
Remarks:	Speaker
EWX Unit Price (USD)	
DMG80480T070_15WTR Resistive touch	US\$37.4/PC



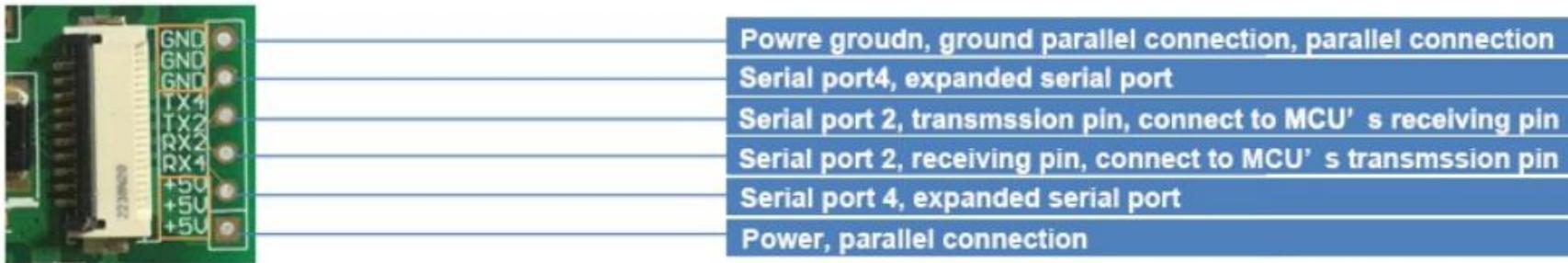
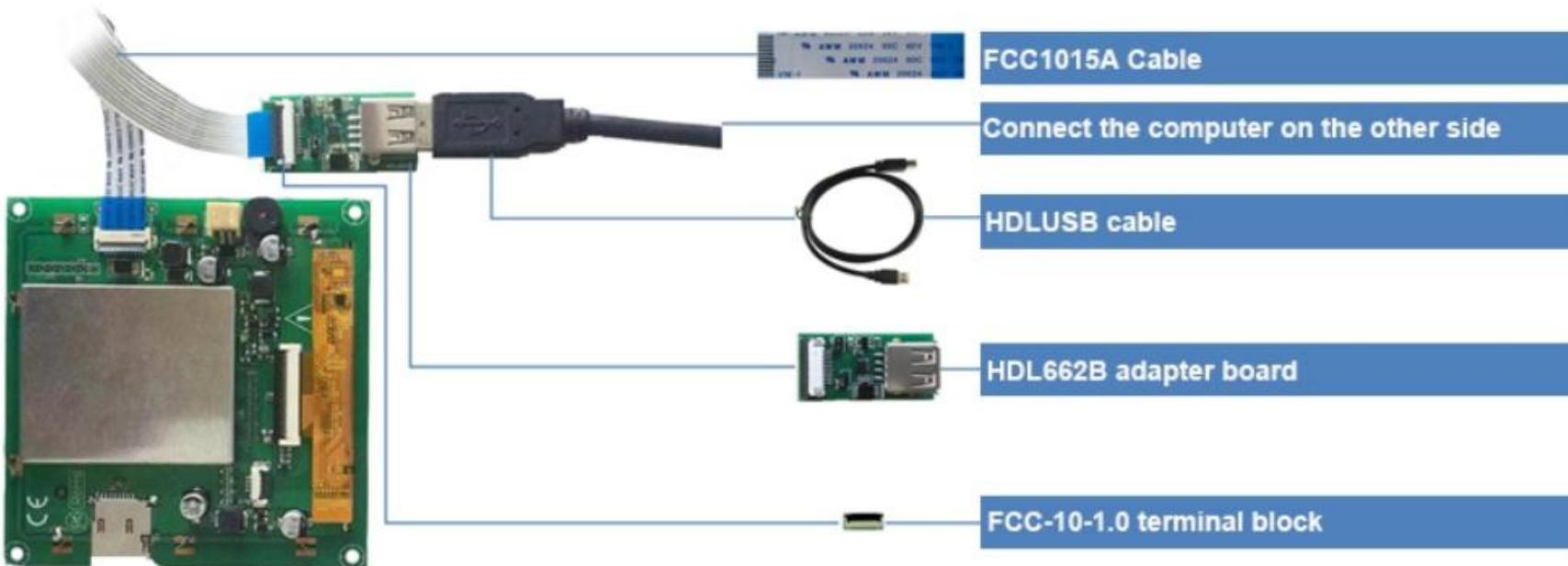
Size:	7 inch
Model Number:	DMG10600T070_A5W
Drive IC:	DWIN self designed T5L
Resolution (H*V):	1024x600
Aspect Ratio:	16:9
LCD Type:	IPS viewing angle,85°/85°/85°/85°
Touch Panel Type:	2 options:resistive touch / capacitive touch
Active Area (mm):	154.20mm (W) ×85.88mm (H)
Brightness(Nits):	300
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>300mA@12V</u>
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	Yes
User Interface:	RS485 or RS232, 8 pin interface
Remarks:	Speaker , CAN bus interface
EWX Unit Price (USD)	
DMG10600T070_A5WTR Resistive touch	US\$46.31/PC
DMG10600T070_A5WTC Capacitive touch	US\$53.13/PC



Size:	10.1 inch
Model Number:	DMG10600T101_A5W
Drive IC:	DWIN self designed T5L2
Resolution (H*V):	1024x600
Aspect Ratio:	16:9
LCD Type:	IPS viewing angle,85°/85°/85°/85°
Touch Panel Type:	1 option:capacitive touch
Active Area (mm):	222.70mm (W) ×125.30mm (H)
Brightness(Nits):	250
Power Supply Voltage(V):	6~36V, suggested 12V
Power Supply Current (mA):	<u>380mA@12V</u>
Operating Temperature(°C):	-20/+70
Build-in Nand Flash:	16MB
RTC:	Yes
Case:	Yes
User Interface:	RS485 or RS232, 8 pin interface
Remarks:	Buzzer,reserved WIFI module interface
EWX Unit Price (USD)	
DMG10600T101_A5WTC Capacitive touch	US\$98.01/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:

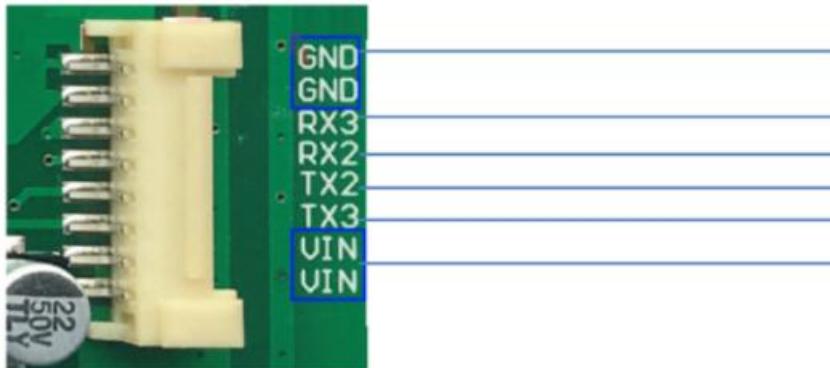


SD card, use to download DWIN_SET project file
Small card can be pulled out from the tail

HDL65011 cable
Nine frame head for communication
Black terminal connected to power

HDL65013 cable connects screen to control board.
It can be used with terminal block after mass production

8PIN 2.0 terminal block, 2.0mm pin space,
can be welded on the control board



Power ground, ground parallel connection, parallel connection

RX3 expanded serial port

Serial port, receiving pin, connect to control board transmission pin
Serial port, transmission pin, connect to control board receiving pin
TX3, expanded serial port

Power, parallel connection