



DWIN PRODUCT CATALOG

INTRODUCTION

Beijing headquarter	2003
Manufacturing Center	Over 400,000 m ²
Employees	Over 1500
R&D personnel	Over 150

WHY CHOOSE US?

● Industry experience

DWIN was founded in 2003 at Zhongguancun, and now has become the top supplier of smart LCMs in China which has set up regional marketing and application support team in China as well as overseas countries such as Poland, Brazil and the United States so on.

● R&d capability

DWIN invests 30% of its profits in R&D each year, and owns hundreds of patents covering from ASIC architecture to application solutions.

● Manufacture ability

DWIN has built manufacturing and service base whose total factory area is about 400,000 square meters in Hunan. It covers the whole production process from glass cleaning, cutting, IC bonding, laminating and backlight assembly. The touch panel line with an capacity of 20K-30K pieces per day.

● Stable supply and price

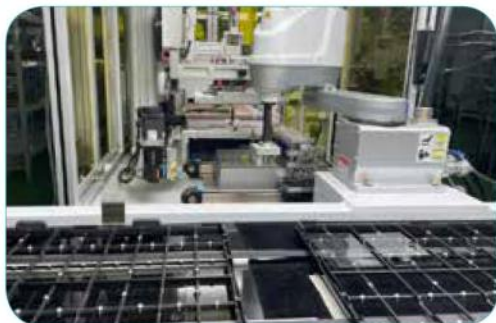
Establish long-term cooperation with the world's leading brands with direct supply.

● Short delivery time

Greatly shorten the delivery time because of the mature industrial chain.



Comprehensive and considerate services based on the industrial chain of DWIN Hunan Science and Technology Park.



DWIN can provide timely pre-sales and after-sales services to domestic and overseas customers.



Overseas customer service
The USA, Poland, Israel and other regions.



Headquarter—Beijing
Located in Nation Defense Science and Technology Park, Haidian District.
Office area 3000m²



• **Manufacturing Base—Taoyuan city**
Manufacturing and service base with a building area of 400,000 m²

• **Changsha, Hunan—Changsha office**

DWIN CPU (ASIC)

T5L is a low-power, cost-effective dual-core 8051 human-machine interface dedicated ASIC designed by DWIN for AIoT application requirements. Among them, T5L1 and T5L2 were officially mass-produced in January 2019, and quickly won the favor of customers and became the new favorites in the market. In July 2020, the T5L0 of the 18bit color cost reduction program was officially mass-produced.

Category	Model	Picture	Max. Resolution		Description	Packing Qty.
			DGUS	TA		
ASIC	T5L0		854*480	1024*768	DGUS II ASIC,Dual cores,built-in display buffer,18bit RGB interface,Industrial-grade.	1000
ASIC	T5L1		800*600	1366*768	DGUS II ASIC, Dual cores, built-in display buffer,24bit RGB interface,Industrial-grade	1000
ASIC	T5L2		1366*768	1920*1080	DGUS II ASIC,Dual cores,built-in display buffer,24bit RGB interface,Industrial-grade.	1000



T5L0 is an 18-bit low-cost version of T5L1.

1Mbytes Flash, 1Mbytes SRAM,

3Mbytes VRAM, 40nm process,

The maximum resolution is 1024*768, 18-bit color.

T5L1 and T5L2 are divided according to the different display resolutions.

Used 55nm and 40nm processes respectively to ensure the best cost performance for users.

CPU performance

350MHz frequency dual 8051 core operation, JPEG hardware acceleration.

64-bit MDU (arithmetic unit), lower power consumption, higher cost performance.

Display performance

200MPPS JPEG hardware decoder, 800*600 full-screen picture display only needs 5mS.

Full hardware 2D acceleration, 2.4GBytes/S video memory bandwidth, upgrade the UI from text interaction to icon and animation interaction.

The UI interface is all compressed and stored by JPEG, the storage density is increased by more than 10 times, and the storage cost is saved.

Peripherals

Integrate 8-channel 1MSPS 12-bit AD and 4-channel 1GHz 16-bit PWM, which is convenient for touch screen, music and voice recognition applications.

The integrated long-line FSK transceiver with a rate of up to 100Mbps is convenient for remote and high-speed networking applications.

Integrate 5 full-duplex UARTs, 1 CAN interface and 20 IOs.

Other properties

LQFP128 package, -40/+85°C operating temperature range.

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1.UART PRODUCT

1.1 DEFINITION OF DWIN SCREEN

1.1.1 NAMING SCHEME

Instruction	Category	Serial number	Description
DM	Product Code	2 Characters	Smart screen production line
G	Color Code	1 Character	T=65K Color(16-bit) G=16.7M/262K Color(24-bit/18-bit)
80480	Resolution	5 Digits	24240=240*240 32240=320*240 32320=320*320 48270=480*270 48320=480*320 48480=480*480 64360=640*360 64480=640*480 72720=720*720 80480=800*480 85480=854*480 80600=800*600 10600=1024*600 10768=1024*768 12400=1280*400 12480=1280*480 12720=1280*720 12800=1280*800 13768=1364*768 or 1366*768 16720=1620*720 19480=1920*480 19108=1920*1080
T	Classification	1 Character	Y=Beauty Grade C=Commercial Grade T=Industrial Grade K=Medical Grade Q=Automotive Grade S=Harsh Environment Application F=COF Structure
070	Size	3 Digits	015=1.54 inch 020=2.0 inch 024=2.4 inch 028=2.8 inch 030=3.0 inch 035=3.5 inch 040=4.0 inch 041=4.1 inch 043=4.3 inch 050=5.0 inch 056=5.6inch 057=5.7 inch 068=6.8 inch 070=7.0 inch 074=7.4 inch 080=8.0 inch 088=8.8 inch 097=9.7 inch 101=10.1 inch 104=10.4 inch 116=11.6 inch 121=12.1 inch 140=14.0 inch 150=15.0 inch 116=11.6 inch 121=12.1 inch 133=13.3 inch 140=14.0 inch 150=15.0 inch 156=15.6 inch 173=17.3 inch 185=18.5 inch 215=21.5 inch 238=23.8 inch 270=27.0 inch 320=32.0 inch
—	—	—	Separator
1	Attribute Code	1 Digit or Character	"0": Basic type "1": Basic type with a shell "2": Analog video platform "3": System products (Android and Linux platform) "4": Digital video platform "A": DGUSII kernel product
5	Hardware ID	1 Digit	1-9 to distinguish between different hardware versions

Instruction	Category	Serial number	Description
W	Working Temperature	1 Character	"N": Normal Temperature "W": Wide Temperature
—	TP Category	1 or 2 Character	"N": Without Touch Panel "T": Touch Panel "TR": Resistance Touch Panel "TC": Capacitive Touch Panel
—	Custom Tag	Z+ Number	Z01-Z99, Z**=ODM Product, ** means 01-99, standard is blank
—	Extended Memory Mark	F+ Number	F0=512MB F1=1GB F2=2GB F3=3GB, standard is blank

1.1.2 APPLICATION GRADE DESCRIPTION

Application Grade	Explanation
Beauty Grade	Long-time outdoor use is not supported. LED lifetime is more or less than 10,000 hours.
Commercial Grade	Long-time outdoor use is not supported. LED lifetime is more or less than 10,000 hours.
Industrial Grade	Outdoor use is supported. LED lifetime is more or less than 30,000 hours. The LCDs produced in the factory will have a 15-30 days aging test.
Automotive Grade	Outdoor use is supported. LED lifetime is more or less than 30,000 hours. The LCDs produced in the factory will have 30 days aging test and 72 hours of 50° C high-temperature aging test together with conformal coating and anti-vibration treatment before leaving the factory.
Medical Grade	Outdoor use is supported. LED lifetime is more or less than 30,000 hours. The LCDs produced in the factory will have 30 days aging test and 72 hours of 50 ° C high-temperature aging test together with conformal coating and antivibration treatment before leaving the factory. EMC treatment to meet CE Class B standards.
Harsh Environment Application	Outdoor use is supported. LED lifetime is more or less than 50,000 hours. The LCDs produced in the factory will have 30 days aging test and 72 hours of 50° C high-temperature aging test. Special treatment for ESD, vibration resistance, conformal coating, outdoor application protection, etc.
COF Structure	COF is the best choice for customers who are dedicated in simple application products with the features of light and structure, low cost and easy production.



1.1.3 RELATED ACRONYMS EXPLANATION

Type	Abbreviation	Description
shell	PS1	The plastic shell suitable for indoor use ,it may be deformed due to excessive temperature or UV degradation when outdoor use.
	PS2	The plastic shell suitable for indoor and outdoor use, undeformed at high or low temperatures,and has UV protection.
	MS1	The embedded smart screen wrapped in a stainless steel iron frame has a structure similar to a bare screen.
	MS2	The aluminum alloy shell, suitable for both indoor and outdoor environment.
Display	TN	Normal viewing angle TN process TFT display, The viewing angle is 70/70/50/70(L/R/U/D)
	EWTN	Wide viewing angle TN process TFT display, the viewing angle is 75/75/75/75(L/R/U/D)
	IPS	IPS process TFT display, commonly known as hard screen, has high contrast, good color reproduction, and wide viewing angle (typical value is 85/85/85/85).
	SFT	SFT process TFT display, with high contrast, good color reproduction, wide viewing angle (typical value is over 88/88/88/88)
Touch	R4	4-wire RTP
	R4AV	4-wire RTP with anti-glare and anti-UV, it suitable for outdoor use.
	R5	5-wire RTP
	R5AV	5-wire RTP with anti-glare and anti-UV, it suitable for outdoor use.
	CP	G+P low-cost CTP
	CG	G+G CTP, it can adjust the sensitivity of the front tempered glass or acrylic panel.
	GFF	G+FF CTP, it can adjust the sensitivity of the front tempered glass or acrylic panel.
	CGAV	G+G CTP with anti-glare and anti-UV, suitable for outdoor use. The sensitivity can be adjusted with front tempered glass or acrylic panel.
RTC	BT	Use CR3220 or CR1220 lithium electronic battery as RTC backup power source, the battery needs to be replaced after the battery life is 1-5 years (depending on the battery and the use environment).
	FC	Using farad capacitors as RTC backup power supply, it can last for about 30 days after power failure, and there is no service life problem.
Memory	1G	Built-in NAND Flash memory is 1Gbits (128Mbytes).
	2G	Built-in NAND Flash memory is 2Gbits (256Mbytes).
	4G	Built-in NAND Flash memory is 4Gbits (512Mbytes).
	8G	Built-in NAND Flash memory is 8Gbits (1Gbytes).
	16G	Built-in NAND Flash memory is 16Gbits (2Gbytes).

Type	Abbreviation	Description
Memory	4MB	Build-in Nor Flash memory is 32Mbits (4Mbytes).
	8MB	Build-in Nor Flash memory is 64Mbits (8Mbytes).
	16MB	Build-in Nor Flash memory is 128Mbits (16Mbytes).
	32MB	Build-in Nor Flash memory is 256Mbits (32Mbytes).
Brightness	A	Suffix A(for example, the selection mark is 500A) indicates that the maximum brightness of the backlight can be automatically adjusted with the change of the ambient brightness, which is mainly used for high-brightness products.
Signal interface	TTL	3.3V-5V level compatible with TTL/CMOS full-duplex UART interface, the highest rate is 16Mbps.
	232	A full-duplex UART interface that meets EIA232-F level specifications, 15KV ESK interface protection, and a maximum rate of 250kbps.
	TTL/232	3.3V-5V level compatible with TTL/CMOS/RS232 full-duplex UART interface, TTL (in-phase) or 232 (reverse) mode can be selected for each line, the maximum rate is 16Mbps
	485	A half-duplex UART interface that meets EIA485-A level specifications, 15KV ESD interface protection, and a maximum rate of 10Mbps.
	232/485	A serial port provides RS232 and RS485, but cannot be used simultaneously.
Development mode	TA	DWIN serial port instruction set UI development mode, typical operating platforms include M100/M600/K600/H600/K600+/T5UIC2, among which the L series supports high-quality music playback.
	TC	Condensed version of DWIN instruction set development mode (T5UIC1/C4) composed of a single T5 CPU.
	DGUS	DGUS UI development mode based on K600+ kernel, UI refresh cycle 200ms, support non-real-time DWIN OS.
	DGUSL	The high score simplified version of DGUS UI development mode running on T5 CPU does not support DWIN OS (T5UIC3 platform).
	DGUS II	DGUS UI development model based on DWIN T5/T5L CPU, UI refresh cycle 16-60mS, high-quality music playback, DWIN OS real-time operation, typical platforms include T5UID1/D2/D3/T5L.
User interface	10P10F	10Pin 1.0mm, FCC interface
	40P05F	40Pin 0.5mm, FCC interface
	50P05F	50Pin 0.5mm, FCC interface
	6P25P	6Pin 2.54mm, straight plug socket



Type	Abbreviation	Description
User interface	8P25P	8Pin 2.54mm, straight plug socket
	8P20P	8Pin 2.0mm, patch socket
	6P38P	6Pin 3.81mm, phoenix terminal socket
	8P38P	8Pin 3.81mm, phoenix terminal socket
	10P51P	10Pin 5.08, terminal block

• 1.2 CATALOG

Size	Resolution	Model	LCD	Remark
1.3	240*240	DMG24240C013_03W	IPS	Round LCD
1.5	240*240	DMG24240C015_03W	IPS	CTP&RTP, cost-effective
	240*240	DMG24240C015_13WN	IPS	Circular rotary switch LCD
2.0	240*320	DMG32240C020_03W	IPS	CTP&RTP, cost-effective.
2.1	480*480	DMG48480C021_03W	IPS	T5L1, circular capacitive touch screen
		DMG48480F021_01W	IPS	COF structure, round TFT LCD
2.4	240*320	DMG32240C024_03W	TN	CTP&RTP, cost-effective.
2.8	240*320	DMG32240F028_01W	TN	COF structure, RTP. Ultra-thin product.
		DMG32240F028_02W	TN	COF structure, RTP, Ultra-thin.
		DMG32240C028_03W	TN	COB structure, RTP&CTP. Easy to install.
3.0	640*360	*1DMG64360K030_01W	IPS	Medical-grade product, high reliability.
		DMG64360T030_01W	IPS	Industrial-grade product with low-cost T5L0.
3.5	320*240	DMG32240C035_03W	IPS	RTP&CTP, its suitable for users with cost requirments.
		DMG32240F035_01W	IPS	COF structure, WTC=Black WTCZ01=White WTCZ02=Integrated black
	320*480	DMG48320C035_03W	IPS	RTP&CTP, high cost-effective .
		DMG48320F035_01W	IPS	COF structure, WTC=Black WTCZ01=White WTCZ02=Integrated black
	640*480	DMG64480T035_01W	IPS	Industrial-grade application, with RTC, using low-cost T5L0.
		DMG64480K035_03W	IPS	T5L1, medical-grade product, high reliability.
	480*800	DMG80480T035_01W	IPS	Industrial-grade application, with RTC, using low-cost T5L0.
		DMG80480K035_03W	IPS	T5L1, medical-grade product, high reliability

Size	Resolution	Model	LCD	Remark
4.0	480*480	DMG48480C040_06W	IPS	CTP, COF structure
		DMG48480C040_03W	IPS	RTP&CTP, special structure screen
4.0	480*480 800*480	DMG48480T040_01W	IPS	1:1 square screen, with RTC
		DMG48480F040_01W	IPS	COF structure, variety colors are available.
		DMG80480C040_03W	IPS	RTP&CTP, reserved Wi-Fi interface.
		DMG80480T040_01W	IPS	Industrial-grade product with conformal coating, RTC.
4.1	720*720	DMG72720C041_03W	IPS	Incell, ultra-thin product.
		DMG72720T041_06W	IPS	Incell, embedded smart screen.
4.3	480*272	DMG48270S043_03W	TN	CTP&RTP, -45~85℃, CTP with UV protection and AG function
		DMG48270C043_03W	TN	RTP&CTP, reserved Wi-Fi interface.
		DMG48270C043_04W	TV-TN	T5L0 chip, cost-effective, 15W shell can be preinstalled.
		DMG48270C043_05W	TN	T5L0+8MB Flash.
		DMG48270F043_01W	TV-TN	RTP, COF structure, ultra-thin product.
		DMG48270F043_02W	IPS	RTP&CTP, COF structure, Ultra-thin product.
		DMG48270C043_15W	TN	With shell, waterproof and dustproof, IP65, buckle installation, reliable installation.
		DMG48270C043_26W	TN	CTP&RTP, FSK BUS interface.
	480*800	*1DMG80480C043_01W	IPS	RTP&CTP, cost-effective, horizontal structure.
		DMG80480C043_02W	IPS	RTP&CTP, portrait structure.
		*1DMG80480T043_01W	IPS	Industrial-grade product with conformal coating.
		*1DMG80480T043_09W	IPS	UV protection, high brightness.
		*1DMG80480K043_03W	IPS	T5L1, medical-grade product.
		DMG80480C043_06W	IPS	COF structure, using 10Pin_1.0 cable.
		DMG80480F043_01W	IPS	COF, WTC=Black WTCZ01=White WTCZ02=Integrated black.
		*1DMG80480T043_A5W	IPS	Integrated touch panel with shell.
5.0	800*480	DMG80480S050_03W	TN	CTP&RTP, -40~85℃, CTP with UV protection and AG function.
		DMG80480C050_04W	IPS	T5L0, cost-effective.
		DMG80480C050_03W	TN	RTP&CTP, cost-effective.
		DMG80480C050_04W	IPS	T5L0, cost reduction solution, 15W shell can be pre-installed.



Size	Resolution	Model	LCD	Remark
5.0	800*480	DMG80480T050_A5W	IPS	Industrial-grade product with conformal coating and UV protection. 750nit highlight.
5.0	800*480	DMG80480K050_03W	IPS	T5L1, medical-grade product with conformal coating.
	854*480	DMG85480F050_01W	IPS	COF structure, variety of colors are available, ultra-thin product.
		DMG85480C050_03W	IPS	RTP&CTP, reserved Wi-Fi interface.
		DMG85480K050_03W	IPS	T5L1, medical-grade product, narrow border.
	1280*720	DMG12720C050_03W	IPS	Inc cell, portrait structure, reserved Wi-Fi interface.
		DMG12720T050_06W	IPS	T5L1, medical-grade product, narrow border.
		DMG12720T050_01W	IPS	Inc cell, fully enclosed structure.
6.8	480*1280	DMG12480C068_03W	IPS	T5L2, long shape screen with Wi-Fi interface.
7.0	800*480	DMG80480Y070_01N	IPS	T5L1, cost-effective.
		DMG80480Y070_02N	IPS	T5L0, cost-effective.
		DMG80480F070_01W	IPS	T5L0, COF structure, ultra-thin product
		DMG80480L070_01W	IPS	T5L1, RTP, pre-installed TA mode, cost-effective.
		DMG80480C070_04W	TN	T5L0, cost-effective, 15W shell can be preinstalled.
		DMG80480C070_03W	TN	T5L1, RTP&CTP, cost-effective.
		DMG80480C070_15W	TN	T5L0, RTP, cost-effective RTP, 16MB Flash
		DMG80480T070_15W	TN	Industrial-grade integrated RTP, built-in speaker.
		DMG80480C070_26W	TN	CTP&RTP, FSK BUS interface.
		DMG80480T070_A5W	TN	Integrated five-wire RTP, buckle installation.
		DMG80480T070_05W	TN	Industrial-grade product with conformal coating, RTC.
		DMG80480T070_09W	TN	Industrial-grade product with conformal coating and UV protection. 700nit highlight.
		DMG80480K070_03W	TN	T5L1, medical-grade product.
7.0	1024*600	DMG10600C070_03W	IPS	Cost-effective with Wi-Fi module.
		DMG10600F070_01W	IPS	T5L2, COF structure, various colors are available.
		DMG10600T070_A5W	IPS	Integrated CTP, built-in speaker
		DMG10600T070_01W	IPS	T5L2, industrial-grade product with conformal coating and UV protection. 600nit highlight.
		DMG10600T070_09W	IPS	T5L2, UV protection, highlight.

Size	Resolution	Model	LCD	Remark
7.0	1024*600	DMG10600K070_03W	IPS	T5L2, medical-grade product with conformal coating.
7.0	1024*600	DMG10600S070_03W	IPS	CTP&RTP, -40~85°C, CTP with UV protection and AG function.
	800*1280	*1DMG12800C070_03W	IPS	T5L2, CTP&RTP
	1280*800	DMG12800T070_01W	IPS	T5L2, industrial-grade with RTC.
	1280*400	DMG12800K070_03W	IPS	T5L2, medical-grade product, RTC
7.4	1280*400	DMG12400C074_03W	IPS	T5L2, CTP&RTP, bar-type
7.8	400*1280	DMG12400C078_03W	IPS	T5L2, CTP&RTP, bar-type, suggest 600*1280p interface.
8.0	800*600	DMG80600Y080_01NR	TV-TN	T5L1, TA instruction system only.
		DMG80600Y080_02NR	TV-TN	T5L0, cost-effective, TA instruction system only.
		DMG80600L080_01W	TN	T5L1, RTP, cost-effective.
		DMG80600C080_03W	TN	RTP&CTP, cost-effective.
		DMG80600T080_02W	TN	T5L1, industrial-grade with conformal coating.
		DMG80600T080_09W	TN	T5L2, industrial-grade product with conformal coating and UV protection. 700nit highlight.
		DMG80600T080_15W	TN	T5L1, With conformal coating, with shell
		DMG80600K080_03W	TN	T5L1, medical-grade product.
		DMG80600S080_03W	TN	CTP&RTP, -40~85°C, CTP with UV protection and AG function.
	1024*768	DMG10768C080_03W	IPS	RTP&CTP, cost-effective.
		DMG10768T080_01W	IPS	Industrial-grade with conformal coating, with RTC.
		DMG10768T080_26W	IPS	T5L2, CTP&RTP, FSK BUS interface.
		DMG10768K080_03W	IPS	T5L2, medical-grade product, with 650nit highlight.
	800*1280	*1DMG12800T080_01W	IPS	T5L2, high resolution industrial-grade product, with RTC.
		*1DMG12800C080_03W	IPS	T5L2, cost-effective, with onboard speakers, with RTC.
	800*1280	*1DMG12800K080_03W	IPS	T5L2, medical-grade product with conformal coating
8.88	480*1920	DMG19480C088_03W	IPS	RTP&CTP, long strip screen, generally used in smart home.
		DMG19480T088_01W	IPS	T5L2, industrial-grade, long strip screen, with speakers, with RTC.
9.7	1024*768	DMG10768C097_03W	TN	RTP&CTP, reserved Wi-Fi interface.
		DMG10768T097_01W	TN	T5L2, industrial-grade with conformal coating and RTC.



Size	Resolution	Model	LCD	Remark
9.7	1024*768	DMG10768K097_03W	TN	T5L2, medical-grade product, with conformal coating.
		DMG10768S097_03W	TN	T5L2, CTP&RTP, -40~85℃, CTP with UV protection and AG function.
10.1	1024*600	DMG10600Y101_01N	TV-TN	T5L2, cost-effective.
		DMG10600C101_03W	IPS	RTP&CTP, used for indoor equipment.
		DMG10600C101_15W	TN	T5L2, integrated RTP with RTC, with shell.
		DMG10600T101_01W	TN	T5L2, industrial-grade with conformal coating and RTC.
		DMG10600T101_09W	IPS	T5L2, industrial-grade product with conformal coating and UV protection. 550nit highlight.
		DMG10600T101_26W	IPS	T5L2, CTP&RTP, FSK BUS interface.
		DMG10600T101_A5W	IPS	T5L2, 5-wire resistance touch panel, with shell.
		DMG10600K101_03W	IPS	T5L2, medical-grade product.
	1280*800	DMG12800L101_01W	IPS	RTP&CTP, cost-effective, with RTC and shell.
		DMG12800T101_01W	IPS	T5L2, RTP&CTP, industrial-grade with conformal coating.
		DMG12800K101_03W	IPS	T5L2, medical-grade product with conformal coating.
10.4	800*600	DMG80600C104_03W	TN	RTP&CTP, Commercial-grade with Wi-Fi interface and conformal coating.
		DMG80600S104_03W	TN	T5L2, CTP&RTP, 40~85℃, CTP with UV protection and AG function.
		DMG80600T104_01W	TN	T5L1, industrial-grade with conformal coating, with RTC.
	1024*768	DMG10768T104_01W		T5L2, industrial-grade with conformal coating, 16MBFlash.
		DMG10768C104_03W		RTP&CTP, with onboard speaker, Wi-Fi 10 module, offline voice module.
		DMG10768S104_03W		T5L2, CTP with UV protection and AG function, RTP with UV protection, 40~85℃ with conformal coating, 485 protocol.
		DMG10768T104_09W	IPS	T5L2, industrial-grade product with conformal coating and UV protection. 700nit highlight.
		DMG10768T104_26W	IPS	T5L2, CTP&RTP, FSK BUS interface
10.4	1024*768	DMG10768K104_03W	IPS	T5L, medical-grade product, support RS232 and RS485 communication.
11.6	1920*1080	DMG19108C116_02W	IPS	CTP, high resolution with video play function, running DGUS system, with RTC.
		DMG19108C116_05W	IPS	Dual T5L2, FSK BUS interface optional

Size	Resolution	Model	LCD	Remark
12.1	800*600	DMG80600Y121_01N	TV-TN	T5L1, cost-effective.
		DMG80600C121_03W	TN	RTP&CTP, music play, Wi-Fi interface reserved
		DMG80600T121_01W	TN	T5L1, industrial-grade product, with RTC.
12.1	800*600	DMG80600T121_15W	TN	T5L1, with shell, built-in RTC and speaker.
	1024*768	DMG10768T121_01W	IPS	RTP&CTP, industrial-grade with conformal coating and RTC.
		DMG12800K121_03W	IPS	T5L2, medical-grade product.
	1280*800	DMG12800C121_02W	TN	CTP, Wi-Fi interface reserved.
		DMG10768K121_03W	IPS	T5L2, medical-grade product, RTC.
		DMG12800Y121_01N	TN	T5L2, cost-effective.
13.3	1920*1080	DMG19108C133_05W	IPS	Dual T5L2, FSK BUS interface optional
14.0	1920*1080	DMG19108C140_05W	IPS	Dual T5L2, FSK BUS interface optional
15.0	1024*768	DMG10768Y150_01N	TV-TN	Cost-effective.
		DMG10768C150_03W	TN	RTP, cost-effective, Wi-Fi interface reserved.
		DMG10768T150_01W	IPS	RTP&CTP, industrial-grade with conformal coating and RTC.
		DMG10768T150_15W	IPS	With conformal coating, with shell
		DMG10768K150_03W	IPS	T5L2, medical-grade product with conformal coating.
15.6	1366*768	DMG13768C156_03W	TN	CTP, commercial-grade, high resolution.
	1920*1080	DMG19108C156_02W	IPS	CTP, high resolution with video play function, running DGUS system.
		DMG19108C156_05W	IPS	Dual T5L2, FSK BUS interface optional.
17.3	1920*1080	DMG19108C173_05W	IPS	Dual T5L2, FSK BUS interface optional
18.5	1364*768	DMG13768C185_03W	TN	Dual T5L2, FSK BUS interface optional
	1920*1080	DMG19108C185_05W	IPS	Dual T5L2, FSK BUS interface optional
21.5	1920*1080	DMG19108C215_05W	IPS	Triple T5L2, FSK interface optional
23.8	1920*1080	DMG19108C238_05W	IPS	Triple T5L2, with onboard buzzer, RTC and speaker interface
27.0	1920*1080	DMG19108C270_05W	IPS	Triple T5L2, with onboard buzzer, RTC and speaker interface
32.0	1920*1080	DMG19108C320_05W	IPS	Triple T5L2, with onboard buzzer, RTC and speaker interface

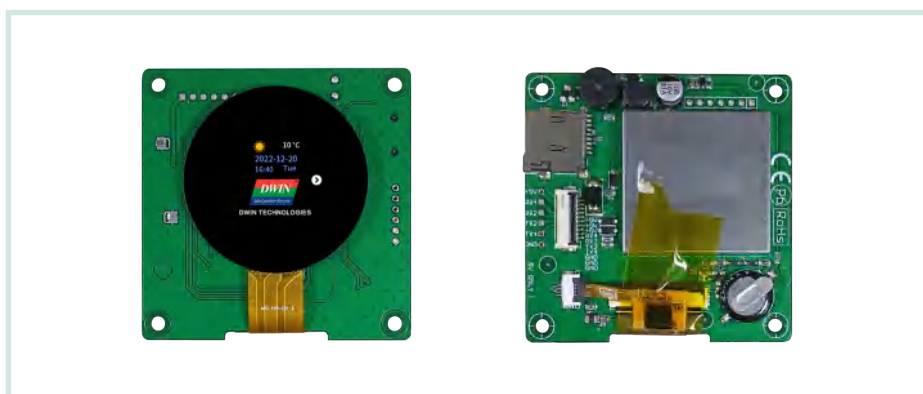
*1 The physical resolution of LCD panel is vertical display, but factory setting is horizontal display.



1.3 PARAMETER

1.30 INCH

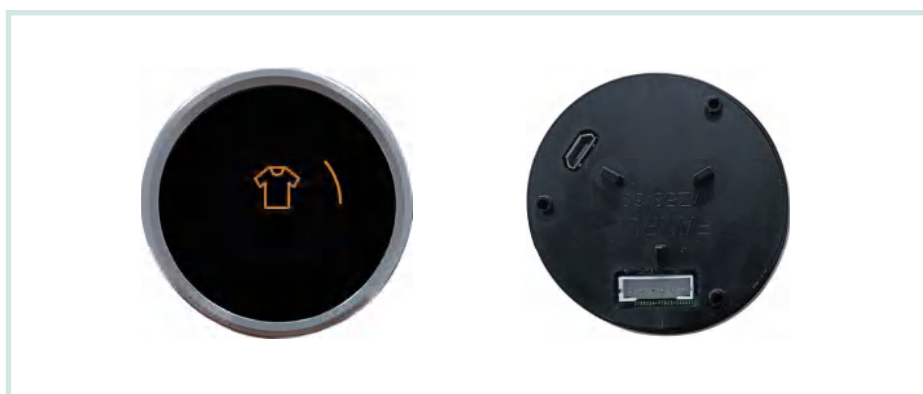
Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
1.3	DMG24240C013_03W	Commercial	240*240	150、200nit	4.5~5.5V	TTL 10Pin_1.0mm	IPS	***



DMG24240C013_03W

1.54 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
1.5	DMG24240C015_03W	Commercial	240*240	250、300nit	4.5~5.5V	TTL 10Pin_1.0 FCC	IPS	***
1.5	DMG24240C015_13WN	Commercial	240*240	-	4.5~5.5V	TTL 6Pin_2.0	IPS	***

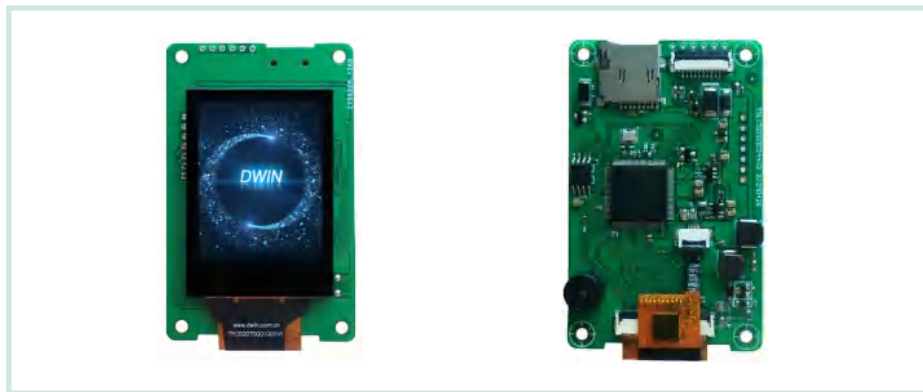


DMG24240C015_13WN



2 INCH

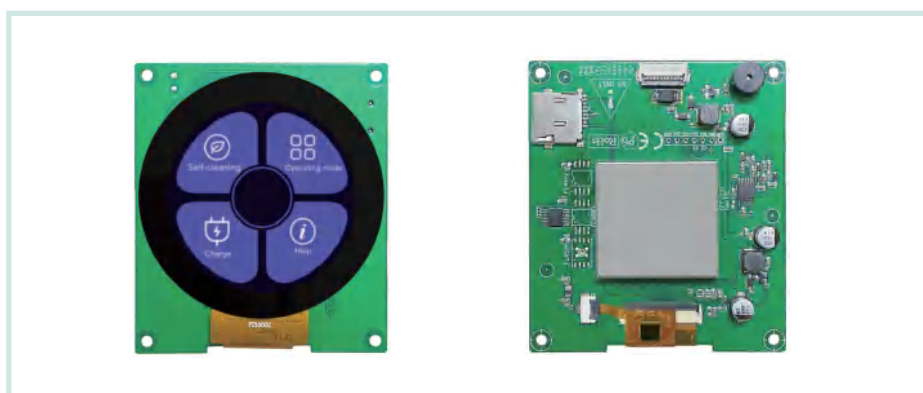
Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
2.0	DMG32240C020_03W	Commercial	240*320	250、300nit	4.5~5.5V	TTL 10Pin_1.0 FCC	IPS	***



DMG32240C020_03W

2.1 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
2.1	DMG48480C021_03W	Commercial	480*480	350nit	4.5~5.5V	TTL/232 10Pin_1.0 FCCC	IPS	GFF
2.1	DMG48480F021_01W	COF	480*480	350nit	3.6~5.5V	TTL 50Pin_0.5mm FPC	IPS	No touch



DMG48480C021_03W



2.4 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
2.4	DMG32240C024_03W	Commercial	240*320	250、300nit	4.5~5.5V	TTL 10Pin_1.0 FCC	TN	***



DMG32240C024_03W

2.8 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
2.8	DMG32240C028_03W	Commercial	320*240	250、300nit	4.5~5.5V	TTL 10Pin_1.0 FCC	TN	***
2.8	DMG32240F028_01W	COF	320*240	250、300nit	4.5~5.5V	TTL 50Pin_0.5mm FPC	TN	R4
2.8	DMG32240F028_02	COF	240*320	300nit	3.6~5.5V	TTL 50Pin_0.5mm FPC	TN	R4



DMG32240C028_03W

3 INCH

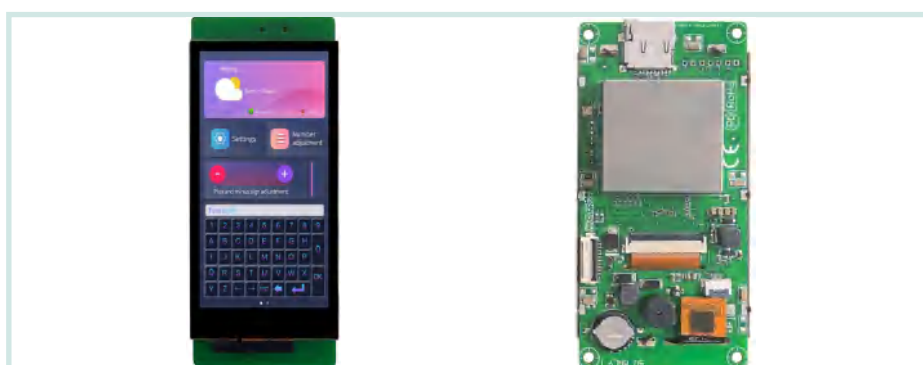
Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
3.0	DMG64360T030_01W	Industrial	640*360	250、300nit	4.5~5.5V	TTL 10Pin-1.0FCC	IPS	R4
3.0	DMG64360K030_01W	Medical	640*360	250、300nit	4.5~5.5V	TTL 10Pin-1.0FCC	IPS	R4/CG



DMG64360K030_01W

3.5 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
3.5	DMG32240C035_03W	Commercial	320*240	250、350nit	4.5~5.5V	TTL 10Pin-1.0 FCC	IPS	R4/CG
3.5	DMG32240F035_01W	COF	320*240	100、150、200、250nit	3.6~5.5V	TTL 50Pin 0.5mm FPC	IPS	R4/CG
3.5	DMG48320C035_03W	Commercial	480*320	250nit	4.5~5.5V	TTL 10Pin-1.0 FCC	IPS	R4/CG
3.5	DMG48320F0355_01W	COF	320*480	50、300、350nit	4.5~5.5V	TTL 50Pin 0.5mm FPC	IPS	CG
3.5	DMG64480T035_01W	Industrial	640*480	250、300nit	4.5~5.5V	TTL 10Pin-1.0 FCC	IPS	R4
3.5	DMG80480T035_01W	Industrial	480*800	250、300nit	4.5~5.5V	TTL 10Pin-1.0 FCC	IPS	R4
3.5	DMG64480K035_03W	Medical	640*480	150、200nit	4.5~5.5V	TTL 10Pin-1.0 FCC	IPS	R4/CG
3.5	DMG80480K035_03W	Medical	480*800	250、300nit	4.5~5.5V	TTL 10Pin-1.0 FCC	IPS	R4/CG



DMG72720T041_06W



4 INCH

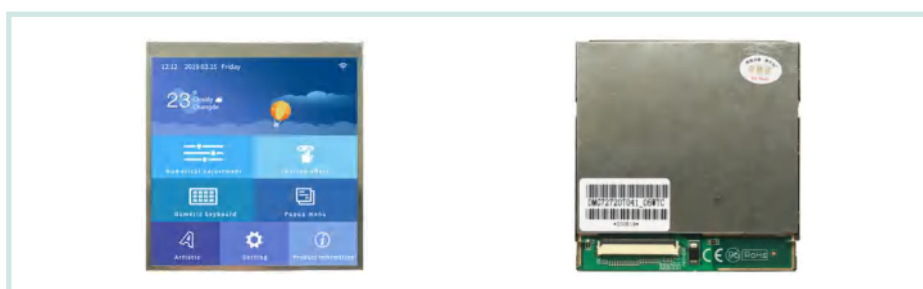
Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
4.0	DMG48480C040_06W	Commercial	480*480	250nit	4.5V~5V	TTL FCC40_0.5	IPS	***
4.0	DMG48480C040_03W	Commercial	480*480	250、300nit	4.5V~5、5V	TTL 10pin_1.0 FCC	IPS	R4/CG
4.0	DMG48480T040_01W	Industrial	480*480	250、300nit	6V~36V	TTL/232 8pin_2.0	IPS	R4
4.0	DMG48480F040_01W	COF	480*480	50、200、 250nit	4.5V~5.5V	TTL 50pin_0.5mm FPC	IPS	CG
4.0	DMG80480C040_03W	Commercial	480*480	300、350nit	4.5V~5.5V	TTL 10pin_1.0 FCC	IPS	R4/CG
4.0	DMG80480T040_01W	Industrial	480*480	350、400nit	6V~36V	TTL/232 8pin_2.0	IPS	R4



DMG80480C040_03W

4.1 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
4.1	DMG72720C041_03W	Commercial	720*720	400nit	4.5~5.5V	TTL 10 Pin_1.0 FCC	IPS	Incell
4.1	DMG72720T041_06W	Industrial	720*720	400nit	7V-15V	TTL FCC50_0.5 mm	IPS	Incell



DMG64360K030_01W

4.3 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
4.3	DMG48270C043_03W	Commercial	480*272	250、300nit	4.5~5.5V	TTL 10Pin_1.0 FCC	TN	R4/CG
4.3	DMG48270C043_04W	Commercial	480*272	250、300nit	4.5~5.5V	TTL/232 10Pin_1.0 FCC	TV-TN	R4/CG
4.3	DMG48270C043_05W	Commercial	480*272	250、300nit	4.5~5.5V	TTL/232 10Pin_1.0 FCC	TN	R4/CG
4.3	DMG48270C043_26W	Commercial	480*272	250、300、350nit	6~15V	TTL/232 8Pin_2.0	TN	R4/CG
4.3	DMG48270F043_01W	COF	480*272	200、250nit	3.6~5.5V	TTL/232 50Pin_0.5 FPC	TV-TN	CG
4.3	DMG48270S043_03W	Harsh Environment	480*272	650、750nit	6~36V	485/232 8Pin_2.0/2Pin_2.0	TN	R4/CG
4.3	DMG80480F043_01W	COF	480*800	50、250、300nit	3.6~5.5V	TTL50Pin_0.5 FPC	IPS	CG
4.3	DMG80480T043_01W	Industrial	800*480	250、300nit	6~36V	TTL 8pin_2.0	IPS	R4
4.3	DMG80480T043_09W	Industrial	800*480	700、800、900nit	6~36V	TTL 8pin_2.0	IPS	R4
4.3	DMG80480C043_06W	Industrial	800*480	250、300nit	4.5~5.5V	TTL 10Pin_1.0 FCC	IPS	R4
4.3	DMG80480K043_03W	Medical	800*480	250、300nit	6~36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG
4.3	DMG80480C043_01W	Commercial	480*800	250、300nit	4.5~5.5V	TTL 10pin_1.0 FCC	IPS	R4/CG
4.3	DMG80480C043_02W	Commercial	480*800	250、300nit	4.5~5.5V	TTL 10pin_1.0 FCC	IPS	R4/CG
4.3	DMG48270F043_02W	COF	480*272	50、200、250nit	3.6~5.5V	TTL 50Pin_0.5FPC	IPS	R4/CG

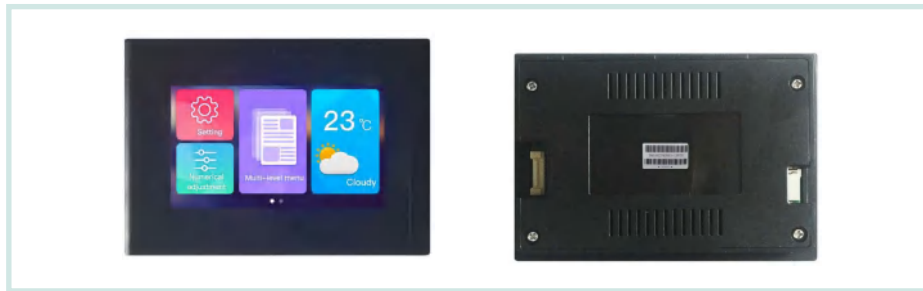


DMG80480T043_09W



4.3 INCH WITH SHELL

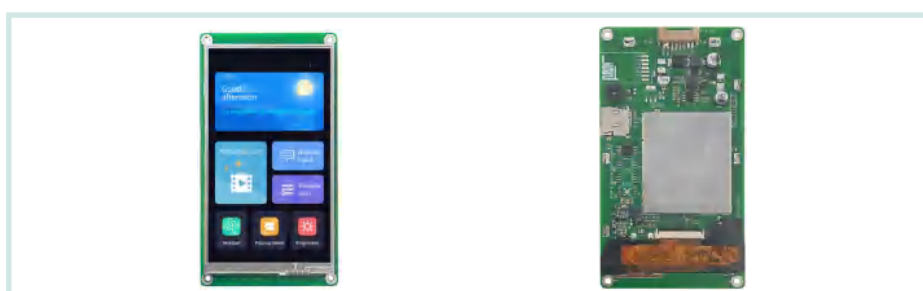
Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
4.3	DMG48270C043_15W	Commercial	480*272	250nit	5V	RS232/485 8Pin_2.0	TV-TN	R4
4.3	DMG80480T043_A5W	Industrial	800*480	200nit	6V-36V	TTL FCC50_0.5 mm	IPS	IncCell



DMG48270C043_15W

5 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
5.0	DMG80480C050_03W	Commercial	800*480	250、300nit	4.5V-5.5V	TTL/232 10Pin_1.0 FCC	TN	R4/CG
5.0	DMG85480C050_03W	Commercial	480*854	250、300nit	4.5V-5.5V	TTL 10Pin_1.0 FCC	IPS	R4/CG
5.0	DMG12720C050_03W	Commercial	1280*720	250nit	4.5V-5.5V	TTL 10Pin_1.0 FCC	IPS	IncCell
5.0	DMG80480C050_04W	Commercial	800*480	250、300nit	4.5V-5.5V	TTL/232 10Pin_1.0 FCC	IPS	CG
5.0	DMG85480F050_01W	COF	480*854	100、350、400nit	4.5V-5.5V	TTL 50Pin_0.5mm FPC	IPS	CG
5.0	DMG12720T050_06W	Industrial	1280*720	250nit	8V-15V	TTL FCC50_0.5 mm	IPS	IncCell
5.0	DMG80480T050_02W	Industrial	800*480	250、300nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4/CG
5.0	DMG80480T050_09W	Industrial	800*480	750、800、900nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4/CG
5.0	DMG12720T050_01W	Industrial	720*1280	250、300nit	6V-36V	TTL/232 8Pin_2.0	IPS	IncCell
5.0	DMG80480K050_03W	Medica	800*480	300、350、400nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG
5.0	DMG85480K050_03W	Medica	480*854	350、400、450nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG



DMG12720T050_01W

5 INCH WITH SHELL

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
5.0	DMG80480T050_A5W	Industria	800*480	250、300nit	6V-36V	232/485 8Pin_3.81	IPS	R5/CG



DMG80480T050_A5W

6.8 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
6.8	DMG12480C068_03W	Commercial	480*1280	250、300nit	7V-36V	TTL/232 8Pin_2.0	IPS	R4/CG



DMG12480C068_03W



7 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
7.0	DMG80480L070_01W	Consumer	800*480	200nit	6~15V	TTL/232 10Pin_1.0 FCC	TN	R4
7.0	DMG80480C070_03W	Commercial	800*480	250、300nit	4.5~5.5V	TTL/232 8Pin_2.0/10Pin_1.0 FCC	TN	R4/CG
7.0	DMG80480C070_04W	Commercial	800*480	200nit	4.5~5.5V	TTL/232 10Pin_1.0 FCC	TN	R4/CG
7.0	DMG80480C070_26W	Commercial	800*480	550、700nit	6~36V	TTL/232 8Pin_2.0	TN	RTP
7.0	DMG80480T070_05W	Industrial	800*480	250、300nit	6~36V	TTL/232 8Pin_2.0	TN	R4/CG
7.0	DMG80480T070_09W	Industrial	800*480	750、800、900nit	6~36V	TTL/232 8Pin_2.0	TN	R4/CG
7.0	DMG80480F070_01W	COF	800*480	200、250nit	4.5~5.5V	TTL 50Pin_0.5mm FPC	TN	R4
7.0	DMG80480C070_06W	COF	800*480	200、250nit	4.5~5.5V	TTL 10Pin_1.0 FPC	TN	R4
7.0	DMG80480S070_03W	Harsh Environment	800*480	800、1000nit	7~36V	232/485/CAN 10Pin_3.81	IPS	R4
7.0	DMG10600C070_03W	Commercial	1024*600	250、300nit	4.5~5.5V	TTL/232 10Pin_1.0 FCC	IPS	R4/CG
7.0	DMG10600F070_01W	COF	1024*600	50、250、300nit	3.6~5.5V	TTL 50Pin_0.5mm FPC	IPS	G+G
7.0	DMG10600T070_01W	Industrial	1024*600	250、300nit	6~36V	TTL/232 8Pin_2.0	IPS	R4/CG
7.0	DMG10600T070_09W	Industrial	1024*600	600、650、700nit	6~36V	TTL/232 8Pin_2.0	IPS	R4/CG
7.0	DMG10600S070_03W	Harsh Environment	1024*600	400、450、500nit	12~36V	485/232 8Pin_2.0/2pin_2.0	IPS	R4/CG



DMG80480S070_03W

7 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
7.0	DMG12800T070_01W	Industria	1280*800	250、300nit	6~36V	TTL/232 8Pin_2.0	IPS	R4/CG
7.0	DMG12800K070_03W	Medical	1280*800	350、400nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG
7.0	DMG12800C070_03W	Commercial	800*1280	250、300nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4/CG



DMG80480S070_03W

7 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
7.0	DMG80480C070_15W	Commercial	800*480	200nit	6~36V	232/480 8Pin_3.81	TV-TN	R4
7.0	DMG80480T070_15W	Industrial	800*480	250nit	6V-36V	232/485 8Pin_3.81	TN	R4
7.0	DMG80480T070_A5W	Industrial	800*480	250nit	6V-36V	232/485 8Pin_3.81	TN	R5
7.0	DMG10600T070_A5W	Industrial	800*480	250nit	7V-36V	232/485 8Pin_3.81/CAN	IPS	R5/CG



DMG10600T070_A5W



7.4 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
7.4	DMG12400C074_03W	Commercial	1280*400	650nit	6~36V	TTL/232 8Pin_2.0	IPS	R4/CG



DMG12400C074_03W

7.8 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
7.8	DMG12400C078_03W	Commercial	400*1280	400、450、500nit	6~36V	TTL/232 8Pin_2.0	IPS	R4/CG

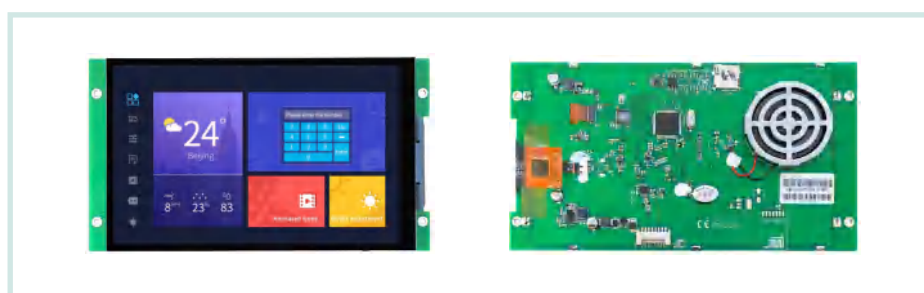


DMG12400C074_03W



8 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
8.0	DMG80600S080_03W	Harsh Environment	800*600	650nit	6~36V	485/232 8Pin_2.0/2pin_2.0	TN	RTP
8.0	DMG80600L080_01W	Consumer	800*600	250nit	6V-15V	TTL/232 8Pin_2.0	TN	R4
8.0	DMG80600C080_03W	Commercial	800*600	250、300nit	4.5V-5.5V	TTL/232 10Pin_1.0 FCC	TN	R4/CG
8.0	DMG10768C080_03W	Commercial	1024*768	200、250nit	4.5V-5.5V	TTL 10Pin_1.0 FCC	IPS	R4/CG
8.0	DMG12800C080_03W	Commercial	800*1280	200、250nit	6V-15V	TTL/232 8Pin_2.0	IPS	R4/CG
8.0	DMG80600T080_02W	Industrial	800*600	350、400nit	6V-36V	TTL/232 8Pin_2.0	TN	R4/CG
8.0	DMG80600T080_09W	Industrial	800*600	750、800、900nit	6V-36V	TTL/232 8Pin_2.0	TN	R4/CG
8.0	DMG12800T080_01W	Industrial	800*1280	200、250nit	6V-36V	TTL/232 8Pin_2.0	TN	R4/CG
8.0	DMG10768T080_26W	Industrial	1024*768	200、250nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4/CG
8.0	DMG10768T080_01W	Industrial	1024*768	250、300nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4/CG
8.0	DMG80600K080_03W	Medical	800*600	300、350、400nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	TN	R4/CG
8.0	DMG10768K080_03W	Medical	1024*768	650、700nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG
8.0	DMG12800K080_03W	Medical	800*1280	150、200nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG



DMG10600T070_A5W



8 INCH WITH SHELL

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
8.0	DMG80600T080_15W	Industrial	800*600	350nit	6~36V	232/485 6Pin_3.81	TN	R4



DMG10600T070_A5W

8.88 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
8.88	DMG19480C088_03W	Commercial	480*1920	250、300nit	6~36V	TTL/232 8Pin_2.0	IPS	R4/CG
8.88	DMG19480T088_01W	Industrial	480*1920	250、300nit	6~36V	TTL/232 8Pin_2.0	IPS	R4/CG



DMG19480C088_03W

9.7 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
9.7	DMG10768C097_03W	Commercial	1024*768	250、300nit	6V~15V	TTL/232 8Pin_2.0	TN	R4/CG
9.7	DMG10768T097_01W	Industrial	1024*768	250、300nit	6V~36V	TTL/232 8Pin_2.0	TN	R4/CG
9.7	DMG10768K097_03W	Medical	1024*768	250、300nit	6V~36V	485/232 2Pin_2.0/8Pin_2.0	TN	R4
9.7	DMG10768S097_03W	Harsh Environment	1024*768	200、250、300nit	12V~36V	485/232 8Pin_2.0/2pin_2.0	TN	R4/CGP



DMG10768T097_01W

10.1 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
10.1	DMG10600Y101_01N	Beauty	1024*600	250、280、300nit	5V	TTL/232 8Pin_2.0	TV-TN	R4/CG
10.1	DMG10600Y101_02N	Beauty	1024*600	250nit	6V-15V	TTL/232 8Pin_2.0	TV-TN	R4/CG
10.1	DMG10600C101_03W	Commercial	1024*600	200、250nit	6V-15V	TTL/232 8Pin_2.0	IPS	R4/CG
10.1	DMG10600T101_01W	Industrial	1024*600	200、250nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4/CG
10.1	DMG10600T101_09W	Industrial	1024*600	550、600nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4
10.1	DMG10600k101_03W	Medical	1024*600	250、300nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG
10.1	DMG10600T101_26W	Industrial	1024*600	200、250nit	6V-36V	232/TTL 8Pin_2.0	IPS	R4/CG
10.1	DMG12800L101_01W	Consumer	1024*600	250、300nit	7V-15V	TTL/232 8Pin_2.0	IPS	R4/CG



Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
10.1	DMG12800T101_01W	Industrial	1280*800	250、300nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4
10.1	DMG12800k101_03W	Medical	1280*800	300、350、400nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG



DMG10600T101_09W

10.1 INCH WITH SHELL

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
10.1	DMG10600C101_15W	Commercial	1024*600	250nit	6V~36V	TTL/232 8Pin_2.0	TN	R4/CG
10.1	DMG10600T101_A5W	Industrial	1024*600	250nit	7V~36V	TTL/232 8Pin_2.0	TN	R4/CG



DMG10600C101_15W

10.4 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
10.4	DMG80600C104_03W	Commercial	800*600	300、350nit	6V~15V	TTL/232 8Pin_2.0	TN	R4/CG
10.4	DMG80600T104_01W	Industrial	800*600	300、350nit	6V~36V	TTL/232 8Pin_2.0	TN	R4/CG
10.4	DMG80600S104_03W	Harsh Environment	800*600	200、250、300nit	12~36V	485/232 8Pin_2.0/2pin_2.0	TN	R4/CG
10.4	DMG10768C104_03W	Commercial	1024*768	250、300nit	6V~15V	TTL/232 8Pin_2.0	IPS	R4/CG
10.4	DMG10768T104_01W	Industrial	1024*768	250、300nit	6V~36V	TTL/232 8Pin_2.0	IPS	R4/CG
10.4	DMG10768K104_03W	Medical	1024*768	250、300nit	6V~36V	485/232 2Pin_2.0/8pin_2.0	IPS	R4/CG
10.4	DMG10768T104_26W	Industrial	1024*768	250nit	6V~36V	TTL/232 8Pin_2.0	IPS	R4/CG
10.4	DMG10768S104_03W	Harsh Environment	1024*768	200、250、300nit	12V~36V	485/232 8Pin_2.0/2pin_2.0	IPS	R4/CG



DMG10768K104_03W

11.6 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
11.6	DMG19108C116_05W	Commercial	1920*1080	200nit	12V~36V	TTL/RS232 8Pin_2.0	IPS	GFF



DMG19108C116_05W

**12.1 INCH**

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
12.1	DMG80600C121_03W	Commercial	800*600	250、300nit	12V-36V	TTL/232 8Pin_2.0	TN	R4/CG
12.1	DMG80600T121_01W	Industrial	800*600	350、400nit	6V-36V	TTL/232 8Pin_2.0	TN	CG
12.1	DMG10768T121_01W	Industrial	1024*768	400、450nit	6V-36V	232/TTL 8Pin_2.0	IPS	R4/CG
12.1	DMG10768K121_03W	Medical	1024*768	450、500nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG
12.1	DMG12800C121_02W	Commercial	1280*800	400nit	12V-36V	TTL/232 8Pin_2.0	TN	CG
12.1	DMG12800K121_03W	Mdeical	1280*800	550、600、650nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG
12.1	DMG12800Y121_01N	Beauty	1280*800	150nit	10V-36V	TTL/232 8Pin_2.0	TN	GFF



DMG12800K121-03W

12.1 INCH WITH SHELL

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
12.1	DMG80600T121_15W	Industrial	800*600	300nit	9V-36V	485/232 6Pin_3.81	TN	R4



DMG80600T121_15W



13.3 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
13.3	DMG19108C133_05W	Commercial	1920*1080	250nit	12V-36V	TTL/RS232 8Pin_2.0	IPS	GFF



DMG19108C133_05W

14.0 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
14.0	DMG19108C140_05W	Commercial	1920*1080	200nit	12V-36V	TTL/232 8Pin_2.0	IPS	GFF



DMG19108C133_05W

**15.0 INCH**

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
15.0	DMG10768Y150_01N	Beauty	1024*768	150、200nit	12V-36V	TTL/232 8Pin_2.0mm	TN	R4
15.0	DMG10768C150_03W	Commercial	1024*768	250、300nit	12V-36V	TTL/232 8Pin_2.0	EWTN	R4/CG
15.0	DMG10768T150_01W	Industrial	1024*768	300、350nit	6V-36V	TTL/232 8Pin_2.0	IPS	R4/CG
15.0	DMG10768K150_03W	Medical	1024*768	300、350nit	6V-36V	485/232 2Pin_2.0/8Pin_2.0	IPS	R4/CG



DMG10768T150_01W

15.0 INCH WITH SHELL

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
15.0	DMG10768T150_15W	Industrial	1024*768	250nit	12V-36V	232/485 6Pin_3.81	IPS	R4



DMG10768T150_15W

15.6 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
15.6	DMG19108C156_05W	Commercial	1920*1080	250nit	12V-36V	TTL/RS232 8Pin_2.0	IPS	GFF



DMG19108C156_05W

17.3 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
17.3	DMG19108C173_05W	Commercial	1920*1080	200nit	12V-36V	TTL/RS232 8Pin_2.0	IPS	GFF



DMG19108C173_03W



18.5 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
18.5	DMG13768C185_03W	Commercial	1366*768	200、250nit	12V-36V	TTL/RS232 8Pin_2.0	TN	CG
18.5	DMG19108C185_05W	Commercial	1920*1080	200、250nit	15V-36V	TTL/RS232 8Pin_2.0	IPS	GFF



21.5 INCH

DMG13768C185_03W

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
21.5	DMG19108C215_05W	Commercial	1920*1080	200nit	15V-36V	TTL/RS232 8Pin_2.0	IPS	GFF



DMG19108C215_05W



23.8 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
23.8	DMG19108C238_05W	Commercial	1920*1080	200nit	15V-36V	TTL/RS232 8Pin_2.0	IPS	GFF



DMG19108C238_05W

27.0 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
27.0	DMG19108C270_05W	Commercial	1920*1080	200nit	15V-36V	TTL/RS232 8Pin_2.0	IPS	GFF



DMG19108C270_05W



32.0 INCH

Size	Model	Leve	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
32.0	DMG19108C320_05W	Commercial	1920*1080	250nit	15V-36V	TTL/RS232 8Pin_2.0	IPS	GFF



DMG19108C320_05W

2 .SYSTEM SCREEN

2.1 Android, Linux & HMI Naming Convention

Series	System Type	CPU	Frequency	Model	OS
32	Android	RK3566	Quad core ARM Cortex-A55 1.8GHz	DMG12800C070_32WTC DMG10600C101_32WTC DMG12800T070_32WTC	Android 11
33	Android	RK3288	Quad core ARM Cortex-A17 1.8GHz	DMG12800C070_33WTC DMG10768T080_33WTC DMG10600T101_33WTC DMG12800C101_33WTC DMG19480T088_33WTC	Android 8.1
34	Android	RK3288	Quad core ARM Cortex-A17 1.8GHz	DMG10600T070_34WTC DMG12800T070_34WTC DMG10768T104_34WTC DMG10768T121_34WTC	Android 8.1
35	LINUX	Allwinner A40I	Quad core ARM Cortex-A7 1.2GHz	DMT10600T070_35WTC DMT10600T070_35WTR DMT10768T080_35WTC DMT10600T101_35WTC DMT10768T097_35WTC DMT12800T121_35WTC DMT12800T101_35WTC	Linux3.10
40	LINUX	RK3566	Quad core ARM Cortex-A55 1.8GHz	DMG12800C070_40WTC DMG10600C101_40WTC DMG12800T070_40WTC	Linux4.19
38	HMI	Allwinner A40I	Quad core ARM Cortex-A7 1.2GHz	DMT10600T070_38WTR DMT10600T070_38WTC DMT10768T080_38WTC DMT10600T101_38WTC DMT10768T097_38WTC DMT12800T121_38WTC DMT12800T101_38WTC	Linux3.10



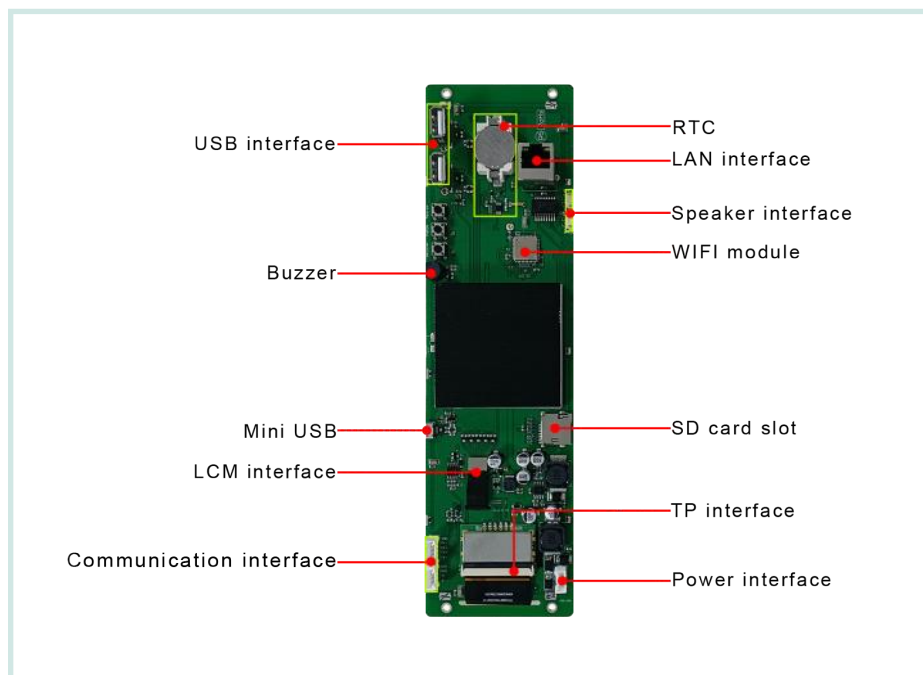
2.2 CATALOG

Size	Resolution	Model	Type	LCD
7.0	1280*800	DMG12800C070_32WTC	Android	IPS
7.0	1280*800	DMG12800T070_32WTC	Android	IPS
7.0	1024*600	DMG10600T070_34WTC	Android	IPS
7.0	800*1280	DMG12800C070_33WTC	Android	IPS
7.0	1280*800	DMG12800T070_34WTC	Android	IPS
8.0	1024*768	DMG10768T080_33WTC	Android	IPS
8.8	1920*480	DMG19480T088_33WTC	Android	IPS
10.1	1024*600	DMG10600C101_32WTC	Android	IPS
10.1	1024*600	DMG10600T101_33WTC	Android	IPS
10.1	1280*800	DMG12800C101_33WTC	Android	IPS
10.4	1024*768	DMG10768T104_34WTC	Android	IPS
12.1	1024*768	DMG10768T121_34WTC	Android	IPS
7.0	1024*600	DMT10600T070_35WTC	Linux	IPS
7.0	1024*600	DMT10600T070_35WTR	Linux	IPS
8.0	1024*768	DMT10768T080_35WTC	Linux	IPS
10.1	1024*600	DMT10600T101_35WTC	Linux	IPS
9.7	1024*768	DMT10768T097_35WTC	Linux	TN
10.1	1280*800	DMT12800T101_35WTC	Linux	IPS
12.1	1280*800	DMT12800T121_35WTC	Linux	IPS
7	1280*800	DMG12800C070_40WTC	Linux	IPS
10.1	1024*600	DMG10600C101_40WTC	Linux	IPS
7	1280*800	DMG12800T070_40WTC	Linux	IPS
7	1024*600	DMT10600T070_38WTC	HMI	IPS
7	1024*600	DMT10600T070_38WTR	HMI	IPS
8	1024*768	DMT10768T080_38WTC	HMI	IPS
10.1	1024*600	DMT10600T101_38WTC	HMI	IPS
9.7	1024*768	DMT10768T097_38WTC	HMI	TN
10.1	1280*800	DMT12800T101_38WTC	HMI	IPS
12.1	1280*800	DMT12800T121_38WTC	HMI	IPS

2.3 PARAMETER

• ANDROID

Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temperature	Storage Temperature	Voltage	Current
DMG12800C070_32WTC	7.0	IPS	1280*800	300nit	2GB DDR3+8GB EMMC5.0	-10 ~ 50℃	-15 ~ 55℃	7V-36V	240mA(12V)
DMG12800T070_32WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	7V-36V	310mA(12V)
DMG10600C101_32WTC	10.1	IPS	1024*600	200nit	2GB DDR3+8GB EMMC5.0	-10 ~ 60℃	-20 ~ 70℃	6V-36V	430mA(12V)
DMG12800C070_33WTC	7.0	IPS	800*1280	300nit	2GB DDR3+8GB EMMC5.0	-10 ~ 50℃	-20 ~ 60℃	7V-36V	360mA(12V)
DMG10768T080_33WTC	8.0	IPS	1024*768	250nit	2GB DDR3+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	7V-36V	460mA(12V)
DMG19480T088_33WTC	8.8	IPS	1920*480	200nit	2GB DDR3+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	7V-36V	250mA(12V)
DMG10600T101_33WTC	10.1	IPS	1024*600	300nit	2GB DDR3+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	6V-36V	420mA(12V)
DMG12800C101_33WTC	10.1	IPS	1280*800	300nit	2GB DDR3+8GB EMMC5.0	-10 ~ 50℃	-20 ~ 60℃	6V-36V	465mA(12V)
DMG10600T070_34WTC	7.0	IPS	1024*600	300nit	2GB DDR3+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	6V-36V	360mA(12V)
DMG12800T070_34WTC	7.0	IPS	1280*800	300nit	2GB DDR3+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	6V-36V	360mA(12V)
DMG10768T104_34WTC	10.4	IPS	1024*768	250nit	2GB DDR3+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	7V-36V	490mA(12V)
DMG10768T121_34WTC	12.1	IPS	1024*768	350nit	2GB DDR3+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	12V-36V	1220mA(12V)



DMG19480T088_33WTC



• LINUX

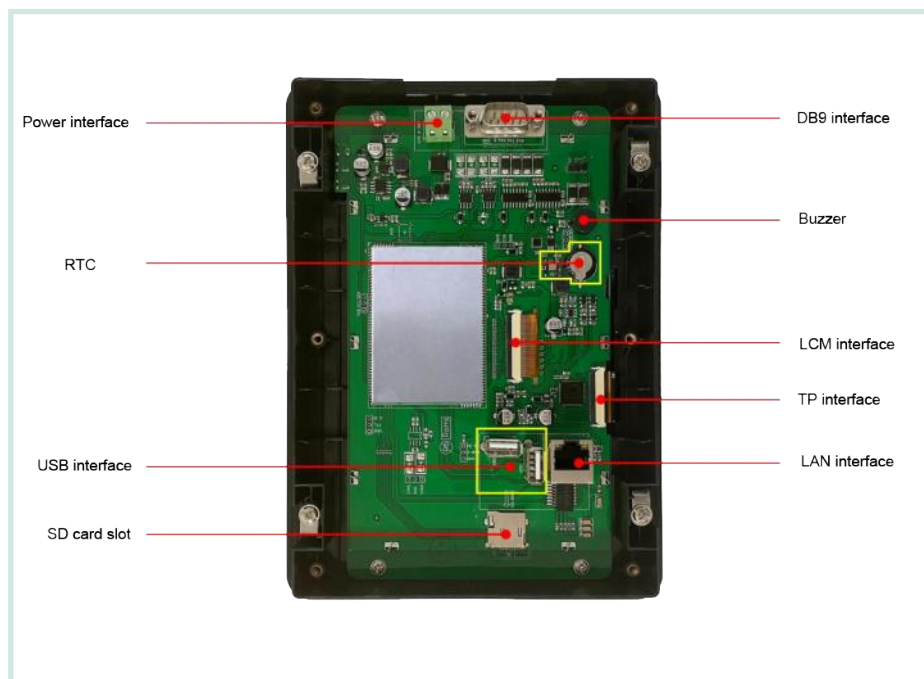
Model	Size	LCD Type	Resolution	Brightness	RAM	Flash	Working Temperature	Storage Temperature	Voltage	Current
DMT10600T070_35WTC	7.0	IPS	1024*600	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V-36V	280mA(12V)
DMT10600T070_35WTR	7.0	IPS	1024*600	200nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V-36V	280mA(12V)
DMT10768T080_35WTC	8.0	IPS	1024*768	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	6V-36V	340mA(12V)
DMT10600T101_35WTC	10.1	IPS	1024*600	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V-36V	440mA(12V)
DMT10768T097_35WTC	9.7	TN	1024*768	350nit	1GB DDR3	8GB EMMC	-20 ~ 65°C	-30 ~ 80°C	7V-36V	640mA(12V)
DMT12800T101_35WTC	10.1	IPS	1280*800	350nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	12V-36V	510mA(12V)
DMT12800T121_35WTC	12.1	IPS	1280*800	500nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	12V-36V	790mA(12V)
DMG12800C070_40WTC	7.0	IPS	1280*800	300nit	2GB LPDDR4	8GB EMMC	-10 ~ 50°C	-15 ~ 55°C	7V~36V	240mA(12V)
DMG10600C101_40WTC	10.1	IPS	1024*600	200nit	1GB DDR3	2GB LPDDR4	-10 ~ 60°C	-20 ~ 70°C	6V~36V	430mA(12V)
DMG12800T070_40WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4	-20 ~70°C	-20 ~70°C	-30 ~ 80°C	7V-36V	310mA(12V)



DMT10600T101_35WTC

• HMI

Model	Size	LCD Type	Resolution	Brightness	RAM	Flash	Working Temperature	Storage Temperature	Voltage	Current
DMT10600T070_38WTC	7.0	IPS	1024*600	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V-36V	280mA(12V)
DMT10600T070_38WTR	7.0	IPS	1024*600	200nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V-36V	280mA(12V)
DMT10768T080_38WTC	8.0	IPS	1024*768	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	6V-36V	340mA(12V)
DMT10600T101_38WTC	10.1	IPS	1024*600	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V-36V	440mA(12V)
DMT10768T097_38WTC	9.7	TN	1024*768	350nit	1GB DDR3	8GB EMMC	-20 ~ 65°C	-30 ~ 80°C	7V-36V	640mA(12V)
DMT12800T101_38WTC	10.1	IPS	1280*800	350nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	12V-36V	510mA(12V)
DMT12800T121_38WTC	12.1	IPS	1280*800	500nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	12V-36V	790mA(12V)



DMT10600T070_38WTC

For more details please kindly refer to: <System Screen Catalog>



3 .HDMI INTERFACE SCREEN

3.1 CATALOG

Size	Resolution	Model	Type	LCD
4.3	480*800	HDW043_001L	HDMI	IPS
4.3	480*800	HDW043-A5001L	HDMI	IPS
5.0	800*480	HDW050_003L	HDMI	TN
7.0	1024*600	HDW070_007L	HDMI	IPS
7.0	800*480	HDW070_008L	HDMI	TN
7.0	800*480	HDW070-008LZ01	HDMI	TN
7.0	1024*600	HDW070-008LZ02	HDMI	IPS
7.0	800*480	HDW070-008LZ04	HDMI	TN
7.0	1024*600	HDW070-008LZ05	HDMI	IPS
7.0	1024*600	HDW070-A5001L	HDMI	IPS
8.0	1024*768	HDW080_002LC	HDMI	IPS
8.88	1920*480	HDW088-A5001L	HDMI	IPS
10.1	1024*600	HDW101_001L	HDMI	IPS
10.1	1024*600	HDW101-001LZ08	HDMI	IPS
10.1	1024*600	HDW101-001LZ09	HDMI	IPS
10.1	1024*600	HDW101-A5001L	HDMI	IPS
10.4	1024*768	HDW104_001L	HDMI	IPS
12.1	1280*800	HDW121_001L	HDMI	IPS
15.6	1920*1080	HDW156_001L	HDMI	IPS
21.5	1920*1080	HDW215_001L	HDMI	IPS
21.5	1920*1080	HDW215_002L	HDMI	IPS



HDW101_001L

3.2 PARAMETER

• HDMI

Size	Model	Resolution	Brightness	Power Voltage	Interface	LCD	Remark
4.3	HDW043_001L	480*800	250nit	3.6V-6V	HDMI	IPS	Support CTP
4.3	HDW043-A5001L	480*800	250nit	12V-36V	HDMI	IPS	CTP, With shell
5.0	HDW050_003L	800*480	250nit	3.6V-6V	HDMI	TN	Support CTP
7.0	HDW070_007L	1024*600	300nit	6V-36V	HDMI	IPS	Anti-glare and UV protection
7.0	HDW070_008L	800*480	250nit	6V-36V	HDMI	TN	Support CTP
7.0	HDW070-008LZ01	800*480	800nit	6V-36V	HDMI	TN	High brightness
7.0	HDW070-008LZ02	1024*600	600nit	6V-36V	HDMI	IPS	support CTP
7.0	HDW070-008LZ04	800*480	800nit	7V-36V	HDMI	TN	support CTP,High brightness
7.0	HDW070-008LZ05	1024*600	600nit	7V-36V	HDMI	IPS	High resolution
7.0	HDW070-A5001L	1024*600	250nit	6V-36V	HDMI	IPS	with shell
8.0	HDW080_002LC	1024*768	400nit	5.2~24V	HDMI	IPS	Support CTP
8.88	HDW088-A5001L	1920*480	250nit	6V-36V	HDMI	IPS	with shell
10.1	HDW101_001L	1024*600	300nit	6V-36V	HDMI	IPS	Integrated CTP, UV protection
10.1	HDW101-001LZ08	1024*600	500nit	5V-36V	HDMI	IPS	support CTP
10.1	HDW101-001LZ09	1024*600	500nit	7V-36V	HDMI	IPS	support CTP
10.1	HDW101-A5001L	1024*600	550nit	7V-36V	HDMI	IPS	support CTP, with shell
10.4	HDW104_001L	1024*768	300nit	6V-36V	HDMI	IPS	Integrated CTP, UV protection
12.1	HDW121_001L	1280*800	300nit	12V-36V	HDMI	TN	support CTP
15.6	HDW156_001L	1920*1080	250nit	12V-36V	HDMI	IPS	Integrated CTP, UV protection
21.5	HDW215_001L	1920*1080	190nit	15V-36V	HDMI	IPS	Support 60Hz refresh rate
21.5	HDW215_002L	1920*1080	300nit	220V	HDMI	IPS	full HD, with shell



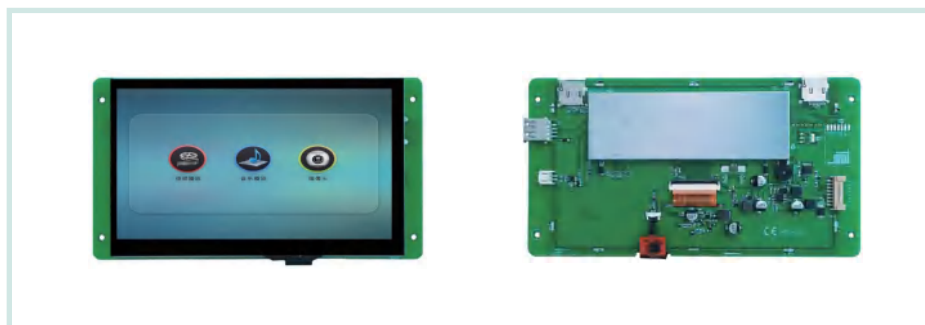
4 .VIDEO SCREEN

4.1 CATALOG

Size	Resolution	Model	Type	LCD
7.0	800*480	DMG80480T070_41W	Digital video screen	TN
8.0	800*600	DMG80600T080_41W	Digital video screen	TN
10.1	1024*600	DMG10600T101_41W	Digital video screen	IPS
10.4	800*600	DMG80600T104_41W	Digital video screen	TN
10.1	1024*768	DMG10768T104_41W	Digital video screen	IPS
15.0	1024*768	DMG10768T150_41W	Digital video screen	IPS

4.2 PARAMETER

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Remark
7.0	DMG80480T070_41W	Video screen	800*480	250、300nit	7V-36V	232/TTL 8Pin_2.54	TN	Speaker,Music play USB camera,video play,Buzzer
8.0	DMG80600T080_41W	Video screen	800*600	250、300nit	7V-36V	232/TTL 8Pin_2.54	TN	Speaker,Music play USB camera,video play,Buzzer
10.1	DMG10600T101_41W	Video screen	1024*600	200nit	7V-36V	232/TTL 8Pin_2.54	IPS	Speaker,Music play USB camera,video play,Buzzer
10.4	DMG80600T104_41W	Video screen	800*600	250、300nit	7V-36V	232/TTL 8Pin_2.54	TN	Speaker,Music play USB camera,video play,Buzzer
10.4	DMG10768T104_41W	Video screen	1024*768	250nit	7V-36V	232/TTL 8Pin_2.54	IPS	Speaker,Music play USB camera,video play,Buzzer
15.0	DMG10768T150_41W	Video screen	1024*768	250、300nit	12V-36V	232/TTL 8Pin_2.54	IPS	Speaker,Music play USB camera,video play,Buzzer



DMG80480T070_41WTC

5 .WALL-MOUNTED PANEL

5.1 CATALOG

Model	Size	Display	Resolution	IC	Type	Interface	Socket	Votage	Shell
TC041C11 U/W 04	4.1inch	IPS	720*720	T5L1	Thermostat	4Relay+485	11pin_5.08	220V	Standard 86 box
TC040C11 U/W 04	4inch	IPS	480*480	T5L1	Thermostat	4Relay+485	11pin_5.08	220V	Standard 86 box
TC040C12 U/W 00	4inch	IPS	480*480	T5L1	Wire Controller	485	4pin_2.54	6-36V	Self-contained installation
TC040C14 U/W 04	4inch	IPS	480*480	T5L1	Thermostat	4Relay+485	11pin_5.08	220V	Standard 86 box
TC070C22 U/W 00	7inch	IPS	1024*600	T5L2	Wire Controller	485	4pin_5.08	6-36V	Standard 86 box





6 .FASK BUS SCHEME

6.1 DWIN FSK BUS SCHEME

T5L2 + 1024*600 7.0 inch IPS LCD panel + integrated CTP

T5L2 + 1280*800 8.0 inch IPS LCD panel + integrated CTP

T5L2 + 1024*600 10.1 inch IPS LCD panel + integrated CTP

T5L2 + 1280*800 10.1 inch IPS LCD panel + integrated CTP

T5L2 + 1920*1080 13.3 inch IPS LCD panel + integrated CTP

T5L2 + 1920*1080 21.5 inch IPS LCD panel + integrated CTP

The bus controller based on the T5L0 chip can convert the image signal between the USB interface, FSK interface, VGA interface and HDM interface, which is convenient for customers to network according to the actual scene.

Advantage

- 1 Based on the FSK high-speed remote communication interface of T5L, the computer and the smart screen, the camera and the smart screen, and the smart screen and the smart screen can be linked through twisted pair cables to realize the organic networking of each endpoint.
- 2 It can realize screen projection, video intercom, video monitoring, voice broadcasting and other rich functions.
- 3 The max. bus communication rate is 35Mbps, and the 1920*1080 resolution image transmission rate can reach 16 frames per second, which it makes easy to complete video interaction.
- 4 A single bus controller support 32 display terminals for parallel bidirectional communication, and reliable transmission of twisted pair cables up to 300 meters away.



6.2 Medical care system

T5L0 + 480*480 4.0 inch IPS LCD panel + integrated CTP

T5L1 + 854*480 5.0 inch IPS LCD panel + integrated CTP

T5L2 + 1024*600 7.0 inch IPS LCD panel + integrated CTP

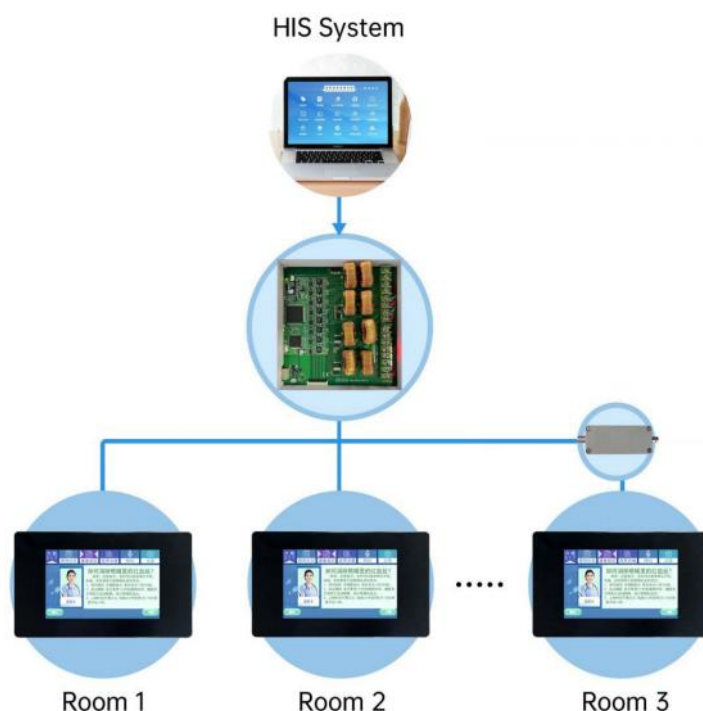
T5L2 + 1280*600 10.1 inch IPS LCD panel + integrated CTP

Based on the excellent howling suppression capability of high-speed computing T5L, it supports high-quality host broadcasting.

Remote upgrade and real-time data information, single host supports up to 256 terminals, high operating efficiency

Advantage

- 1 High-quality full-duplex voice intercom.
- 2 Double MIC, double speaker, simplify the design of the handle and external placement.
- 3 Support high-quality host broadcast to realize background music playback and TTS signal.
- 4 Files and terminal device applications can be upgraded online.
- 5 Based on a cheap twisted-pair network, simple and easy.



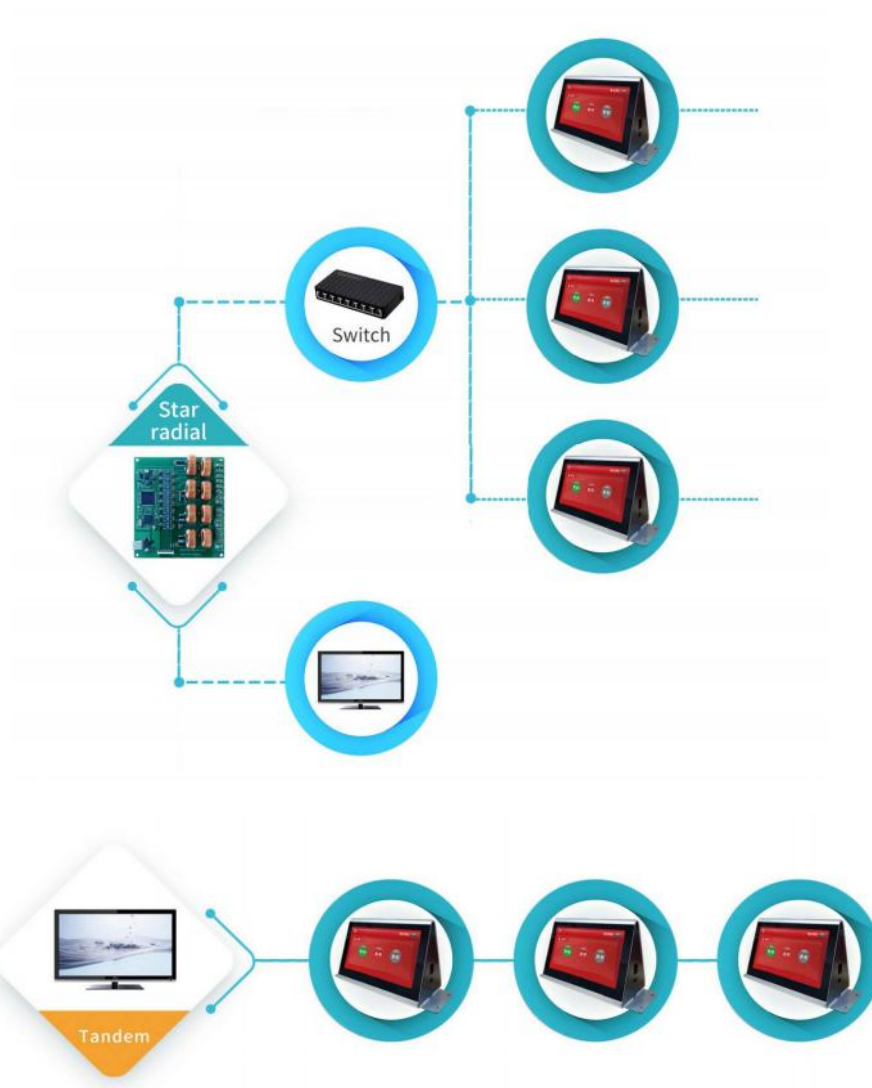


6.3 Electronic table sign

Electronic table sign is a smart color screen conference system solution developed by DWIN for the modern conference, which integrates a variety of meeting functions, has a high degree of internationalization, and enables paperless meetings, which can be used repeatedly.

Advantage

- 1 Integrate multiple functions of sign-in, voting, and call services in one.
- 2 Local area network method ensures the safety of meeting materials.
- 3 System management software for users to use directly and for easy management.



7 .LCD PANEL & TOUCH PANEL

Features

High productivity: 2.5 million pcs monthly.

High standard: 30 days charged aging, no bad pixels and full inspection

OEM A-grade glass, high-quality glass suppliers: Tianma, Innolux, Hannstar and BOE.

Customized service: luminance, high temperature, anti-glare, interface, cable length and cable shape etc.

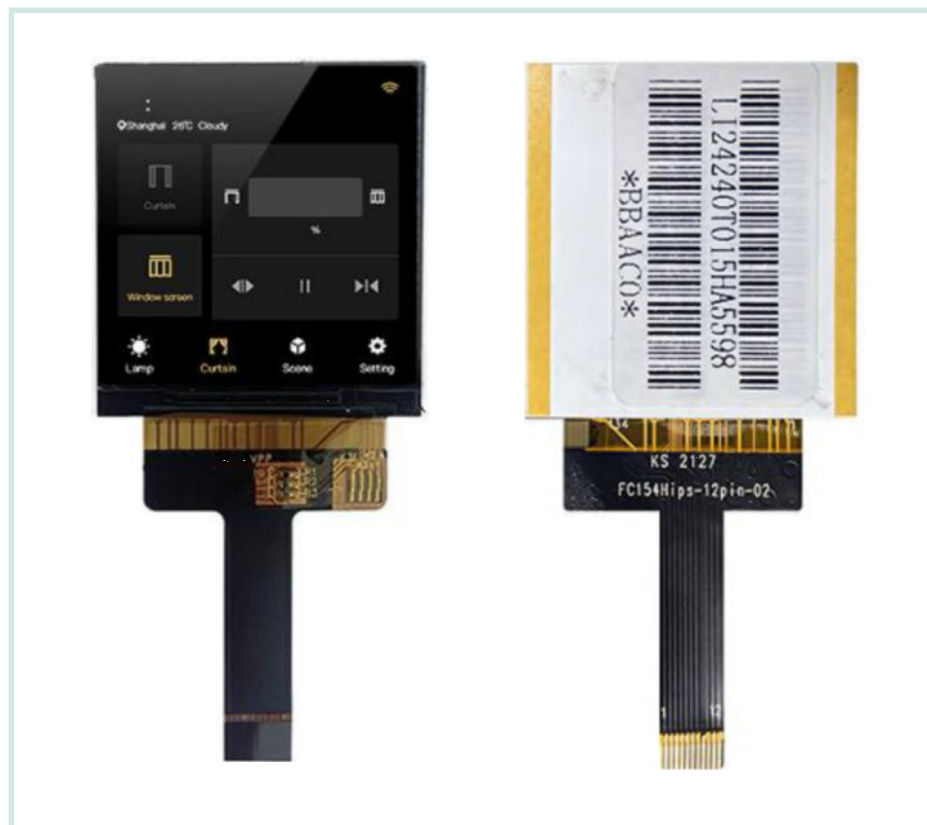
Provide free technical support.

7.1 LCD PANEL

Size	Model NO.	LCD Type	Resolution	LCD Interface	Luminance cd/m ²	Active Area(mm)	LCD Outline(mm)	FPC length(mm)	FPC thickness(mm)	Voltage for LED	Driver IC
1.3	LI24240C013HA2098	IPS	240*240	RGB 40PIN	200	32.4×32.4	35.6×38.1×1.6	26.9±0.5	0.3±0.03	3V	GC9A01A
1.54	LI24240T015HA5598	IPS	240*240	4SPI 12PIN	550	27.72×27.72	33.72×31.52×1.77	33.0±0.3	0.3±0.03	3.2V	ST7789V2
2	LI24320T020SA3598	IPS	240*320	RGB 40PIN	350	30.6×40.8	36.0×51.6×2.4	26.0±0.5	0.3±0.03	3V	ST7789V
2.1	LI48480T021BA4098	IPS	480*480	RGB 40PIN	400	53.28×53.28	56.18×59.71×2.3	27.12±0.5	0.3±0.03	12.8V	ST7701S
2.4	LN32240T024SA3098	TN	240*320	RGB 40PIN	300	36.72×48.96	42.72×59.4×2.30	26.6±0.5	0.3±0.03	12.8V	ILI9341
2.8	LN32240T028SA3598	TN	240*320	RGB 40PIN	350	43.2×57.6	50×69.2×2.3	25.51	0.3±0.05	12.8V	ST7789
3.5	LI48320T035IB3098	IPS	320*480	RGB 40PIN	300	48.96×73.44	54.5×83.0×2.1	27.1±0.5	0.3±0.03	9.3V	ST7796-G4
4.0	LI48480T040HA3098	IPS	480*480	RGB 50PIN	300	71.86×70.18	76.4×79.4×2.8	46.15	0.3±0.03	18V	ST7701S
4.1	LI72720T041TA3598	IPS	720*720	MIPI 40PIN	350	73.98×73.98	77.98×82×2.13	18.05±0.5	0.3±0.03	9.3V	ILI2882N
4.3	LN48272T043IB3598	TN	480*272	RGB 40PIN	300	95.04×53.85	105.4×67.1×2.95	46.13±0.5	0.3±0.03	12V	NV3047
	LI48272T043HA3098	IPS	480*272	RGB 40PIN	300	95.04×53.856	105.40×67.10×2.95	46.13±0.5	0.3±0.03	12V	SC7283
	LI48800T043TA9098	IPS	480*800	RGB 40PIN	900	56.16×93.6	67.1×105.4×3.0	35.43	0.3±0.03	15V	ST7701S
	LI48800T043TD3098	IPS	480*800	RGB 40PIN	300	56.16×93.6	60.86×102.57×2.7	35.43	0.3±0.03	15V	ST7701S
	LI48800T043TC3098	IPS	480*800	RGB 40PIN	300	56.16×93.6	67.1×105.4×3.0	35.43	0.3±0.03	15V	ST7701S
5	LI80480C050HA9098	IPS	800*480	RGB 40PIN	900	108.0×64.8	120.70×75.80×3.0	48.91±1.0	0.3	12V	ST7262-G4-1-H
	LN80480T050IA4098	TN	800*480	RGB 40PIN	400	108.0×64.8	120.7×75.8×3.0	49.26±1.0	0.3	18V	ILI6122/ILI6137A-00T004/ EK9713CA+ ILI5960/ EK73002AB2
	LN80480T050IA9098	TN	800*480	RGB 40PIN	900	108.0×64.8	120.7×75.8×3.0	49.26	0.3	18V	ILI6122+ILI5960
	LI12720T050TA3098	IPS	720*1280	MIPI 40PIN	300	62.10×110.40	66.10×118.30×1.61	22.5±0.5	0.3±0.03	9.6V	ILI9881H



Size	Model NO.	LCD Type	Resolution	LCD Interface	Luminance cd/m ²	Active Area(mm)	LCD Outline(mm)	FPC length(mm)	FPC thickness(mm)	Voltage for LED	Driver IC
7	LN80480T070IA3098	TN	800*480	RGB 50PIN	300	154.08×85.92	165×100×5.7	45.15±0.5	-	9V	ILI5960/ EK73002AB2+ILI6122/ ILI6137A-00T004/ EK9713CA
	LI10600T070IA7098	IPS	1024*600	RGB 50PIN	700	154.21×85.92	164.9×100.0×2.8	45.03±0.5	-	9.3V	HX8696-A01APD300/ HX8282-A11DPD300
	LN80480T070ID4598	TN	800*480	RGB 50PIN	450	154.08×85.92	164.9×100×5.7	80.15±0.5	-	9.3V	EK9713CA+EK73002AB2/ ILI6122+ILI5960
	LN80480T070IA9098	TN	800*480	RGB 50PIN	900	154.08×85.92	164.9×100×5.6	65.5	0.3±0.03	9V	ILI6122/ILI5960 or EK9713/EK7300
	LN80480T070IE3098	TN	800*480	RGB 50PIN	300	154.08×85.92	165×100×3.5	80	0.3±0.03	9V	ILI6137A+ILI5960
	LN80480T070IC3098	TN	800*480	RGB 50PIN	300	154.08×85.92	165×100×3.5	46.3	0.3±0.03	9V	ILI6137A+ILI5960
	LI10600T070IA3098	IPS	1024*600	RGB 50PIN	300	154.2144×85.92	165×100×3.5	45.74±0.5	-	9.3V	HX8282- A11DPD300+HX8696- A01APD300/EK79001HK+ EK73215BCGA
	LI10600T070HC7098	IPS	1024*600	RGB 50PIN	700	154.21×85.92	165×100×2.8	45.96	0.3±0.05	9V	EK79001/EK73215
8	LN80600T080IA4098	TN	800*600	RGB 50PIN	400	162.0×121.5	183.0×141.0×5.6	60±1.0	-	9V	NT39419BH+NT39211H/ EK9713B+EK73215
	LI10768T080IA3098	IPS	1024*768	LVDS 40PIN	300	162.05×121.54	183.0×141.0×3.5	43.95±1.0	0.3	9V	HX8282+HX8695
	LN80600T080IA9098	TN	800*600	RGB 50PIN	900	162.0×121.5	182.2×140.2×5.85	60±1.0	-	9.6V	HX8282+HX8696
10.1	LI10600T101IC2598	IPS	1024*600	RGB 50PIN	250	222.72×125.28	235.0×143.0×5.2	67.13±0.5	0.3±0.03	9.9V	ILI6150+ILI5120
10.4	LN80600T104IA4598	TN	800*600	RGB 60PIN	450	158.4×211.2	228.5×175.5×5.9	45±0.5	-	9.6V	HX8677/HX8264



LI24240T015HA5598

7.2 LCD PANEL WITH TOUCH PANEL

Size	Model No.	TP Model No	TP IC
1.3	LI24240C013HA2098-TCF	MC013F-125-CTP-B1(COF)	GT911
2	LI24320T020SA3598-TR	YF02002	-
	LI24320T020SA3598-TC	TPC020T0001G01V1(COF)	GT911
2.1	LI48480T021BA4098-TCF	TPC021C0001FS01V1(COF)	GT911
2.4	LN32240T024SA3098-TR	HR4 9732 2.4	-
	LN32240T024SA3098-TC	TP024Z0001A(COF)	GT911
2.8	LN32240T028SA3598-TR	HR4 9756 2.8 A1	-
	LN32240T028SA3598-TC	TP028Z0002A(COF)	GT911
3.5	LI48320T035IB3098-TR	HR4 9707 3.5	-
	LI48320T035IB3098-TC	CDG10455-3.5-A0-HLT(COF)	GT911
4	LI48480T040HA3098-TR	HR4 9986 4.0	-
	LI48480T040HA3098-TCF	TP040Z0003A(COF)	GT911
4.3	LN48272T043IB3598-TR	YF04329	-
	LN48272T043IB3598-TCF	TPC043T0023G01V1(COF)	GT911
	LI48272T043HA3098-TC	TPC043T0046G01V1(COF)	GT911
	LI48800T043TA9098-TR	YF04332	-
	LI48800T043TA9098-TCF	TPC043Z0001G01V1(COF)	GT911
	LI48800T043TD3098-TR	HR4 10177 4.3	-
	LI48800T043TD3098-TCF	TPC043Z0002G01V4(COF)	GT911
	LI48800T043TC3098-TR	YF04303	-
	LI48800T043TC3098-TCF	TPC043Z0001G01V1(COF)	GT911
5	LI80480C050HA9098-TR	YF05025	-
	LN80480T050IA4098-TR	YF05008	-
	LN80480T050IA4098-TCF	GME0831B(COF)	GT911
	LN80480T050IA9098-TR	YF05007	-
7	LN80480T070IA3098-TR	YF07002	-
	LN80480T070ID4598-TR	YF07002	-
	LN80480T070IA9098-TR	YF07045	-

*COF: TP with IC, COB: TP without IC



Size	Model No.	TP Model No	TP IC
7	LN80480T070IA9098-TCF	TPC070T0050G01V1(COF)	GT911
	LN80480T070IE3098-TR	YF07002	-
	LN80480T070IE3098-TCF	TPC070T0050G01V1(COF)	GT911
	LN80480T070IC3098-TR	YF07002	-
	LN80480T070IC3098-TCF	TPC070T0050G01V1(COF)	GT911
	LI10600T070IA3098-TR	YF07002	-
	LI10600T070IA3098-TCF	TPC070T0050G01V1(COF)	GT911
	LI10600T070IA7098-TR	YF07003	-
	LI10600T070IA7098-TCF	TPC070T0050G01V1(COF)	GT911
	LI10600T070HC7098-TR	YF07003	-
	LI10600T070HC7098-TCF	TPC070T0050G01V1(COF)	GT911
8	LN80600T080IA4098-TR	HR48537-8.0 /1HRS0912972B / YF08001	-
	LN80600T080IA4098-TCF	TPC080Z0009G01V1(COF)	GT911
	LI10768T080IA3098-TR	HR48537-8.0 /1HRS0912972B / YF08001	-
	LI10768T080IA3098-TCF	TPC080Z0009G01V1(COF)	GT911
	LN80600T080IA9098-TR	HR49555-8.0/YF08006	-
	LN80600T080IA9098-TCF	TPC080Z0009G01V1(COF)	GT911
10.1	LI10600T101IC2598-TR	YF10105	-
	LI10600T101IC2598-TCF	TPC101T0019G01V1(COF)	GT9110
10.4	LN80600T104IA4598-TR	HR4 8545 10.4	-



LI48272T043HA3098

For more details please kindly refer to: <DWIN TFT LCD + TP catalog>

7.3 TOUCH PANEL

	Size	Model NO.	Structure	Active Area(mm)	Outsize(mm)	FPC length(mm)	FPC thickness(mm)
RTP	4.3	YF04303	ITO Film+ITO Glass+FPC	56.16(L)×93.60(W)	67.7(L)×106.0(W)×1.55(T)	26±0.5	0.3±0.05
	7	YF07002	ITO Film+ITO Glass+FPC	153.68(L)×86.18(W)	163.8(L)×97.8(W)×1.5(T)	80±0.5	0.3±0.05
	8	HR4 8537 8.0	ITO Film+ITO Glass+FPC	121.5(L)×162.0(W)	141.0(L)×183.0(W)×1.40(T)	60±1.0	0.3±0.05
	10.4	HR4 8545 10.4	ITO Film+ITO Glass+FPC	158.2(L)×211.0(W)	174.0(L)×225.3(W)×1.4(T)	47±1.0	0.3±0.05

	Size	Model NO.	Structure	View Area(mm)	Outsize(mm)	IC	FPC length(mm)	FPC thickness(mm)
CTP	4.3	TPC043Z0001G01V1	G+G	56.56(L)×94.00(W)	67.00(L)×105.20(W)×1.78(T)	GT911	29.4±0.5	0.3±0.05
	7	TPC070T0050G01V1	G+G	154.08(L)×85.92(W)	164.6(L)×99.7(W)×1.6(T)	GT911	40±0.5	0.3±0.05
	8	TPC080Z0009G01V1	G+G	122.2(L)×162.6(W)	141.0(L)×183.0(W)×1.6(T)	GT911	39.9±0.5	0.3±0.05
	10.4	TPC104T0008G01V1	G+G	211.7(L)×158.9(W)	228.0(L)×174.4(W)×1.6(T)	GT9110	45.5±0.5	0.3±0.03

* Support customization for touch panel, such as size, logo, cover glass color shape&thickness ,Anti-UV, Anti-fingerprint, Anti-glare etc.

* The list above only shows partial standard touch panel. If the product needed is not in this list, please contact us freely.



8 .SWITCHING POWER

Model	Packaging	Max Power (W)	Input voltage rang(V)	Output voltage (V)	Current (mA)	Efficiency (%)	Max. Capacitive Load (uF)	Standby Power Cusumption	Cooling	Operation/ Storage(°C)	Size(mm)	Certification
AC-DC Power Module												
ADM360K120S001A	Resin sealing	36W	100-240 VAC	DC12V	3000mA	89	5000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	65.8*44.55 *26.03	EN60601-1/ CLASSII/CE
ADM360K240S001A	Resin sealing	36W	100-240 VAC	DC24V	1500mA	90	2000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	65.8*44.55 *26.03	N60601-1/ CLASSII/CE
ADM450K150S001A	Resin sealing	45W	100-240 VAC	DC15V	3000mA	88	7000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	115.25*52.2 *31.5	N60601-1/ CLASSII/CE
Wall Mounted Power Adapter												
ADA100K050S001A	Wall Mounted	10W	100-240 VAC	DC5V	2000mA	76	5500	0.075W	Nature Air Cooling	-40-+70/ -40-+85	70*47*48	EN60601-1/ CLASSII/CE
ADA360K090S001A	Wall Mounted	36W	100-240 VAC	DC9V	4000mA	88	7000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	70*47*48	EN60601-1/ CLASSII/CE
ADA360K120S001A	Wall Mounted	36W	100-240 VAC	DC12V	3000mA	89	5000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	70*47*48	EN60601-1/ CLASSII/CE
ADA360K240S001A	Wall Mounted	36W	100-240 VAC	DC24V	1500mA	90	2000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	70*47*48	EN60601-1/ CLASSII/CE
Desktop Power Adapter												
ADA360K090S001B	Desktop	36W	100-240 VAC	DC9V	4000mA	90	7000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	88.5*50.5 *31.5	EN60601-1/ CLASSII/CE
ADA360K120S001B	Desktop	36W	100-240 VAC	DC12V	3000mA	89	5000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	88.5*50.5 *31.5	EN60601-1/ CLASSII/CE
ADA360K240S001B	Desktop	36W	100-240 VAC	DC24V	1500mA	90	2000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	88.5*50.5 *31.5	EN60601-1/ CLASSII/CE
ADA450K150S001B	Desktop	36W	100-240 VAC	DC15V	3000mA	88	7000	0.075W	Nature Air Cooling	-40-+70/ -40-+85	119.36*55.3 *33.6	EN60601-1/ CLASSII/CE



For more details please kindly refer to: <Switching Power Catalog>





ALIBABA STORE



ALIEXPRESS



DIRECT INDUSTRY



MADE-IN-CHINA



DWIN Technology

Website: www.dwin-global.com

Hotline: +86 400 018 9008

Email: dwinhmi@dwin.com.cn

Application Support Center:

33rd Floor, North Tower Office Building, Jinmao Plaza, 1177 Meixi Lake Huanhu Road, Yuelu District, Changsha City, Hunan Province

Suzhou Office:

Room 1906-1907, 19th Floor, Tower A, Suzhou World Trade Center, 1588 Suzhan Road, Gusu District, Suzhou City, Jiangsu Province

Hangzhou Office:

Room 2307, Building 19, China Heart, Future Science and Technology City, Yuhang District, Hangzhou City, Zhejiang Province

Guangzhou Office:

1206, Building B3, Times E-park, East Hanxi Avenue, Panyu District, Guangzhou

Shenzhen Office:

Room 1103, Jinqi Zhigu Building, No. 1 Tangling Road, Liuxian Avenue, Nanshan District, Shenzhen