



DWIN TECHNOLOGY



# DWIN PRODUCT CATALOG

PROFESSIONAL, CREDITABLE, SUCCESSFUL 

## INTRODUCTION

Beijing headquarter	2003
Manufacturing center	Over 400,000 m <sup>2</sup>
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 and 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 a capacity of 20K-30K pieces per day.

### ● Stable supply and price

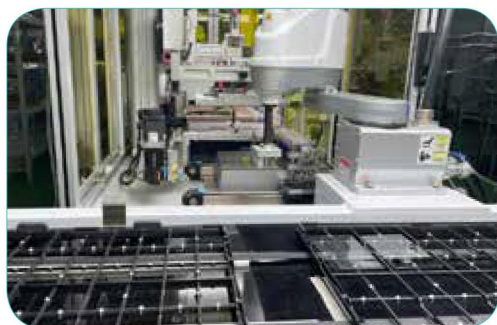
Establish long-term cooperation with the world's leading brands with direct supply.

### ● 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, Brazil and other regions.












**Headquarter—Beijing**  
Located in Nation Defense Science and Technology Park, Haidian District.  
Office area 2000m<sup>2</sup>



**Manufacturing Base—Taoyuan city**  
Manufacturing and service base with a building area of 400,000 m<sup>2</sup>

**Changsha, Hunan—Changsha office**

Chip	Picture	Technology	Packing	MCU	Application	Max. resolution
T5L0		HLMC 40nm	LQFP 128	Dual 8051	Small to medium size display	1024*768
T5L1		HLMC 55nm	LQFP 128	Dual 8051	Small to medium size display	1366*768
T5L2		SMIC 40nm	LQFP 128	Dual 8051	Large size display	1920*1080
T5L3		SMIC 40nm	LQFP 176	Dual 8051	Multimedia display	1920*1080
T5G		TSMC 40nm	BGA 400	Dual 8051 +Dual Hifi3 DSP+DDR3	Streaming media decoding and encoding large size multimedia display	4096*2560
T5F0		HLMC 40nm	QFN 88	Dual 8051	IoT	480*480
T5F2		HLMC 40nm	LQFP 128	Dual 8051		1920*1080
TPS04		HLMC 40nm	QFN 88	8051	High reliability CTP controlling	
TPS05		HLMC 55nm	QFN 88	ARM Cortex M3 8-ADC 16bit 100MSPS 2-DAC 16bit 100MSPS USB, WLAN interface	High reliability test instrument	

\* TPS04 and TPS05 are under development.

# CONTENTS

<b>1. UART PRODUCT</b>	<b>07</b>
1.1 DEFINITION OF DWIN SCREEN	07
1.1.1 NAMING SCHEME	07
1.1.2 APPLICATION GRADE DESCRIPTION	08
1.1.3 RELATED ACRONYMS EXPLANATION	09
1.2 CATALOG	11
1.3 PARAMETER	18
<b>2. SYSTEM SCREEN</b>	<b>43</b>
2.1 Android, Linux & HMI Naming Convention	43
2.2 CATALOG	44
2.3 PARAMETER	47
<b>3. HDMI INTERFACE SCREEN</b>	<b>49</b>
3.1 CATALOG	49
3.2 HDMI	50
<b>4. VIDEO SCREEN</b>	<b>51</b>
4.1 26 SERIES FSK VIDEO SCREEN	51
4.2 25 SERIES ANALOG VIDEO SCREEN	53
4.3 41 SERIES DIGITAL VIDEO SCREEN	54
4.4 27 SERIES ANALOG VIDEO SCREEN	55
<b>5. WALL-MOUNTED PANEL</b>	<b>56</b>
5.1 PARAMETER	56
<b>6. LCD PANEL &amp; TOUCH PANEL</b>	<b>57</b>
6.1 LCD PANEL	57
6.2 LCD PANEL WITH TOUCH PANEL	59
6.3 TOUCH PANEL	61
<b>7. SWITCHING POWER</b>	<b>62</b>
<b>8. INDUSTRY SOLUTION</b>	<b>63</b>
8.1 2K HIGH RESOLUTION DGUS LCD MODULE	63
8.2 ROUND UART LCD MODULE	64

8.3	FSK HIGH SPEED BUS SOLUTION .....	65
8.4	LCD MODULE WITH HDMI INTERFACE .....	71
8.5	DWIN TOUCH PANEL AND CUSTOMIZATION .....	72
8.6	MEDICAL-GRADE SWITCH POWER SOLUTION .....	74
8.7	DWIN LCD MODULE WITH OS SYSTEM .....	75
8.8	VIDEO LCD MODULE .....	76
8.9	DWIN COF LCD MODULE .....	77
8.10	"ASIC+SCREEN" SOLUTION .....	78
8.11	THERMOSTAT SOLUTION .....	79
8.12	AIR COMPRESSOR SOLUTION .....	80

# 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 40960=400*960 48270=480*272 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	013=1.3 inch 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=5.6 inch 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 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, Linux 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": Resistive 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 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. 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 is suitable for outdoor use.
	R5	5-wire RTP
	R5AV	5-wire RTP with anti-glare and anti-UV, it is 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
	240*240	DMG24240C013_13WN	IPS	Circular rotary switch LCD
1.5	240*240	DMG24240C015_03W	IPS	CTP&RTP, cost-effective
	240*240	DMG24240C015_13WN	IPS	Circular rotary switch LCD
1.6	400*400	DMG40400C016_03W	IPS	T5L0, circular LCD with wide viewing angle
	400*400	DMG40400F016_06W	IPS	T5L0-Q88, COF structure, WTC=Black WTCZ01=White WTCZ02=Integrated black
2.0	240*320	DMG32240C020_03W	IPS	CTP&RTP, cost-effective.
2.1	480*480	DMG48480C021_02W	IPS	T5L1, circular capacitive touch screen, round PCBA
		DMG48480C021_03W	IPS	T5L1, circular capacitive touch screen
		DMG48480F021_01W	IPS	COF structure, round TFT LCD
		DMG48480C021_13WTC	IPS	T5L0-Q88, Full-laminated capacitive touch screen, circular rotary screen with encoder shell
2.4	240*320	DMG32240C024_03W	TN	CTP&RTP, cost-effective.
2.8	240*320	DMG32240F028_01W	TN	COF structure, RTP. ultra-thin.
		DMG32240F028_02W	TN	COF structure, RTP, ultra-thin.
		DMG32240C028_03W	TN	COB structure, RTP&CTP. Easy to install.
	480*480	DMG48480C028_03W	IPS	Round LCD
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, suitable for users with cost requirements.
		DMG32240F035_01W	IPS	COF structure, WTC=Black WTCZ01=White WTCZ02=Integrated black
	320*480	DMG48320C035_03W	IPS	RTP&CTP, high cost-effective .

Size	Resolution	Model	LCD	Remark
3.5	320*480	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
3.7	240*960	DMG96240C037_03W	IPS	T5L1, full-laminated CTP, bar-type
4.0	480*480	DMG48480C040_06W	IPS	CTP, COF structure
		DMG48480C040_03W	IPS	RTP&CTP, special structure screen
		DMG48480T040_01W	IPS	1:1 square screen, with RTC
		DMG48480F040_01W	IPS	COF structure, variety colors are available.
	800*480	DMG80480C040_03W	IPS	RTP&CTP, reserved Wi-Fi interface.
		DMG80480T040_01W	IPS	Industrial-grade product with conformal coating, RTC.
	400*960	DMG40960F040_01W	IPS	T5L0, COF structure, bar-type
4.1	720*720	DMG72720C041_03W	IPS	Inc cell, ultra-thin product.
		DMG72720T041_06W	IPS	Inc cell, 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, the shell of DMG48270C043_15W is optional.
		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, narrow bezel.
		*1DMG80480T043_01W	IPS	Industrial-grade product with conformal coating.
		*1DMG80480T043_09W	IPS	UV protection, high brightness.
		*1DMG80480K043_03W	IPS	T5L1, medical-grade product.

Size	Resolution	Model	LCD	Remark
4.3	480*800	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°C, CTP with UV protection and AG function.
		DMG80480C050_04W	IPS	T5L0, cost-effective.
		DMG80480C050_15WTR	TN	T5L0, with shell, buzzer, RTC
		DMG80480C050_03W	TN	RTP&CTP, cost-effective.
		DMG80480C050_04W	IPS	T5L0, cost reduction solution, the shell of DMG80480C050_15W is optional.
		DMG80480T050_02W	IPS	T5L0, industrial-grade product with conformal coating.
		DMG80480T050_09W	IPS	T5L0, high brightness industrial-grade product with conformal coating.
		DMG80480T050_A5W	IPS	Industrial-grade product with conformal coating and UV protection. 750nit highlight.
		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 frame.
	1280*720	DMG12720C050_03W	IPS	Incell, narrow frame, reserved Wi-Fi interface.
		DMG12720T050_06W	IPS	T5L1, medical-grade product, narrow frame.
		DMG12720T050_01W	IPS	Incell, fully enclosed structure.
5.7	640*480	DMG64480T057_01W	IPS	T5L0, with conformal coating
		DMG64480K057_03W	IPS	T5L0, with conformal coating, UART5:485
6.8	480*1280	DMG12480C068_03W	IPS	T5L2, bar type 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
		DMG80480F070_02W	TN	T5L0, COF structure, ultra-thin product
		DMG80480F070_06W	TN	T5L0, COF structure, Frame-laminated RTP and CTP
		DMG80480L070_01W	IPS	T5L1, RTP, initial burning TA mode, cost-effective.



Size	Resolution	Model	LCD	Remark
7.0	800*480	DMG80480C070_04W	TN	T5L0, cost-effective, the shell of DMG80480C070_15W is optional.
		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.
		DMG80480T070_A5W	TN	T5L1, 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.
	1024*600	DMG10600C070_03W	IPS	T5L2, CTP&RTP, cost-effective.
		DMG10600F070_01W	IPS	T5L2, COF structure, various colors are available.
		DMG10600F070_02W	IPS	T5L2, COF structure, frame-laminated CTP
		DMG10600T070_A5W	IPS	T5L2, the model with CTP reserved IO or AD interface, 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.
		DMG10600K070_03W	IPS	T5L2, medical-grade product with conformal coating.
		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.
		DMG80600F080_01W	TN	T5L1, COF structure, ultra-thin product
		DMG80600C080_03W	TN	RTP&CTP, cost-effective.
		DMG80600T080_02W	TN	T5L1, industrial-grade with conformal coating.

Size	Resolution	Model	LCD	Remark
8.0	800*600	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.
		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, bar type screen, generally used in smart home.
		DMG19480T088_01W	IPS	T5L2, industrial-grade, bar 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.
		DMG10768K097_03W	TN	T5L2, medical-grade product, with conformal coating.
		DMG10768S097_03W	TN	T5L2, CTP&RTP, -40~85°C, CTP with UV protection and AG function.
10.1	1024*600	DMG10600Y101_01N	TV-TN	T5L2, cost-effective.
		DMG10600Y101_02W	TV-TN	T5L0, cost-effective
		DMG10600F101_01W	IPS	T5L2, COF Ultra-thin structure
		DMG10600C101_03W	IPS	RTP&CTP, used for indoor equipment.
		DMG10600C101_04W	IPS	T5L, RTP&CTP, wide viewing angle.
		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_A5W	IPS	T5L 2, reserved IO or AD interface, with shell.
		DMG10600K101_03W	IPS	T5L2, medical-grade product.
	1280*800	DMG12800L101_01W	IPS	RTP&CTP, cost-effective, with RTC and shell.

Size	Resolution	Model	LCD	Remark
10.1	1280*800	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	DMG80600L104_01W	TN	T5L1, cost-effective
		DMG80600C104_03W	TN	RTP&CTP, commercial-grade 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	IPS	T5L2, industrial-grade with conformal coating, 16MBFlash.
		DMG10768C104_03W	IPS	RTP&CTP, with onboard speaker, Wi-Fi 10 module, offline voice module.
		DMG10768S104_03W	IPS	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.
		DMG10768K104_03W	IPS	T5L, medical-grade product, support RS232 and RS485 communication.
	1920*1080	DMG19108C116_02W	IPS	CTP, high resolution with video play function, running DGUS system, with RTC.
		DMG19108C116_05W	IPS	Triple T5L2, FSK BUS interface optional.
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.
	800*600	DMG80600T121_15W	TN	T5L1, with shell, built-in RTC and speaker.
		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	Triple T5L2, FSK BUS interface optional
14.0	1920*1080	DMG19108C140_05W	IPS	Triple T5L2, FSK BUS interface optional

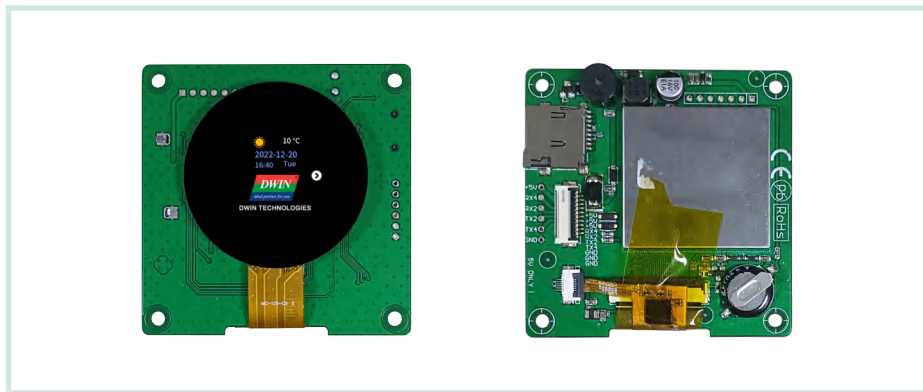
Size	Resolution	Model	LCD	Remark
15.0	1024*768	DMG10768Y150_01N	TV-TN	Cost-effective.
		DMG10768C150_03W	TN	RTP, cost-effective, Wi-Fi interface reserved.
		DMG10768T150_01W	IPS	RTP&CTP, industrial-grade with conformal coating and RTC.
		DMG10768T150_15W	IPS	With conformal coating, with shell
		DMG10768K150_03W	IPS	T5L2, medical-grade product with conformal coating.
		DMG10768S150_03WTC	IPS	T5L2, outdoor severe environment application. -40~85°C with conformal coating
15.6	1366*768	DMG13768C156_03W	TN	CTP, commercial-grade, high resolution.
	1920*1080	DMG19108C156_05W	IPS	Triple T5L2, FSK BUS interface optional.
17.3	1920*1080	DMG19108C173_05W	IPS	Triple T5L2, FSK BUS interface optional
18.5	1364*768	DMG13768C185_03W	TN	Dual T5L2, FSK BUS interface optional
	1920*1080	DMG19108C185_05W	IPS	Triple T5L2, FSK BUS interface optional
21.5	1920*1080	DMG19108C215_05W	IPS	Triple T5L2, FSK interface optional

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

## 1.3 PARAMETER

### 1.30 INCH

Size	Model	Level	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	***
1.3	DMG24240C013_13WN	Commercial	240*240	400nit	4.5-5.5V	TTL 4Pin_2.0mm	IPS	***



DMG24240C013\_03W

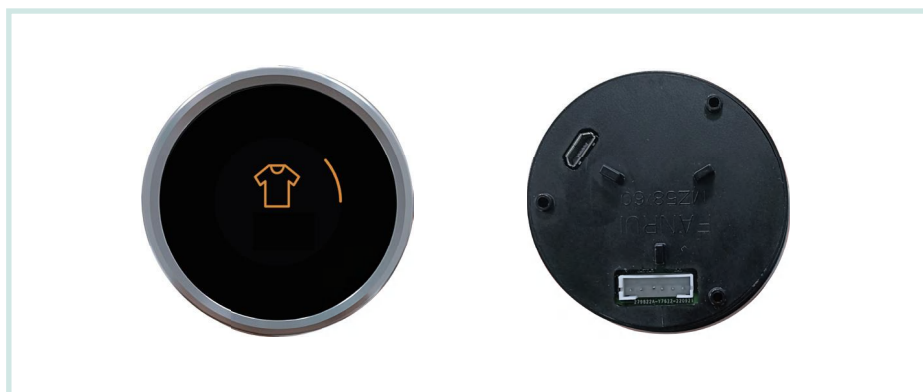


DMG24240C013\_13WN



## 1.54 INCH

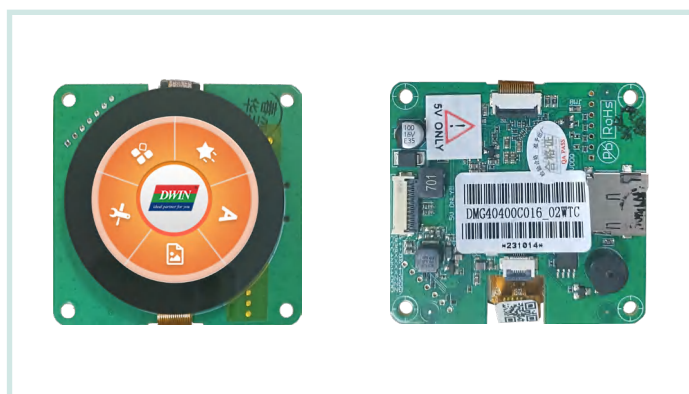
Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
1.5	DMG24240C015_03W	Commercial	240*240	250、300nit	4.5-5.5V	TTL 10Pin_1.0mm	IPS	***
1.5	DMG24240C015_13WN	Commercial	240*240	-	4.5-5.5V	TTL 6Pin_2.0mm	IPS	***



DMG24240C015\_13WN

## 1.6 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
1.6	DMG40400C016_03W	Commercial	400*400	250nit	4.5-5.5V	TTL 10Pin_1.0mm	IPS	GFF
1.6	DMG40400F016_06W	COF	400*400	50、250、300nit	4.5-5.5V	TTL 10Pin_1.0mm	IPS	GFF



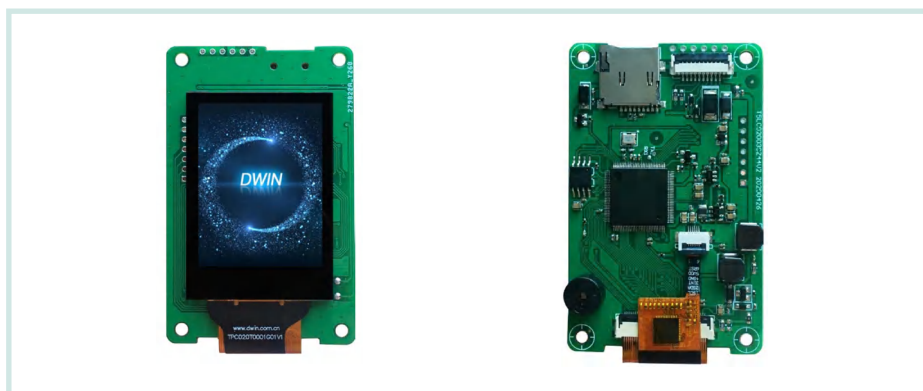
DMG40400C016\_03WTC



DMG40400F016\_06WTCZ01

## 2.0 INCH

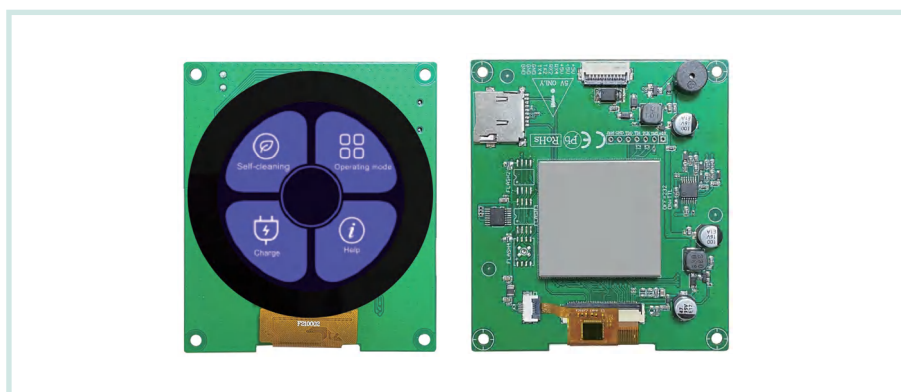
Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
2.0	DMG32240C020_03W	Commercial	240*320	250、300nit	4.5-5.5V	TTL 10Pin_1.0mm	IPS	***



DMG32240C020\_03W

## 2.1 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
2.1	DMG48480C021_02W	Commercial	480*480	350nit	4.5-5.5V	TTL/232 10Pin_1.0mm	IPS	GFF
2.1	DMG48480C021_03W	Commercial	480*480	350nit	4.5-5.5V	TTL/232 10Pin_1.0mm	IPS	GFF
2.1	DMG48480F021_01W	COF	480*480	350nit	3.6-5.5V	TTL 50Pin_0.5mm	IPS	No touch
2.1	DMG48480C021_13WTC	Commercial	480*480	350nit	4.5-5.5V	6Pin_2.0mm	IPS	GFF



DMG48480C021\_03W



DMG48480C021\_13WTC

## 2.4 INCH

Size	Model	Level	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 mm	TN	***



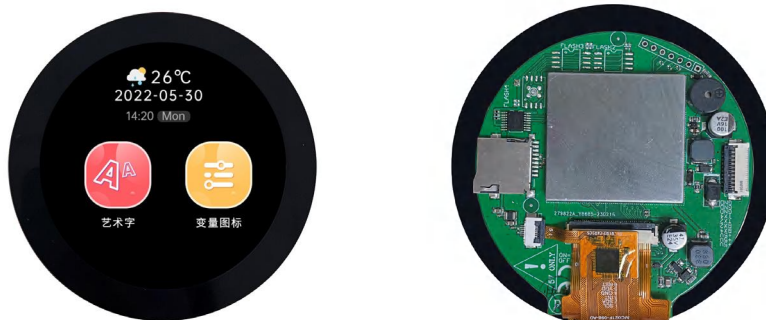
DMG32240C024\_03W

## 2.8 INCH

Size	Model	Level	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 mm	TN	***
2.8	DMG32240F028_01W	COF	240*320	250、300nit	4.5-5.5V	TTL 50Pin_0.5mm	TN	R4
2.8	DMG32240F028_02W	COF	240*320	300nit	3.6-5.5V	TTL 50Pin_0.5mm	TN	R4
2.8	DMG48480C028_03W	Commercial	480*480	300nit	4.5-5.5V	TTL/RS232 10Pin_1.0mm	IPS	GFF



DMG32240C028\_03W



DMG48480C028\_03W

## 3.0 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
3.0	DMG64360T030_01W	Industrial	640*360	250、300nit	4.5-5.5V	TTL 10Pin_1.0mm	IPS	R4
3.0	DMG64360K030_01W	Medical	640*360	250、300nit	4.5-5.5V	TTL 10Pin_1.0mm	IPS	R4/CG



DMG64360K030\_01W

## 3.5 INCH

Size	Model	Level	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 mm	IPS	R4/CG
3.5	DMG32240F035_01W	COF	320*240	100、150、200、250nit	3.6-5.5V	TTL 50Pin_0.5mm	IPS	R4/CG
3.5	DMG48320C035_03W	Commercial	480*320	250nit	4.5-5.5V	TTL 10Pin_1.0 mm	IPS	R4/CG
3.5	DMG48320F0355_01W	COF	320*480	50、300、350nit	4.5-5.5V	TTL 50Pin_0.5mm	IPS	CG
3.5	DMG64480T035_01W	Industrial	640*480	250、300nit	4.5-5.5V	TTL 10Pin_1.0 mm	IPS	R4
3.5	DMG80480T035_01W	Industrial	480*800	250、300nit	4.5-5.5V	TTL 10Pin_1.0 mm	IPS	R4



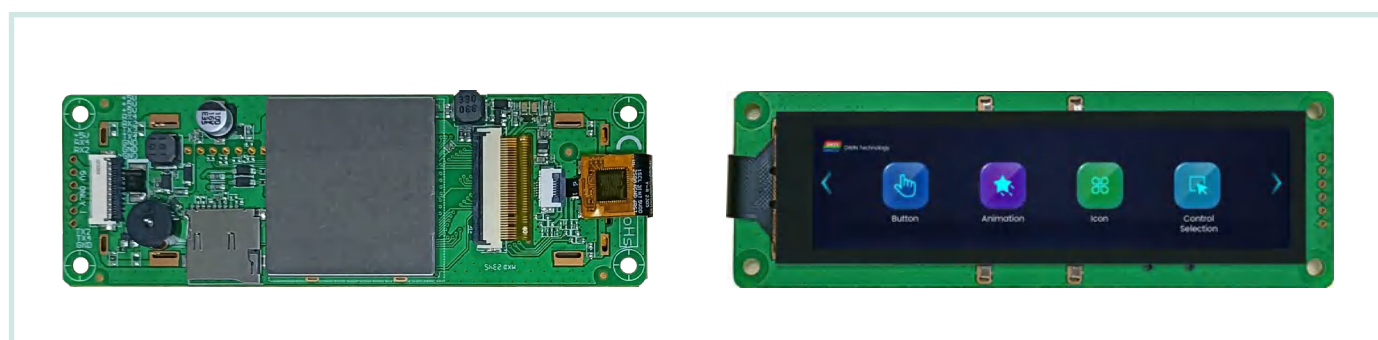
Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
3.5	DMG64480K035_03W	Medical	640*480	150、200nit	4.5-5.5V	TTL 10Pin_1.0 mm	IPS	R4/CG
3.5	DMG80480K035_03W	Medical	480*800	250、300nit	4.5-5.5V	TTL 10Pin_1.0 mm	IPS	R4/CG



DMG80480K035\_03W

### 3.7 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
3.7	DMG96240C037_03W	Commercial	240*960	300、350、400nit	4.5-5.5V	TTL/RS232 10Pin_1.0mm	IPS	CG/R4



DMG96240C037\_03W

## 4 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
4.0	DMG48480C040_06W	Commercial	480*480	250nit	4.5-5V	TTL FCC40_0.5mm	IPS	***
4.0	DMG48480C040_03W	Commercial	480*480	250、300nit	4.5-5.5V	TTL 10pin_1.0mm	IPS	R4/CG
4.0	DMG48480T040_01W	Industrial	480*480	250、300nit	6-36V	TTL/232 8pin_2.0mm	IPS	R4
4.0	DMG48480F040_01W	COF	480*480	50、200、250nit	4.5-5.5V	TTL 50pin_0.5mm	IPS	CG
4.0	DMG80480C040_03W	Commercial	480*480	300、350nit	4.5-5.5V	TTL 10pin_1.0mm	IPS	R4/CG
4.0	DMG80480T040_01W	Industrial	480*480	350、400nit	6-36V	TTL/232 8pin_2.0mm	IPS	R4
4.0	DMG40960F040_01W	COF	400*960	200nit	3.6-5.5V	TTL 50Pin_0.5mm	IPS	R4



DMG80480C040\_03W

## 4.1 INCH

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



DMG72720T041\_06WTC

## 4.3 INCH

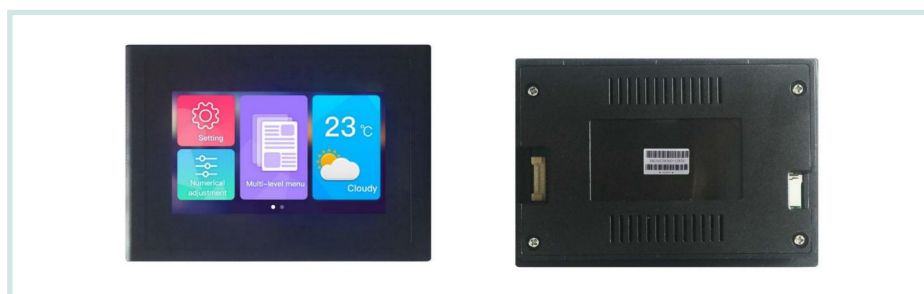
Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
4.3	DMG48270C043_03W	Commercial	480*272	250、300nit	4.5-5.5V	TTL 10Pin_1.0mm	TN	R4/CG
4.3	DMG48270C043_04W	Commercial	480*272	250、300nit	4.5-5.5V	TTL/232 10Pin_1.0mm	TV-TN	R4/CG
4.3	DMG48270C043_05W	Commercial	480*272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



DMG80480T043\_09W

## 4.3 INCH WITH SHELL

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



## 5 INCH

DMG48270C043\_15W

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



DMG12720T050\_01W

## 5 INCH WITH SHELL

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
5.0	DMG80480T050_A5W	Industrial	800*480	250、300nit	6-36V	232/485 8Pin_3.81mm	IPS	R4/CG
5.0	DMG80480C050_15WTR	Commercial	800*480	200nit	6-36V	232/485 8Pin_2.0mm	TN	R4



DMG80480T050\_A5W

## 5.7 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
5.7	DMG64480T057_01W	Industrial	640*480	400、450、500nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4/CG
	DMG64480K057_03W	Medical	640*480	400、450、500nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4/CG



DMG64480K057\_03W



## 6.8 INCH

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

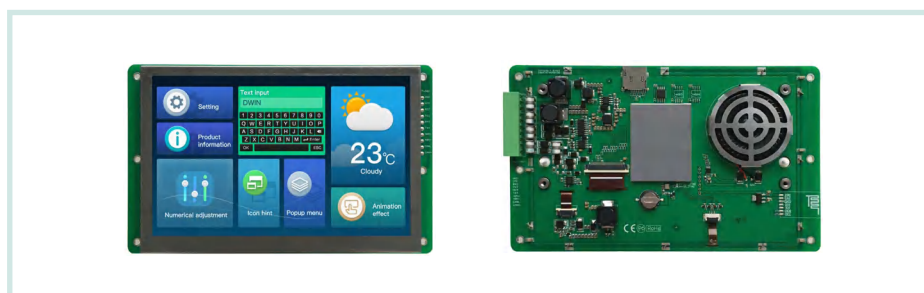


DMG12480C068\_03W

## 7 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
7.0	DMG80480L070_01W	Consumer	800*480	200nit	6-15V	TTL/232 10Pin_1.0 mm	TN	R4
7.0	DMG80480C070_03W	Commercial	800*480	250、300nit	4.5-5.5V	TTL/232 8Pin_2.0/10Pin_1.0 mm	TN	R4/CG
7.0	DMG80480C070_04W	Commercial	800*480	200nit	4.5-5.5V	TTL/232 10Pin_1.0mm	TN	R4/CG
7.0	DMG80480T070_05W	Industrial	800*480	250、300nit	6-36V	TTL/232 8Pin_2.0mm	TN	R4/CG
7.0	DMG80480T070_09W	Industrial	800*480	750、800、 900nit	6-36V	TTL/232 8Pin_2.0mm	TN	R4/CG
7.0	DMG80480F070_01W	COF	800*480	200、250nit	4.5-5.5V	TTL 50Pin_0.5mm	TN	R4
7.0	DMG80480F070_02W	COF	800*480	150、200、 250nit	4.5-5.5V	TTL 50Pin_0.5mm	TN	R4/CG
7.0	DMG80480F070_06W	COF	800*480	150、200、 250nit	4.5-5.5V	TTL 10Pin_1.0mm	TN	R4/CG
7.0	DMG80480C070_06W	COF	800*480	200、250nit	4.5-5.5V	TTL 10Pin_1.0mm	TN	R4
7.0	DMG80480S070_03W	Harsh Environment	800*480	800、1000nit	7-36V	232/485/CAN 10Pin_3.81mm	IPS	R4

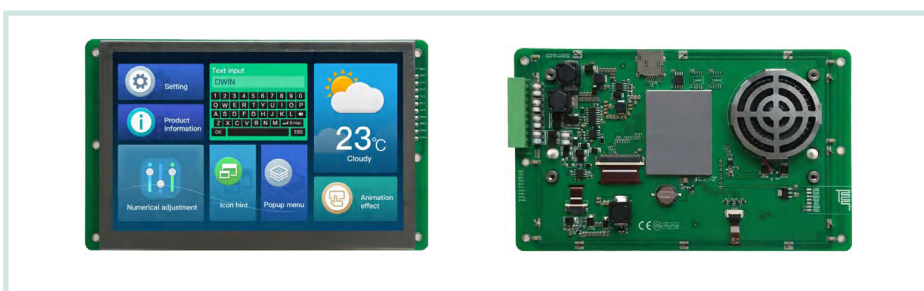
Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
7.0	DMG10600C070_03W	Commercial	1024*600	250、300nit	4.5-5.5V	TTL/232 10Pin_1.0mm	IPS	R4/CG
7.0	DMG10600F070_01W	COF	1024*600	50、250、 300nit	3.6-5.5V	TTL 50Pin_0.5mm	IPS	CG
7.0	DMG10600F070_02W	COF	1024*600	200、250、 300nit	4.5-5.5V	TTL 50Pin_0.5mm	IPS	R4/CG
7.0	DMG10600T070_01W	Industrial	1024*600	250、300nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4/CG
7.0	DMG10600T070_09W	Industrial	1024*600	600、650、 700nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4/CG
7.0	DMG10600S070_03W	Harsh Environment	1024*600	400、450、 500nit	12-36V	485/232 8Pin_2.0/2pin_2.0mm	IPS	R4/CG



DMG80480S070\_03W

## 7 INCH

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



DMG80480S070\_03W

## 7 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
7.0	DMG80480C070_15W	Commercial	800*480	200nit	6-36V	232/480 8Pin_3.81mm	TV-TN	R4
7.0	DMG80480T070_15W	Industrial	800*480	250nit	6-36V	232/485 8Pin_3.81mm	TN	R4
7.0	DMG80480T070_A5W	Industrial	800*480	250nit	6-36V	232/485 8Pin_3.81mm	TN	R4
7.0	DMG10600T070_A5W	Industrial	1024*600	250nit	7-36V	232/485 8Pin_3.81mm	IPS	R4/CG



DMG10600T070\_A5W

## 7.4 INCH

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



DMG12400C074\_03W

## 7.8 INCH

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

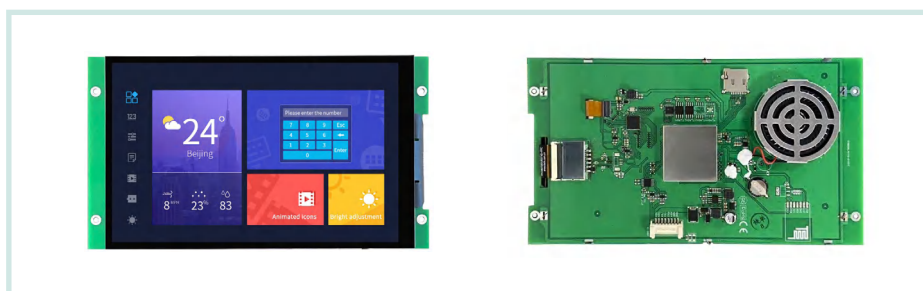


DMG12400C078\_03W

## 8 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
8.0	DMG80600F080_01W	COF	800*600	200、250、300nit	4.5~5.5V	TTL 50Pin_0.5mm	TN	RTP/CG
8.0	DMG80600S080_03W	Harsh Environment	800*600	650nit	6-36V	485/232 8Pin_2.0/2pin_2.0mm	TN	RTP
8.0	DMG80600L080_01W	Consumer	800*600	250nit	6V-15V	TTL/232 8Pin_2.0mm	TN	R4
8.0	DMG80600C080_03W	Commercial	800*600	250、300nit	4.5V-5.5V	TTL/232 10Pin_1.0mm	TN	R4/CG
8.0	DMG10768C080_03W	Commercial	1024*768	200、250nit	4.5V-5.5V	TTL 10Pin-1.0mm	IPS	R4/CG
8.0	DMG12800C080_03W	Commercial	800*1280	200、250nit	6V-15V	TTL/232 8Pin_2.0mm	IPS	R4/CG
8.0	DMG80600T080_02W	Industrial	800*600	350、400nit	6V-36V	TTL/232 8Pin_2.0mm	TN	R4/CG
8.0	DMG80600T080_09W	Industrial	800*600	750、800、900nit	6V-36V	TTL/232 8Pin_2.0mm	TN	R4/CG
8.0	DMG12800T080_01W	Industrial	800*1280	200、250nit	6-36V	TTL/232 8Pin_2.0mm	TN	R4/CG

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
8.0	DMG10768T080_01W	Industrial	1024*768	250、300nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4/CG
8.0	DMG80600K080_03W	Medical	800*600	300、350、 400nit	6-36V	485/232 2Pin_2.0/8Pin_2.0mm	TN	R4/CG
8.0	DMG10768K080_03W	Medical	1024*768	650、700nit	6-36V	485/232 2Pin_2.0/8Pin_2.0mm	IPS	R4/CG
8.0	DMG12800K080_03W	Medical	800*1280	150、200nit	6-36V	485/232 2Pin_2.0/8Pin_2.0mm	IPS	R4/CG



DMG12800T080\_01WTC

## 8 INCH WITH SHELL

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

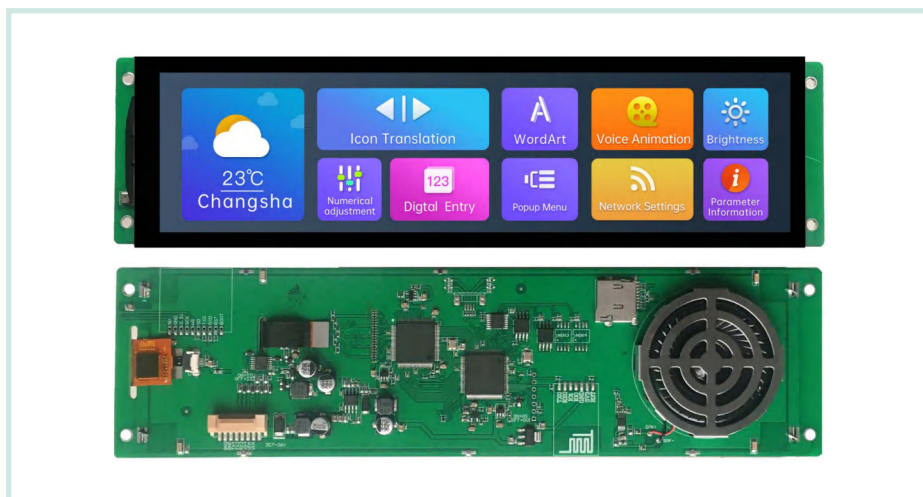


DMG80600T080\_15W



## 8.88 INCH

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



DMG19480C088\_03W

## 9.7 INCH

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



DMG10768T097\_01W



## 10.1 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
10.1	DMG10600Y101_01N	Beauty	1024*600	250、280、300nit	5V	TTL/232 8Pin_2.0mm	TV-TN	R4/CG
10.1	DMG10600Y101_02N	Beauty	1024*600	250nit	6-15V	TTL/232 8Pin_2.0mm	TV-TN	R4/CG
10.1	DMG10600F101_01W	COF	1024*600	50、150、200、250nit	4.5-5.5V	TTL/ 50Pin_0.5mm	IPS	R4/CG
10.1	DMG10600C101_03W	Commercial	1024*600	200、250nit	6-15V	TTL/232 8Pin_2.0mm	IPS	R4/CG
10.1	DMG10600C101_04W	Commercial	1024*600	200nit	6-15V	TTL/232 8Pin_2.0mm	IPS	R4/CG
10.1	DMG10600T101_01W	Industrial	1024*600	200、250nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4/CG
10.1	DMG10600T101_09W	Industrial	1024*600	550、600nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4
10.1	DMG10600k101_03W	Medical	1024*600	250、300nit	6-36V	485/232 2Pin_2.0/8Pin_2.0mm	IPS	R4/CG
10.1	DMG12800L101_01W	Consumer	1024*600	250、300nit	7-15V	TTL/232 8Pin_2.0mm	IPS	R4/CG
10.1	DMG12800T101_01W	Industrial	1280*800	250、300nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4
10.1	DMG12800k101_03W	Medical	1280*800	300、350、400nit	6-36V	485/232 2Pin_2.0/8Pin_2.0mm	IPS	R4/CG



DMG10600T101\_09W

## 10.1 INCH WITH SHELL

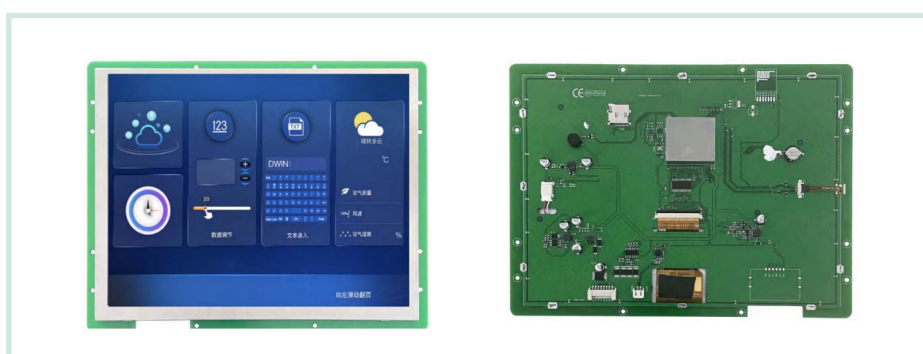
Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
10.1	DMG10600C101_15W	Commercial	1024*600	250nit	6-36V	232/485 8Pin_3.81mm	TN	R4/CG
10.1	DMG10600T101_A5W	Industrial	1024*600	250nit	7-36V	232/485 8Pin_3.81mm	TN	R4/CG



DMG10600C101\_15W

## 10.4 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
10.4	DMG80600L104_01W	Consumer	800*600	200、250nit	6-36V	TTL/232 8Pin_2.0mm	TN	R4/CG
10.4	DMG80600C104_03W	Commercial	800*600	300、350nit	6-15V	TTL/232 8Pin_2.0mm	TN	R4/CG
10.4	DMG80600T104_01W	Industrial	800*600	300、350nit	6-36V	TTL/232 8Pin_2.0mm	TN	R4/CG
10.4	DMG80600S104_03W	Harsh Environment	800*600	200、250、300nit	12-36V	485/232 8Pin_2.0/2pin_2.0mm	TN	R4/CG
10.4	DMG10768C104_03W	Commercial	1024*768	250、300nit	6-15V	TTL/232 8Pin_2.0mm	IPS	R4/CG
10.4	DMG10768T104_01W	Industrial	1024*768	250、300nit	6-36V	TTL/232 8Pin_2.0mm	IPS	R4/CG
10.4	DMG10768K104_03W	Medical	1024*768	250、300nit	6-36V	485/232 2Pin_2.0/8pin_2.0mm	IPS	R4/CG
10.4	DMG10768S104_03W	Harsh Environment	1024*768	200、250、300nit	12-36V	485/232 8Pin_2.0/2pin_2.0mm	IPS	R4/CG



DMG10768K104\_03W

## 11.6 INCH

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



DMG19108C116\_05W

## 12.1 INCH

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



DMG12800K121-03W

## 12.1 INCH WITH SHELL

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



DMG80600T121\_15W

## 13.3 INCH

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



DMG19108C133\_05W

## 14.0 INCH

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



DMG19108C140\_05W

## 15.0 INCH

Size	Model	Level	Resolution	Brightness	Power Voltage	Interface	LCD	Touch Screen Type
15.0	DMG10768Y150_01N	Beauty	1024*768	150、200nit	12-36V	TTL/232 8Pin_2.0mm	TN	R4
15.0	DMG10768C150_03W	Commercial	1024*768	250、300nit	12-36V	TTL/232 8Pin_2.0mm	EWTN	R4/CG
15.0	DMG10768T150_01W	Industrial	1024*768	300、350nit	12-36V	TTL/232 8Pin_2.0mm	IPS	R4/CG
15.0	DMG10768K150_03W	Medical	1024*768	300、350nit	10-36V	485/232 2Pin_2.0/8Pin_2.0mm	IPS	R4/CG
15.0	DMG10768S150_03W	Harsh Environment	1024*768	200、250、300nit	12-36V	485/232 2Pin_2.0/8Pin_2.0mm	IPS	R4/CG



DMG10768T150\_01W

## 15.0 INCH WITH SHELL

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



DMG10768T150\_15W

## 15.6 INCH

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



DMG19108C156\_05W



## 17.3 INCH

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



DMG19108C173\_03W

## 18.5 INCH

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



DMG13768C185\_03W

## 21.5 INCH

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



DMG19108C215\_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	DMG80480T050_32WTC DMG12800C070_32WTC DMG12800C070_32WTCZ03 DMG10600C101_32WTC DMG10600C101_32WTCZ01 DMG12800T070_32WTC DMG12800T070_32WTCZ01 DMG19108C156_32WTC	Android 11
33	Android	RK3288	Quad core ARM Cortex-A17 1.8GHz	DMG10768T080_33WTC DMG12800C101_33WTC DMG19480T088_33WTC	Android 8.1
34	Android	RK3288	Quad core ARM Cortex-A17 1.8GHz	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	Linux3.10
36	LINUX	Allwinner T113-S3	Dual Core ARM Cortex-A7 1GHz	DMT80480T050_36WTC DMT80480T050_36WTR DMT12800T101_36WTC	Linux5.4
40	LINUX	RK3566	Quad core ARM Cortex-A55 1.8GHz	DMG80480T050_40WTC DMG80480T050_40WTCZOS-1 DMG12800C070_40WTC DMG12800C070_40WTCZOS-1 DMG12800T070_40WTCZOS-1 DMG12800T070_40WTC DMG10600C101_40WTC DMG10600C101_40WTCZOS-1	Linux4.19
38	HMI	Allwinner A40I	Quad core ARM Cortex-A7 1.2GHz	DMT10600T070_38WTR DMT10600T070_38WTC DMT10768T080_38WTC DMT10600T101_38WTC DMT10768T097_38WTC	Linux3.10
39	HMI	Allwinner T113-S3	Dual Core ARM Cortex-A7 1GHz	DMT80480T050_39WTC DMT80480T050_39WTR DMT12800T101_39WTC	Linux5.4

## 2.2 CATALOG

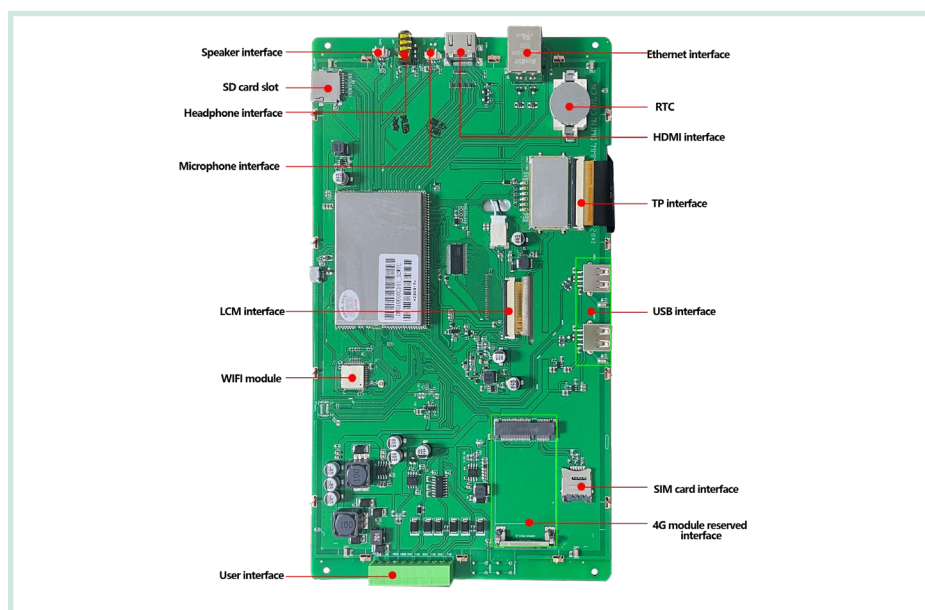
Size	Resolution	Model	Type	LCD
5.0	800*480	DMG80480T050_32WTC	Android	IPS
7.0	1280*800	DMG12800C070_32WTC	Android	IPS
7.0	1280*800	DMG12800C070_32WTCZ03	Android	IPS
7.0	1280*800	DMG12800T070_32WTC	Android	IPS
7.0	1280*800	DMG12800T070_32WTCZ01	Android	IPS
7.0	1280*800	DMG12800T070_34WTC	Android	IPS
8.0	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	DMG10600C101_32WTCZ01	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
15.6	1920*1080	DMG19108C156_32WTC	Android	IPS
5.0	800*480	DMT80480T050_36WTC	Linux	IPS
5.0	800*480	DMT80480T050_36WTR	Linux	IPS
5.0	800*480	DMG80480T050_40WTC	Linux	IPS
5.0	800*480	DMG80480T050_40WTCZOS-1	Linux	IPS
7.0	1024*600	DMT10600T070_35WTC	Linux	IPS
7.0	1024*600	DMT10600T070_35WTR	Linux	IPS
7.0	1280*800	DMG12800C070_40WTC	Linux	IPS
7.0	1280*800	DMG12800C070_40WTCZOS-1	Linux	IPS
7.0	1280*800	DMG12800T070_40WTC	Linux	IPS
7.0	1280*800	DMG12800T070_40WTCZOS-1	Linux	IPS
8.0	1024*768	DMT10768T080_35WTC	Linux	IPS
9.7	1024*768	DMT10768T097_35WTC	Linux	TN
10.1	1024*600	DMT10600T101_35WTC	Linux	IPS

Size	Resolution	Model	Type	LCD
10.1	1024*600	DMG10600C101_40WTC	Linux	IPS
10.1	1024*600	DMG10600C101_40WTCZOS-1	Linux	IPS
10.1	1280*800	DMT12800T101_36WTC	Linux	IPS
5.0	800*480	DMT80480T050_39WTC	HMI	IPS
5.0	800*480	DMT80480T050_39WTR	HMI	IPS
7.0	1024*600	DMT10600T070_38WTC	HMI	IPS
7.0	1024*600	DMT10600T070_38WTR	HMI	IPS
8.0	1024*768	DMT10768T080_38WTC	HMI	IPS
9.7	1024*768	DMT10768T097_38WTC	HMI	TN
10.1	1024*600	DMT10600T101_38WTC	HMI	IPS
10.1	1280*800	DMT12800T101_39WTC	HMI	IPS

## 2.3 PARAMETER

### • ANDROID

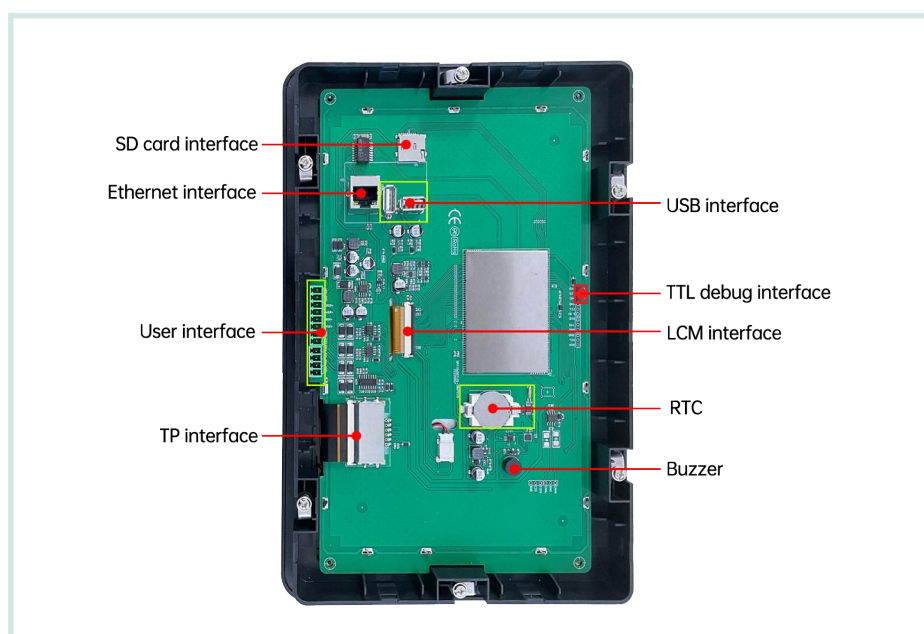
Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temperature	Storage Temperature	Voltage	Current
DMG80480T050_32WTC	5.0	IPS	800*480	250nit	2GB LPDDR4 +8GB EMMC	-20 ~ 70℃	-30 ~ 80℃	12V-36V	370mA(12V)
DMG12800C070_32WTC	7.0	IPS	1280*800	300nit	2GB DDR4+8GB EMMC5.0	-10 ~ 50℃	-15 ~ 55℃	7V-36V	240mA(12V)
DMG12800C070_32WTCZ03	7.0	IPS	1280*80	300nit	2GbytesDDR4+8GbytesEMMC	-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)
DMG12800T070_32WTCZ01	7.0	IPS	1280*800	250nit	2GbytesLPDDR4+8GbytesEMMC	-20 ~ 70℃	-30 ~ 80℃	7V-36V	310mA(12V)
DMG12800T070_34WTC	7.0	IPS	1280*800	300nit	2GB DDR3+8GB EMMC5.0	-20 ~ 70℃	-30 ~ 80℃	6V-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)
DMG10600C101_32WTC	10.1	IPS	1024*600	200nit	2GB DDR4+8GB EMMC5.0	-10 ~ 60℃	-20 ~ 70℃	6V-36V	430mA(12V)
DMG10600C101_32WTCZ01	10.1	IPS	1024*600	200nit	2GbytesDDR4+8GbytesEMMC	-10 ~ 60℃	-20 ~ 70℃	8V-36V	430mA(12V)
DMG12800C101_33WTC	10.1	IPS	1280*800	300nit	2GB DDR3+8GB EMMC5.0	-10 ~ 50℃	-20 ~ 60℃	6V-36V	465mA(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)
DMG19108C156_32WTC	15.6	IPS	1920*1080	200nit	2GbytesDDR4+8GbytesEMMC	-10~60℃	-20~70℃	7V-36V	310mA(12V)





## • LINUX

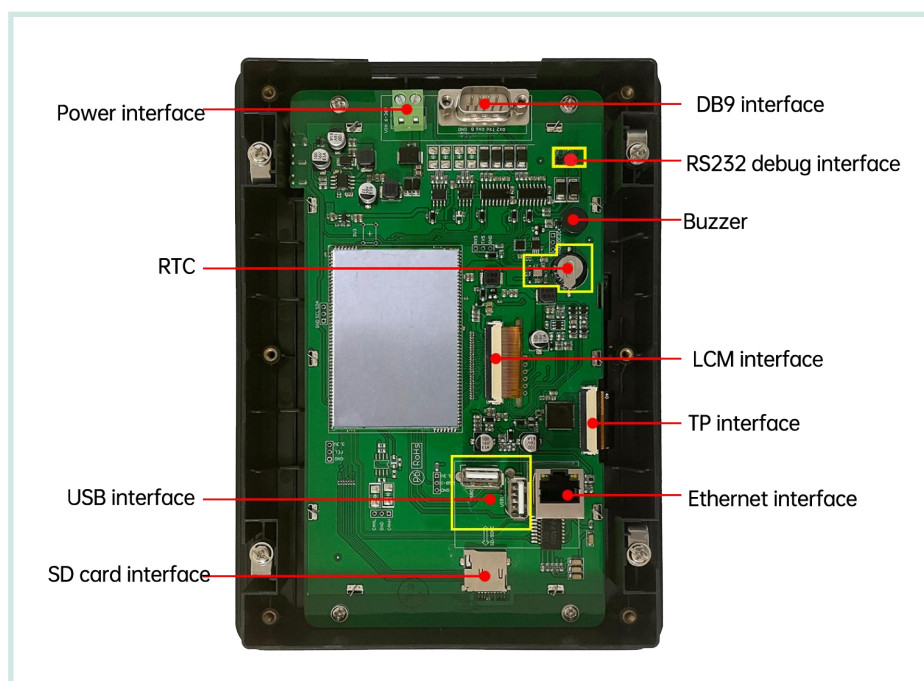
Model	Size	LCD Type	Resolution	Brightness	RAM	Flash	Working Temperature	Storage Temperature	Voltage	Current
DMT80480T050_36WTC	5.0	IPS	800*480	300nit	128MBytes DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	8V~36V	200mA(12V)
DMT80480T050_36WTR	5.0	IPS	800*480	250nit	128MBytes DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	7V~36V	270mA(12V)
DMG80480T050_40WTC	5.0	IPS	800*480	250nit	2GB LPDDR4	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	12V~36V	370mA(12V)
DMG80480T050_40WTCZOS-1 Debian 10	5.0	IPS	800*480	250nit	2GB LPDDR4	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	12V~36V	370mA(12V)
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 DDR4	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V~36V	280mA(12V)
DMG12800C070_40WTC	7.0	IPS	1280*800	300nit	2GB LPDDR4	8GB EMMC	-10 ~ 50°C	-15 ~ 55°C	7V~36V	240mA(12V)
DMG12800C070_40WTCZOS-1 Debian 10	7.0	IPS	1280*800	300nit	2GB LPDDR4	8GB EMMC	-10 ~ 50°C	-15 ~ 55°C	7V~36V	240mA(12V)
DMG12800T070_40WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	7V~36V	310mA(12V)
DMG12800T070_40WTCZOS-1 Debian 10	7.0	IPS	1280*800	250nit	2GB LPDDR4	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	7V~36V	310mA(12V)
DMT10768T080_35WTC	8.0	IPS	1024*768	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	6V~36V	340mA(12V)
DMT10768T097_35WTC	9.7	TN	1024*768	350nit	1GB DDR3	8GB EMMC	-20 ~ 65°C	-30 ~ 80°C	7V~36V	640mA(12V)
DMT10600T101_35WTC	10.1	IPS	1024*600	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V~36V	440mA(12V)
DMT12800T101_36WTC	10.1	IPS	1280*800	250nit	128MBytes DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	12V~36V	440mA(12V)
DMG10600C101_40WTC	10.1	IPS	1024*600	200nit	2GB LPDDR4	8GB EMMC	-10 ~ 60°C	-20 ~ 70°C	6V~36V	430mA(12V)
DMG10600C101_40WTCZOS-1 Debian 10	10.1	IPS	1024*600	200nit	2GB LPDDR4	8GB EMMC	-10 ~ 60°C	-20 ~ 70°C	6V~36V	430mA(12V)



DMT10600T101\_35WTC

## • HMI

Model	Size	LCD Type	Resolution	Brightness	RAM	Flash	Working Temperature	Storage Temperature	Voltage	Current
DMT80480T050_39WTC	5.0	IPS	800*480	300nit	128MBytes DDR3	8GBytes EMMC	-20 ~ 70°C	-30 ~ 80°C	8V-36V	200mA(12V)
DMT80480T050_39WTR	5.0	IPS	800*480	250nit	128MBytes DDR3	8GBytes EMMC	-20 ~ 70°C	-30 ~ 80°C	7V-36V	270mA(12V)
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)
DMT10768T097_38WTC	9.7	TN	1024*768	350nit	1GB DDR3	8GB EMMC	-20 ~ 65°C	-30 ~ 80°C	7V-36V	640mA(12V)
DMT10600T101_38WTC	10.1	IPS	1024*600	250nit	1GB DDR3	8GB EMMC	-20 ~ 70°C	-30 ~ 80°C	9V-36V	440mA(12V)
DMT12800T101_39WTC	10.1	IPS	1280*800	250nit	128MBytes DDR3	8GBytes EMMC	-20 ~ 70°C	-30 ~ 80°C	12V-36V	440mA(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
8.0	1024*768	HDW080_A5001L	HDMI	IPS
8.88	1920*480	HDW088-A5001L	HDMI	IPS
10.1	1024*600	HDW101_001L	HDMI	IPS
10.1	1024*600	HDW101_001LZ01	HDMI	IPS
10.1	1024*600	HDW101_001LZ08	HDMI	IPS
10.1	1024*600	HDW101_001LZ09	HDMI	IPS
10.1	1280*800	HDW101_004L	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
15.6	1920*1080	HDW156_002L	HDMI	IPS
18.5	1366*768	HDW185_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 brightness
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
8.0	HDW080_A5001L	1024*768	250nit	9V-36V	HDMI	IPS	With shell
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_001LZ01	1024*600	300nit	6V-36V	HDMI	IPS	Large size glass cover
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	HDW101_004L	1280*800	300nit	6V-36V	HDMI	IPS	Support CTP
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
15.6	HDW156_002L	1920*1080	250nit	15W/22V	HDMI	IPS	With shell, VGA interface, 4Pin_2.0mm Audio output interface, USB touch interface
18.5	HDW185_001L	1366*768	200nit	7V-36V	HDMI	IPS	Connect USB capacitive touch screen

Size	Model	Resolution	Brightness	Power Voltage	Interface	LCD	Remark
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

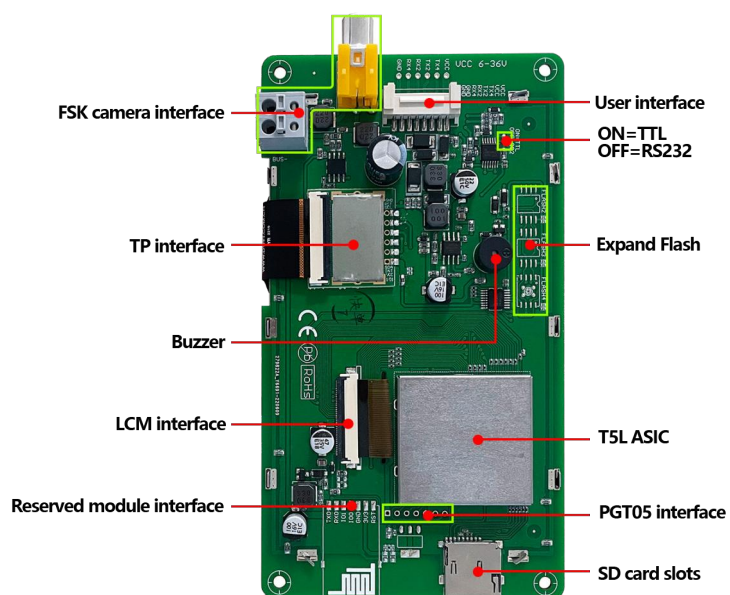
### 4.1 26 SERIES FSK VIDEO SCREEN CATALOG

- The 26 series bus video screen is an intelligent UART LCD module that uses FSK pin carrier communication with the DWIN T5L0/1/2 chip. It provides stable, long-distance digital signal input and supports video monitoring functions.
- FSK camera interface: RCA-AV socket or 2Pin\_5.08mm socket

Size	Model	Grade	LCD	Resolution	Brightness	Power Voltage	Camera	Electrical Level
4.3	DMG48270C043_26	Commercial	TN	480*272	250	6~15	FSK	TTL/232
4.3	DMG80480C043_26	Commercial	IPS	800*480	250	6~15	FSK	TTL/232
5	DMG80480C050_26	Commercial	TN	800*480	250	12~36	FSK	TTL/232
5	DMG80480T050_26	Industrial	IPS	800*480	800	12~36	FSK	TTL/232
7	DMG80480C070_26	Commercial	TN	800*480	600	12~36	FSK	TTL/232
7	DMG10600T070_26	Industrial	IPS	1024*600	250	12~36	FSK	TTL/232
8	DMG10768T080_26	Industrial	IPS	1027*768	250	12~36	FSK	TTL/232
10.1	DMG10600T101_26	Industrial	IPS	1024*600	250	12~36	FSK	TTL/232
10.4	DMG10768T104_26	Industrial	IPS	1027*768	250	12~36	FSK	TTL/232



DMG80480C050\_26WTC



- Related Cameras and driver boards.

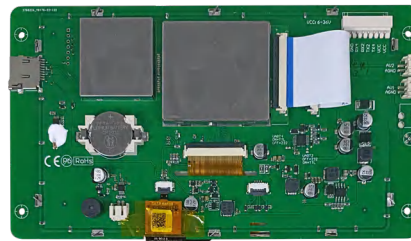
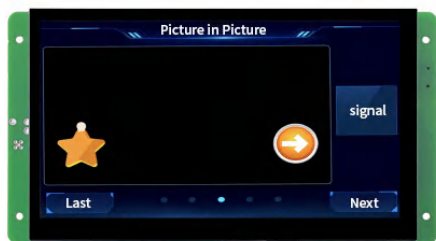
Camera	Grade	Resolution	Brightness
FDV200P01		FSK bus camera driver board	Different PIN terminal
FDV200P02		FSK bus camera driver board	
FDV200-01		Power-line carrier bus camera	No Night vision & plastic shell
FDV200-02		Power-line carrier bus camera with infrared illumination	infrared & plastic shell
FDV200-03		Power-line carrier bus camera with infrared illumination	infrared & metal shell



## 4.2 25 SERIES ANALOG VIDEO SCREEN

- Designed for security, vehicle (rear view), and industrial control systems, are based on the DWIN T5L platform.
- Support full-screen and picture-in-picture display and are available in three types: one-way analog, two-way CVBS on the same screen, and one-way AHD high-definition display.

Size	Model	Grade	LCD	Resolution	Brightness	Power Voltage	Signal	Electrical Level	Interface	Function
7.0	DMG10600C070_25WT	Commercial	IPS	1024*600	250	6~36	AHD、24bit	TTL/232*1	2Pin2.0mm*2	Single channel AHD, full screen/ picture in picture
7.0	DMG10600C070_25WT2	Commercial	IPS	1024*600	250	6~36	analog CVBS (N、P)、24bit	TTL/232*1	2Pin2.0mm*2	Single-channel CVBS, two-channel CVBS on the same screen, full screen/ picture in picture
10.1	DMG10600C101_25WT	Commercial	IPS	1024*600	250	7~36	AHD、24bit	TTL/232*1	2Pin2.0mm*2	Single channel AHD, full screen/ picture in picture
3.5	DMT80480T035_25WT	Industrial	IPS	1024*600	250	6~15	analog CVBS (N、P)、16bit	TTL/232*1	2Pin2.0mm	One Analog channel, full screen
4.3	DMT80480T043_25WT	Industrial	IPS	1024*600	250	6~15	analog CVBS (N、P)、16bit	TTL/232*1	2Pin2.0mm	One Analog channel, full screen / picture in picture
7.0	DMG80480T050_25W	Industrial	TPS	800*480	850	6~36	AHD HD analog	TTL/232*1	2Pin2.0mm*2	AHD HD analog input, two terminals, supports 1 / 2 inputs
7.0	DMT80480T070_25WT	Industrial	IPS	1024*600	250	6~36	analog CVBS (N、P)、16bit	TTL/232*1	2Pin2.0mm	One Analog channel, full screen / picture in picture
7.0	DMT10600T070_25WT	Industrial	IPS	1024*600	250	6~36	analog CVBS (N、P)、16bit	TTL/232*1	2Pin2.0mm	One Analog channel, full screen / picture in picture
7.0	DMG12800T070_25WTR	Industrial	IPS	1280*800	250	8~36	1080P AHD HD analog	TTL/232*1	2Pin2.0mm*1 2Pin2.54mm*1	1080P AHD HD analog input, two terminals, supports 1 / 2 inputs
8.0	DMG80600T080_25WT2	Industrial	IPS	1024*600	250	6~36	analog CVBS (N、P)、16bit	TTL/232*1	2Pin2.0mm*2	Single-channel CVBS, two-channel CVBS on the same screen, full screen/ picture in picture
8.0	DMT80600T080_25WT	Industrial	IPS	1024*600	250	6~36	analog CVBS (N、P)、16bit	TTL/232*1	2Pin2.0mm	One Analog channel, full screen / picture in picture

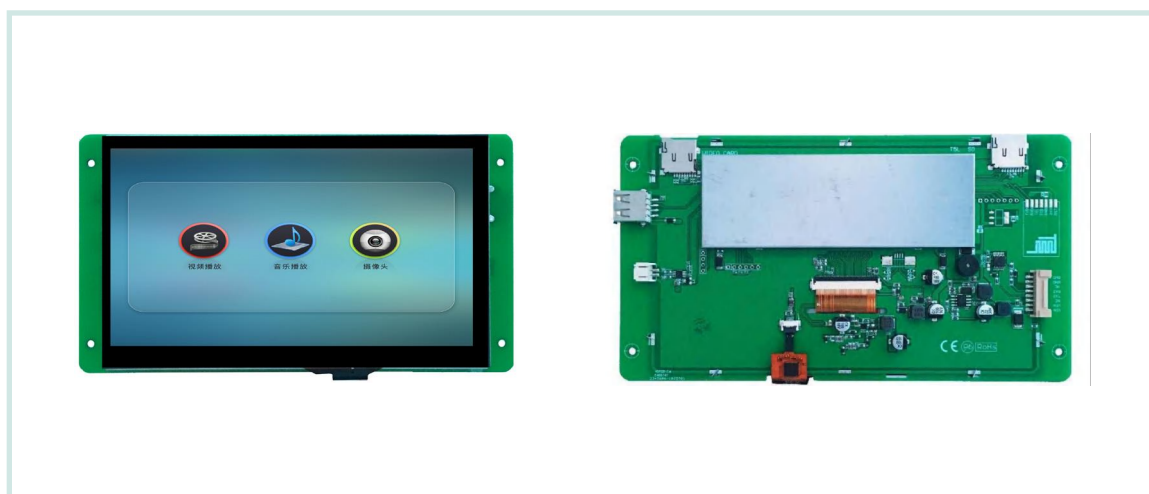


DMT80480T070\_25WTC

### 4.3 41 SERIES DIGITAL VIDEO SCREEN

- Building on the DWIN T5L platform, the 41 series digital video screens are designed for use in elevators, billboards, and beauty care industries.
- Video: USB/SD card, support format: AVI/FLV/MOV/MKV/TS/PMP/MPG/PLS/MP4/MP3, MAX. 720p.
- Audio: USB/SD card, support format: regular music format.

Size	Model	LCD	Resolution	Brightness	Power Voltage	WIFI	User Interface	Camera		
								Quantity	Signal	Interface
7.0	DMG80480T070_41WTC	TN	800*480	300	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
8.0	DMG80600T080_41WTC	TN	800*600	250	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
10.1	DMG10600T101_41WTC	IPS	1024*600	250	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
10.4	DMG80600T104_41WTC	TN	800*600	250	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
10.4	DMT10768T104_41WTC	IPS	1024*768	250	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
15.0	DMG10768T150_41WTC	EWTN	1024*768	250	12-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
7.0	DMG80480T070_41WTR	TN	800*480	300	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
8.0	DMG80600T080_41WTR	TN	800*600	250	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
10.1	DMG10600T101_41WTR	IPS	1024*600	250	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB
10.1	DMG80600T104_41WTR	TN	800*600	250	7-36V	reserved	TTL/232 8Pin2.0	1 channel	Digital	USB



DMG80480T070\_41W

## 4.4 27SERIES ANALOG VIDEO SCREEN

- Powered by the T5L main control chip and the R11+N5 video decoding module, offer remarkable video performance. They are capable of handling 1080P ultra-high-definition cameras.
- Supports Single 1080P Display, dual 720P Display.
- The camera constantly transmits live video data -- the N5 module recognizes the camera's YUV data (color encoding method) -- the R11 module converts YUV data into JPG format --the JPG image is then sent to the T5L main controller for display.

Size	Model	LCD	Resolution	Brightness	Power Voltage	Speaker	User Interface	Camera		
								Quantity	Signal	Interface
7.0	DMG12800T070_27W	IPS	1280*800	250	8-36V	reserved	TTL/232 8Pin2.0	Single 1080P Display, dual 720P Display	Analog	Interface Horizontal 2pin_ 2.0mm * 1 and vertical 2Pin_ 2.54mm* 1



DMG12800T070\_27WTC

## 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
TC041C12 U/W 00	4.1inch	IPS	720*720	T5L1	Wire Controller	485	4Pin_2.0mm	6.5-36.5V	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
TC48480C040_06WTC	4inch	IPS	480*480	T5L0	COF Screen	TTL/485	40Pin 0.5mm FPC	4.5-5.5V	Without Shell



TC040C11 U/W 04



TC48480C040-06WTC

## 6 .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 and BOE.

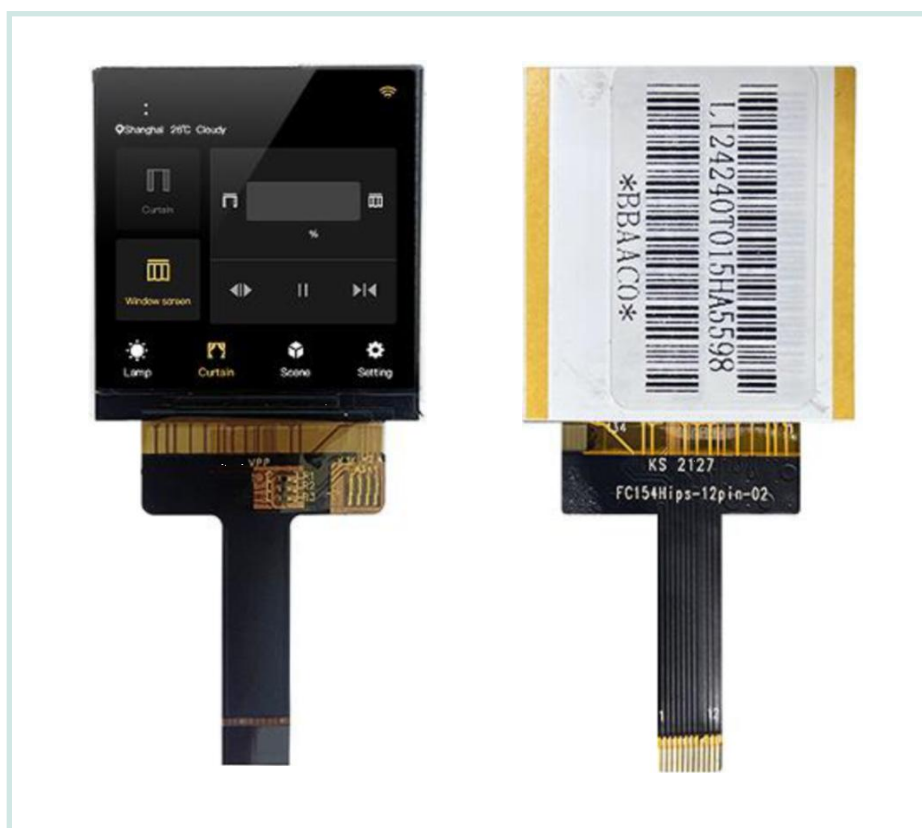
Customized service: luminance, high temperature, anti-glare, interface, cable length and cable shape etc.

Provide free technical support.

### 6.1 LCD PANEL

Size	Model NO.	LCD Type	Resolution	LCD Interface	Luminance cd/m <sup>2</sup>	Active Area(mm)	LCD Outline(mm)	FPC length(mm)	FPC thickness(mm)	Voltage for LED	Driver IC
1.3	LI24240C013HA2098	IPS	240*240	RGB 18bit 40PIN_0.5mm	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_0.5mm	550	27.72×27.72	33.72×31.52×1.77	33.0±0.3	0.3±0.03	3.2V	ST7789V2
1.6	LI40400T016BA2598	IPS	400*400	QSPI 16PIN_0.5mm	250	39.84×39.84	42.94×45.87×2.11	64.53±0.5	0.3±0.03	9V	ST77903
2	LI24320T020SA3598	IPS	240*320	RGB 18bit 40PIN_0.5mm	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 24bit 40PIN_0.5mm	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 18bit 40PIN_0.5mm	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 18bit 40PIN_0.5mm	350	43.2×57.6	50×69.2×2.3	25.51	0.3±0.05	12.8V	ST7789
	LI48480T028BA3098	IPS	480x480	RGB 24bit 40PIN_0.5mm	300	70.13×70.13	73.03×76.48×2.3	28±0.5	0.3±0.03	12V	ST7701S
3.5	LI48320T035IB3098	IPS	320*480	RGB 24bit 40PIN_0.5mm	300	48.96×73.44	54.5×83.0×2.1	27.1±0.5	0.3±0.03	9.3V	ST7796-G4
4	LI48480T040HA3098	IPS	480*480	RGB 24bit 50PIN_0.5mm	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_0.5mm	350	73.98×73.98	77.98×82×2.13	18.05±0.5	0.3±0.03	9.8V	ILI2882N
4.3	LN48272T043IB3598	TN	480*272	RGB 24bit 40PIN_0.5mm	300	95.04×53.85	105.4×67.1×2.95	46.13±0.5	0.3±0.03	12V	NV3047
	LI48800T043TD3098	IPS	480*800	RGB 24bit 40PIN_0.5mm	300	56.16×93.6	60.86×102.57×2.7	35.43	0.3±0.03	15V	ST7701S
	LI48800T043TC3098	IPS	480*800	RGB 24bit 40PIN_0.5mm	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 24bit 40PIN_0.5mm	900	108.0×64.8	120.7×75.8×3.0	48.91±1.0	0.3	12V	ST7262-G4-1-H
	LN80480T050IA4098	TN	800*480	RGB 24bit 40PIN_0.5mm	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 24bit 40PIN_0.5mm	900	108.0×64.8	120.7×75.8×3.0	49.26	0.3	12V	ILI6122+ILI5960
	LI12720T050TA3098	IPS	720*1280	MIPI 40PIN_0.5mm	300	62.1×110.4	66.10×118.30×1.61	22.5±0.5	0.3±0.03	9.6V	ILI9881H
7	LN80480T070IA3098	TN	800*480	RGB 24bit 50PIN_0.5mm	300	154.08×85.92	165×100×5.7	45.15±0.5	-	9V	ILI5960/ EK73002AB2 +ILI6122/ILI6137A-00T004/ EK9713CA
	LN80480T070IA9098	TN	800*480	RGB 24bit 50PIN_0.5mm	900	154.08×85.92	164.9×100×5.6	65.5	0.3±0.03	9V	ILI6122/ILI5960 or EK9713/EK73002

Size	Model NO.	LCD Type	Resolution	LCD Interface	Luminance cd/m <sup>2</sup>	Active Area(mm)	LCD Outline(mm)	FPC length(mm)	FPC thickness(mm)	Voltage for LED	Driver IC
7	LN80480T070IB3098	TN	800*480	RGB_24bit 50PIN_0.5mm	300	154.08×85.92	165×100×3.3	80.5	0.3±0.03	9V	EK79713BCGB/ EK73202ACGB
	LN80480T070IC3098	TN	800*480	RGB_24bit 50PIN_0.5mm	300	154.08×85.92	165×100×3.5	46.3	0.3±0.03	9V	ILI6137A+ILI5960
	LI10600T070IA3098	IPS	1024*600	RGB_24bit 50PIN_0.5mm	300	154.2144×85.92	165×100×3.5	45.74±0.5	-	9.3V	HX8282- A11DPD300 +HX8696- A01APD300/ EK79001HK + EK73215BCGA
	LI10600T070IA7098	IPS	1024*600	RGB_24bit 50PIN_0.5mm	700	154.21x85.92	164.9×100.0×2.8	45.03±0.5	-	9.3V	HX8696- A01APD300/
8	LN80600T080IA4098	TN	800*600	RGB_24bit 50PIN_0.5mm	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_0.5mm	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_24bit 50PIN_0.5mm	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_24bit 50PIN_0.5mm	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_24bit 60PIN_0.5mm	450	158.4×211.2	228.5×175.5×5.9	45±0.5	-	9.6V	HX8677/HX8264



LI24240T015HA5598

## 6.2 LCD PANEL WITH TOUCH PANEL

Size	Model No.	TP Model No	TP IC	Touch Type
1.3	LI24240C013HA2098-TCF	MC013F-125-CTP-B1(COF)	GT911	Capacitive
2	LI24320T020SA3598-TR	YF02002	-	Resistive
	LI24320T020SA3598-TC	TPC020T0001G01V1(COF)	GT911	Capacitive
2.1	LI48480T021BA4098-TCF	TPC021C0001FS01V2(COF)	GT911	Capacitive
2.4	LN32240T024SA3098-TR	HR4 9732 2.4	-	Resistive
	LN32240T024SA3098-TC	TP024Z0001A(COF)	GT911	Capacitive
2.8	LN32240T028SA3598-TR	HR4 9756 2.8 A1	-	Resistive
	LN32240T028SA3598-TC	TP028Z0002A(COF)	GT911	Capacitive
	LI48480T028BA3098-TCF	TPC028C0008F01V1(COF)	GT911	Capacitive
3.5	LI48320T035IB3098-TR	HR4 9707 3.5	-	Resistive
	LI48320T035IB3098-TC	CDG10455-3.5-A0-HLT(COF)	GT911	Capacitive
4	LI48480T040HA3098-TR	HR4 9986 4.0	-	Resistive
	LI48480T040HA3098-TCF	TP040Z0003A(COF)	GT911	Capacitive
4.3	LN48272T043IB3598-TR	YF04329	-	Resistive
	LN48272T043IB3598-TCF	TPC043T0023G01V1(COF)	GT911	Capacitive
	LI48800T043TD3098-TCF	TPC043Z0002G01V4(COF)	GT911	Capacitive
	LI48800T043TC3098-TR	YF04303	-	Resistive
5	LI80480C050HA9098-TR	YF05025	-	Resistive
	LN80480T050IA4098-TR	YF05008	-	Resistive
	LN80480T050IA4098-TCF	GME0831B(COF)	GT911	Capacitive
	LN80480T050IA9098-TR	YF05007	-	Resistive
7	LN80480T070IA3098-TR	YF07002	-	Resistive
	LN80480T070IA9098-TR	YF07045	-	Resistive
	LN80480T070IA9098-TCF	TPC070T0050G01V1(COF)	GT911	Capacitive
	LN80480T070IB3098-TR	YF07002	-	Resistive
	LN80480T070IB3098-TCF	TPC070T0050G01V1(COF)	GT911	Capacitive

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



Size	Model No.	TP Model No	TP IC	Touch Type
7	LN80480T070IC3098-TR	YF07002	-	Resistive
	LN80480T070IC3098-TCF	TPC070T0050G01V1(COF)	GT911	Capacitive
	LI10600T070IA3098-TR	YF07002	-	Resistive
	LI10600T070IA3098-TCF	TPC070T0050G01V1(COF)	GT911	Capacitive
	LI10600T070IA7098-TCF	TPC070T0050G01V1(COF)	GT911	Capacitive
8	LN80600T080IA4098-TCF	TPC080Z0009G01V1(COF)	GT911	Capacitive
	LI10768T080IA3098-TR	HR48537-8.0 /1HRS0912972B / YF08001	-	Resistive
	LI10768T080IA3098-TCF	TPC080Z0009G01V1(COF)	GT911	Capacitive
	LN80600T080IA9098-TR	HR49555-8.0/YF08006	-	Resistive
	LN80600T080IA9098-TCF	TPC080Z0009G01V1(COF)	GT911	Capacitive
10.1	LI10600T101IC2598-TR	YF10105	-	Resistive
10.4	LN80600T104IA4598-TR	HR4 8545 10.4	-	Resistive
	LN80600T104IA4598-TCF	TPC104T0008G01V1(COF)	GT9110	Capacitive



LN80480T070IA3098

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

## 6.3 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.

## 7 .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	45W	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>

## 8 .INDUSTRY SOLUTION

### 8.1 2K HIGH RESOLUTION DGUS LCD MODULE

Come with a resolution of 1920\*1080, based on the T5L2 chip driver architecture



\*standard products without FSK and speaker, reserved interfaces ONLY

#### Features

The core drive circuit is based on three T5L2 chips, simplifying hardware and improving product stability.

The new product is structurally compatible with the old product of the same size, making it easy to replace and upgrade.

FSK bus camera and speaker interfaces can be customized, enabling users to quickly achieve multimedia functions without coding.

The standard product has 32MBytes Flash and a memory expansion bit, expandable up to 48MBytes+512Mbytes, providing ample storage for video files.

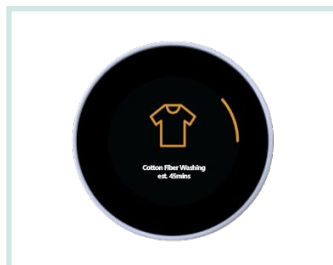
Model No.	Size	Resolution
DMG19108C116_05W	11.6	1920*1080
DMG19108C133_05W	13.3	
DMG19108C140_05W	14.0	
DMG19108C156_05W	15.6	
DMG19108C173_05W	17.3	
DMG19108C185_05W	18.5	
DMG19108C215_05W	21.5	

## 8.2 ROUND UART LCD MODULE

DWIN circular smart UART screens include COF UART LCD module, rotary encoders LCD screen, and COB structure UART LCD module, which are widely used in the home appliance industry.



DMG24240C015\_13WN



DMG24240C013\_13WN



DMG24240C013\_03WTC



DMG48480C021\_03WTC

### DWIN offers several advantages:

- The DGUS development platform supports circular UI design, eliminating the need to address pixel aliasing issues around the circular edge when uploading circular UI picture.
- DWIN Hunan Science and Technology Park is equipped with an automatic laser cover glass cutting production line that can efficiently cut all types of circular cover plates, making it easy to match circular touch screens and ensuring price competitiveness.
- The COF structure smart screen is produced by DWIN's automatic LCD module production line, which has fewer turnover processes and high production efficiency, making it well-suited for large-scale application requirements.



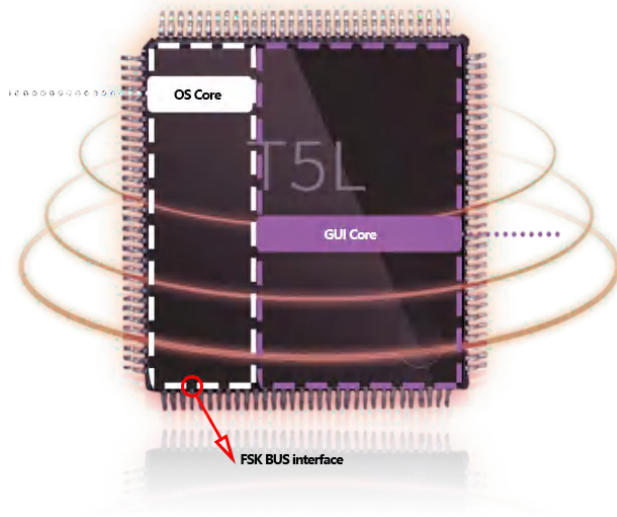
DMG48480C028\_03WTC



DMG48480F021\_01WN

## 8.3 FSK HIGH SPEED BUS SOLUTION

DWIN's high-speed bus solution integrates the FSK interface into the new generation T5L ASIC, providing real-time interaction for multi-display terminals, on-site language, and picture scenarios.



### 1 T5L single IC solution

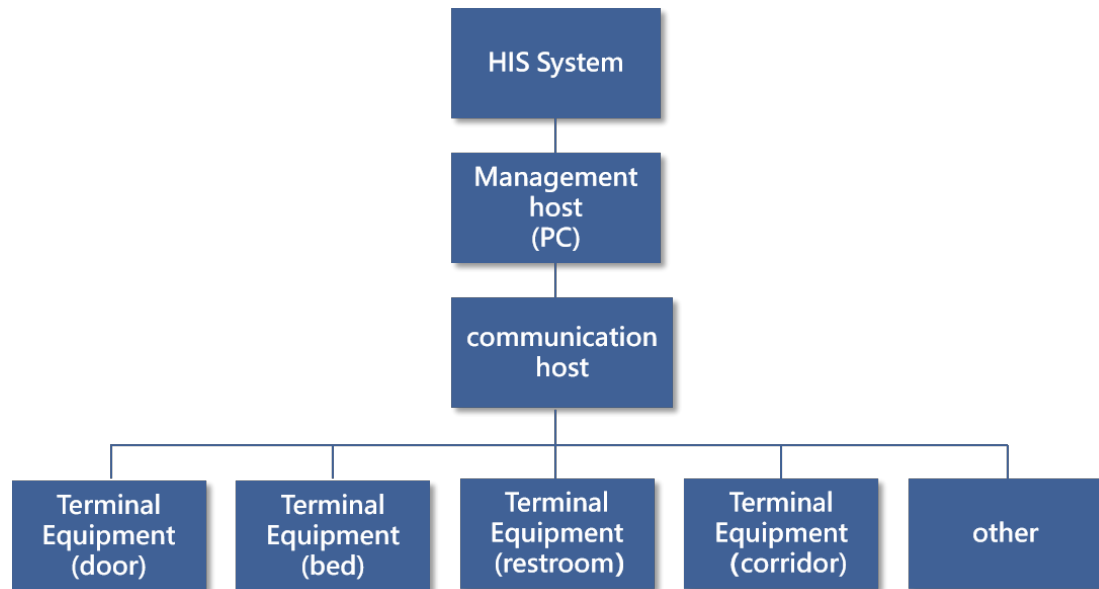
- A simple double-panel design, which helps to lower equipment costs.
- The T5L IC runs at high speed and is equipped with cost-effective software howling suppression capabilities.
- The FSK modulation mode, along with the FEC error correction and retransmission mechanism function, ensures efficient and reliable communication.

### 2 Overall solution

- Utilizes 2MHz square wave modulation for easy DC power carrier communication and convenient two-wire wiring.
- It supports a maximum of 256 devices on a single communication host bus, making it suitable for large-scale applications.
- The terminal and PC use the RMA memory interaction method, enabling convenient secondary development.

DWIN circular smart UART screens include COF UART LCD module, rotary encoders LCD screen, and COB structure UART LCD module, which are widely used in the home appliance industry.

### Medical Intercom System



#### 1 Advantages

- High-quality communication: FSK communication frequency of up to 300KHZ for quick response, high sound quality, and stable communication distance of 200 meters for single branch nodes.
- Simple installation: supports both two-wire and four-wire systems for easy installation.
- High cost-effectiveness: the underlying communication development is already completed, and one host supports up to 128 devices with high integration.

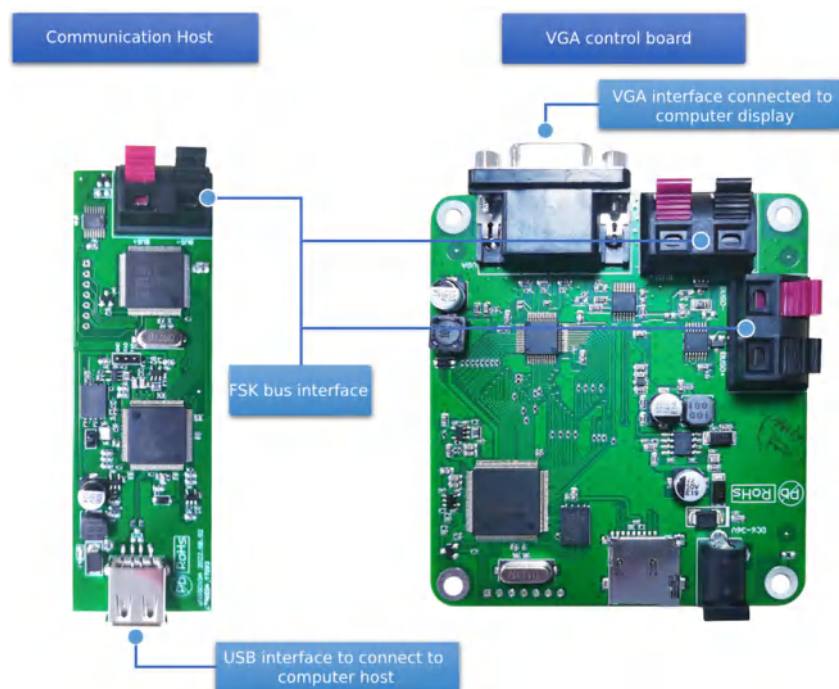
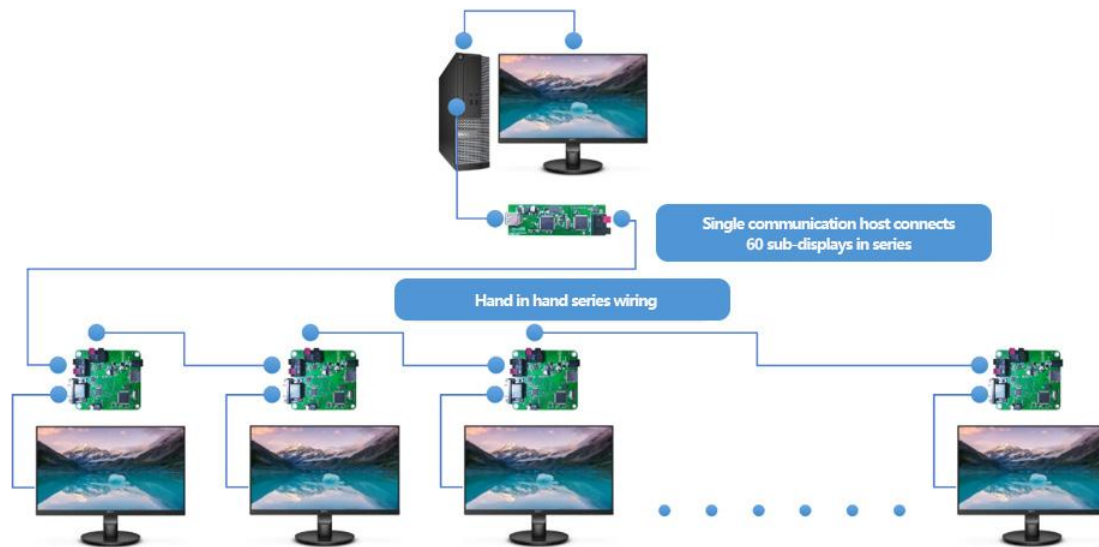
#### 2 Cooperation Method

- Chip + LCD + TP: customers can design their own systems based on the T5L chip, as DWIN has an open interface.
- ODM service: DWIN provides complete hardware customization services according to customer needs.

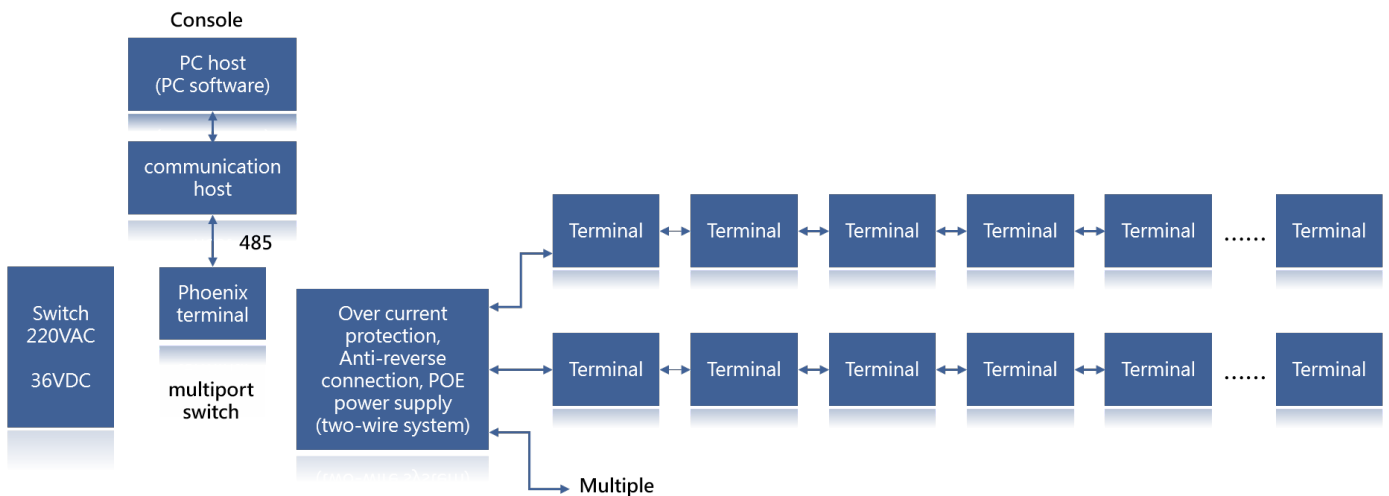


## Bus Display Solution

DWIN's smart meeting room video projection solution is built on the T5L FSK bus application solution. It utilizes a twisted pair power supply carrier hand in hand method to project the host display screen onto multiple display devices (monitors, TVs) in real-time. The solution supports a maximum resolution of 1920\*1080 at 24 frames per second.



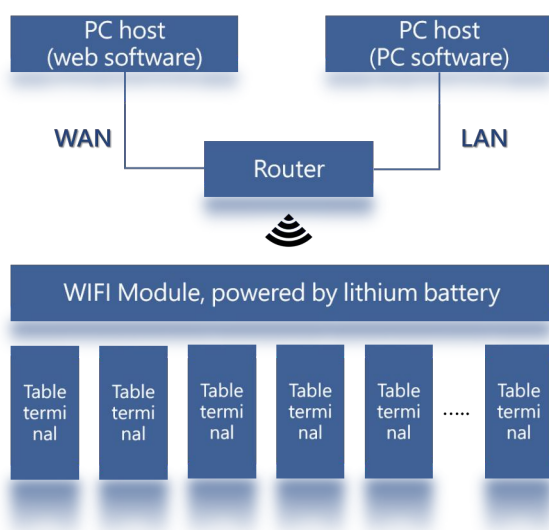
## Wired Electronic Table Cards



The system consists of a PC-side host computer, a communication host, a multi-port switch (2-8 ports), and a display terminal. It utilizes a FSK four-wire system, connecting through a network cable with two wires for power supply and two wires for communication. The dual-screen different display solution enables various functions such as nameplate display, meeting sign-in, voting, and call service.

Users have the flexibility to choose from 7inch, 8.8inch, and 10.1inch display terminals, and DWIN provided system management software can be readily utilized by users.

## Wireless Electronic Table Cards

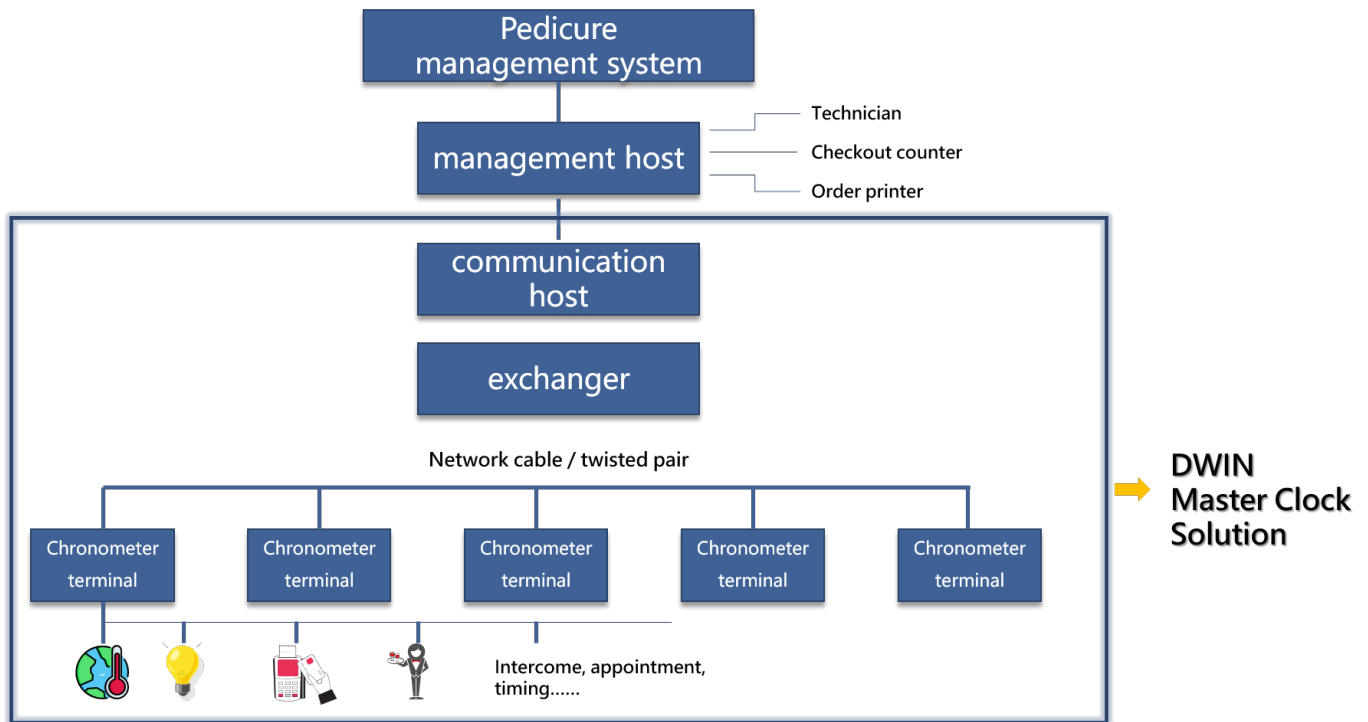


Leveraging the high-speed transmission capabilities of the ESP32 Wi-Fi module, our system enables local area network control of all terminal devices. It supports one-to-many remote centralized control management and real-time online editing.

Battery-powered for wire-free operation with over 8 hours of power supply time.

Complete functionality includes sign-in, voting, call service, and more.

Optional display terminals in 7inch, 8.8inch, and 10.1inch sizes.



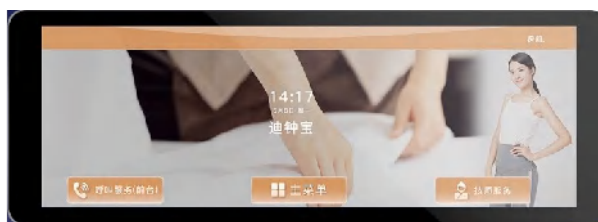
- 1 DWIN master clock system consists of a management host, communication host, clock terminal, and switch.
- 2 It utilizes DWIN T5L ASIC, supports 485 network cable and twisted pair communication, and offers features like temperature control, light control, wireless calling, and IC card swiping.

### Model Number:

LCD Size	Resolution	Feature
4	480*480	Standard 86 box installation
7	1024*600	Cost-effective
8.8	1920*480	High-end application

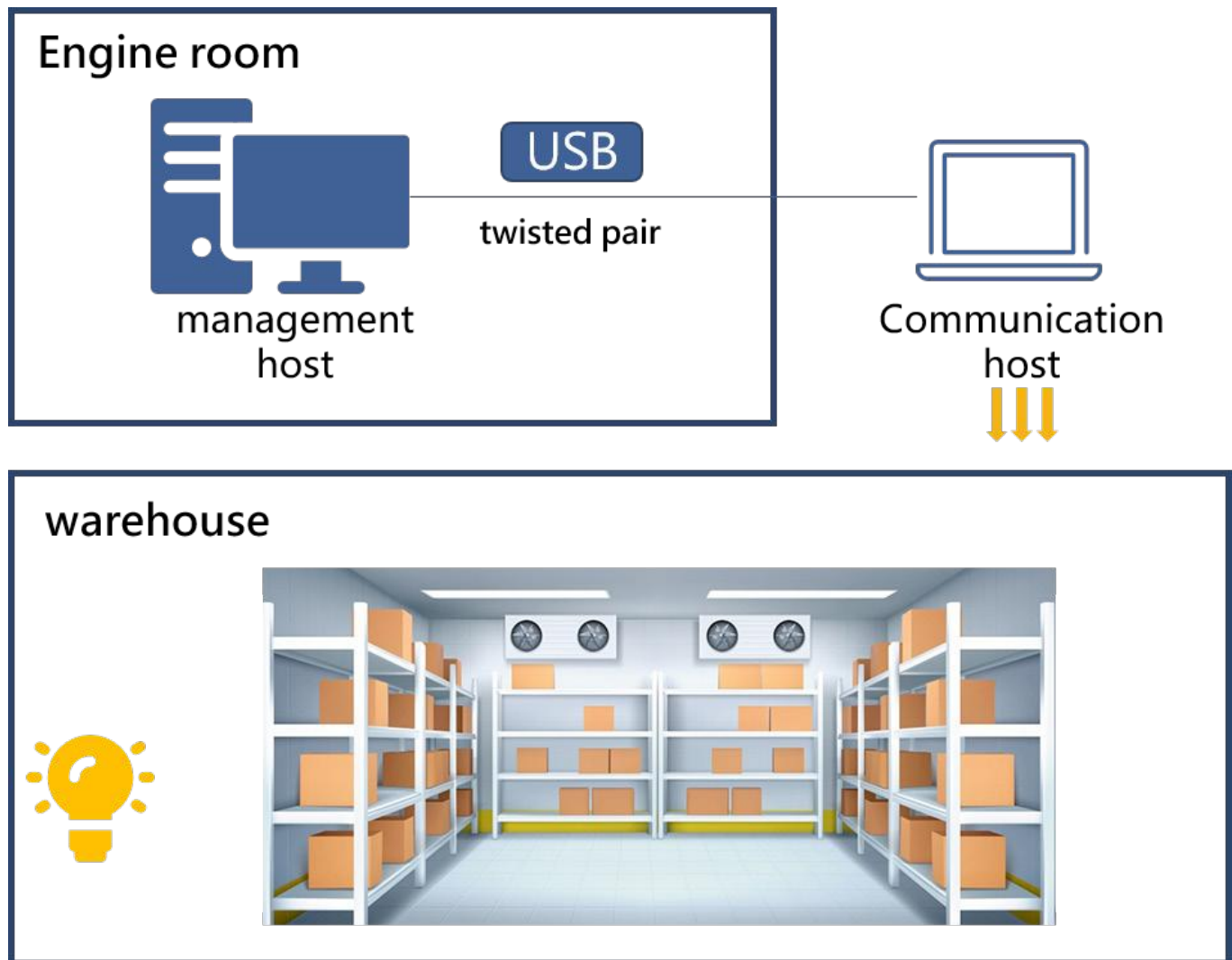


4'



8.8'

The DWIN intelligent warehousing system utilizes a central computer as the management host, while employing multiple sets of electronic labels installed on the storage positions of goods as lower computers. Through this system, electronic label information such as orders, product names, batch numbers, and quantities on the shelves is efficiently managed and monitored in the computer room.



### Function

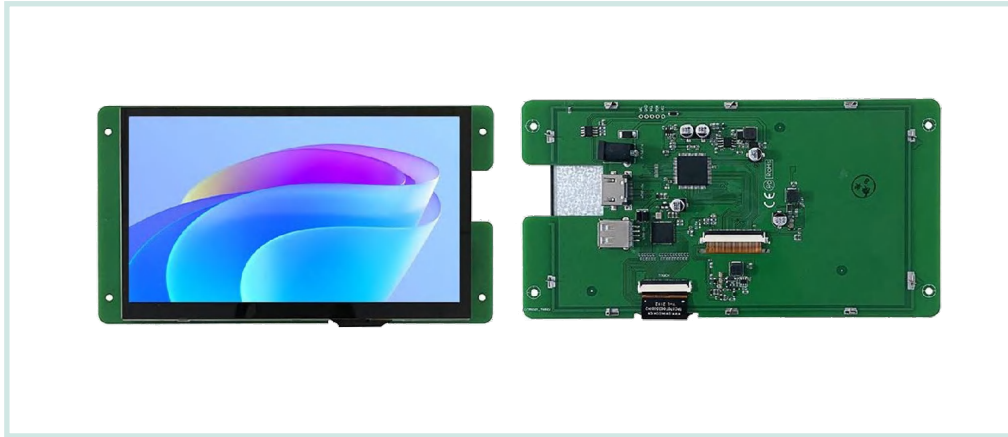
- 1 Equipment management
- 2 Job monitoring
- 3 Fault detection
- 4 Picking historical data management

### Features

- 1 Unified power supply
- 2 Large quantity
- 3 Low cost
- 4 Small delay
- 5 Fast development
- 6 Color screen

## 8.4 LCD MODULE WITH HDMI INTERFACE

DWIN's high-speed bus solution integrates the FSK interface into the new generation T5L ASIC, providing real-time interaction for multi-display terminals, on-site language, and picture scenarios.



Enable high-speed transmission of uncompressed high-resolution video and multi-channel digital audio data. Facilitate "plug and play" functionality, where the signal source and display device automatically negotiate to select the optimal video and audio format.

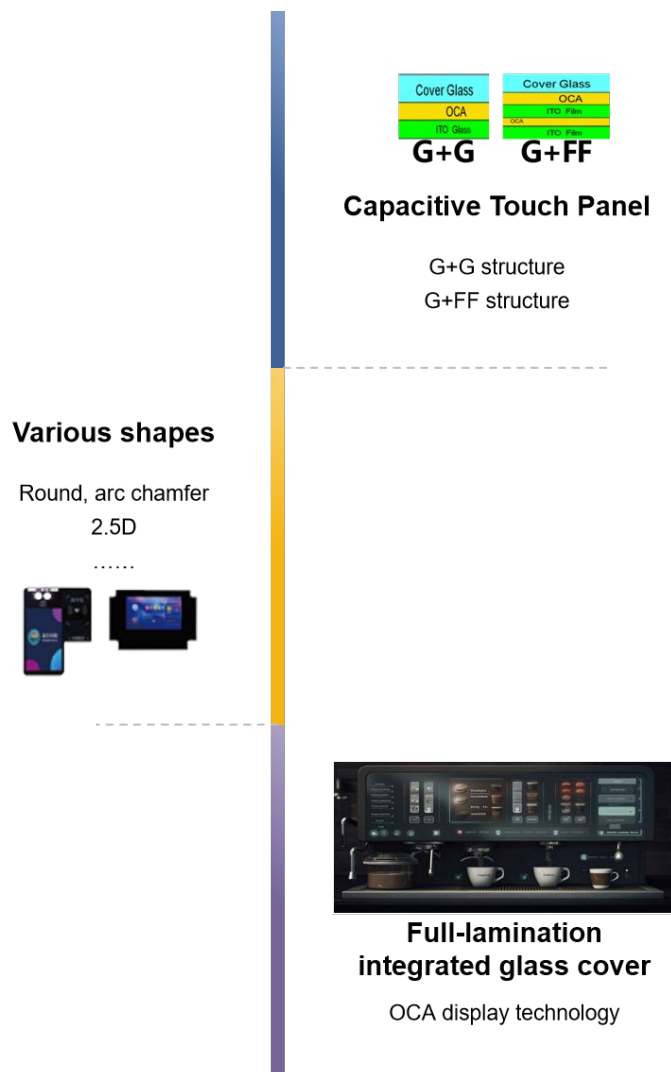
Replace complex cables with a single-wire connector that is independent of length. Compatible with various operating systems including Linux, Android, and Windows, including Raspberry Pi.

## 8.5 DWIN TOUCH PANEL AND CUSTOMIZATION

With a significant investment of CNY 110 million, DWIN has established an advanced cover glass laser production line within its industrial park. This state-of-the-art facility enables the provision of integrated glass cover designs that offer reliable anti-interference, anti-glare, and anti-UV properties. Customers can also choose from various logo silk screen printing designs.

The entire production process, from glass cover plate manufacturing to ink coloring, and cutting and bonding of capacitive/resistive touch screens (frame bonding/full bonding), takes place in DWIN's Science and Technology Park. By eliminating unnecessary transfer links, this streamlined approach enhances yield and efficiency.

The monthly production capacity for RTP is 500,000 pieces, CTP is 1 million pieces, and cover glass is 2 million pieces.



## Surface Acoustic Wave Touch Screen



### Superior Touch Experience

The surface acoustic wave touch screen utilizes ultrasonic positioning technology for precise touch sensing, ensuring an exceptional touch experience. It also offers excellent resistance to electromagnetic interference, ensuring uninterrupted performance.

### Durable and Clear Glass Options

Choose from a range of glass options, including 4mm to 10mm physical tempered glass or specialized glass. These options provide superior durability, with features such as anti-riot, corrosion resistance, scratch resistance, and 98% high light transmittance.

### High-Density Touch Point Distribution

With a high-density touch point distribution, the touch screen boasts over 10,000 touch points per square inch. This ensures accurate touch detection without any drift, and the automatic correction feature further enhances precision.

### Versatile Touch Input Options

The touch screen supports finger, soft pen, and glove touch input, offering versatility for different user preferences and scenarios. It can handle high-intensity and high-frequency touch requirements with ease.

### Customizable Sizes

Enjoy the flexibility of customization with touch screens available in various sizes, ranging from 21.5 to 100 inches. Tailor-made solutions cater to specific needs and ensure a seamless integration into different applications.



## 8.6 MEDICAL-GRADE SWITCH POWER SOLUTION

DWIN's Medical-Grade Power Solutions: reliable and versatile AC/DC modules and adapters for industrial automation, medical equipment, and more. Trust DWIN for high-quality power.



power module



desktop power adapter






Wall Mount Power Adapter

The wall-mounted power adapter supports British, Australian, European, American, and Chinese conversion plugs



## 8.7 DWIN LCD MODULE WITH OS SYSTEM

Type	Picture	description
Android		<p>Powerful Chip Solutions: Harness the capabilities of Rockchip RK3288 and RK3566 chip solutions to ensure high performance and efficiency in your applications.</p> <p>Advanced System Compatibility: Our devices support Android 8.1 or 11 systems, providing flexibility and compatibility for a seamless user experience.</p> <p>Comprehensive Connectivity: Equipped with a range of connectivity options, including reserved 4G module, WIFI, Bluetooth, HDMI, MIPI, network port, and 485/232 interfaces, our devices offer versatile connectivity for various needs..</p>
Linux		<p>Cutting-Edge Chip Solutions: Benefit from the powerful capabilities of Rockchip RK3566, and Allwinner A40I and T113-S3 chip solutions, ensuring optimal performance for your applications.</p> <p>Enhanced Kernel Versions: Our devices run on the latest kernel versions, including Linux 4.19, 3.1 and 5.4, providing a stable and secure foundation for your software development.</p> <p>Seamless QT Integration: Experience seamless compatibility with the popular QT framework with support for versions 5.12 and 5.9, enabling you to leverage its advanced features and tools for your projects.</p>
HMI		<p>Powerful Chip Solutions: Benefit from the cutting-edge Allwinner A40I and T113-S3 chip solutions, delivering exceptional performance and efficiency.</p> <p>Intuitive Configuration Software: DWIN user-friendly PC-side software, built on LINUX, enables seamless integration of functions like PLC, modbus communication, data display, event registration, alarms, and more, without the need for programming. Customize and optimize your system effortlessly.</p>

## 8.8 VIDEO LCD MODULE

### FSK BUS display solution

3 related FSK camera options;  
Main product in video LCD module



### Analog video solution

One channel analog CVBS (N-system, P-system);  
One channel analog AHD 720p;  
Two channels analog CVBS(N-system, P-system)

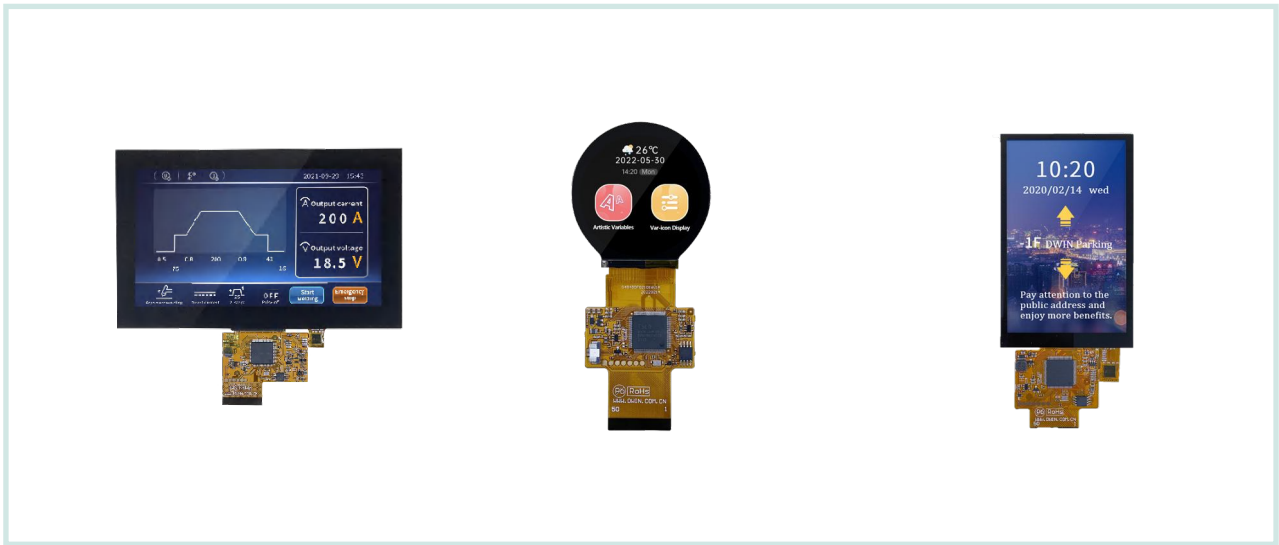


### Digital video solution

Seamlessly develop projects by DGUS with zero coding required;  
Enjoy maximum support for 720P video playback;  
Experience versatile audio and video playback in various formats, including support for USB digital cameras



## 8.9 DWIN COF LCD MODULE

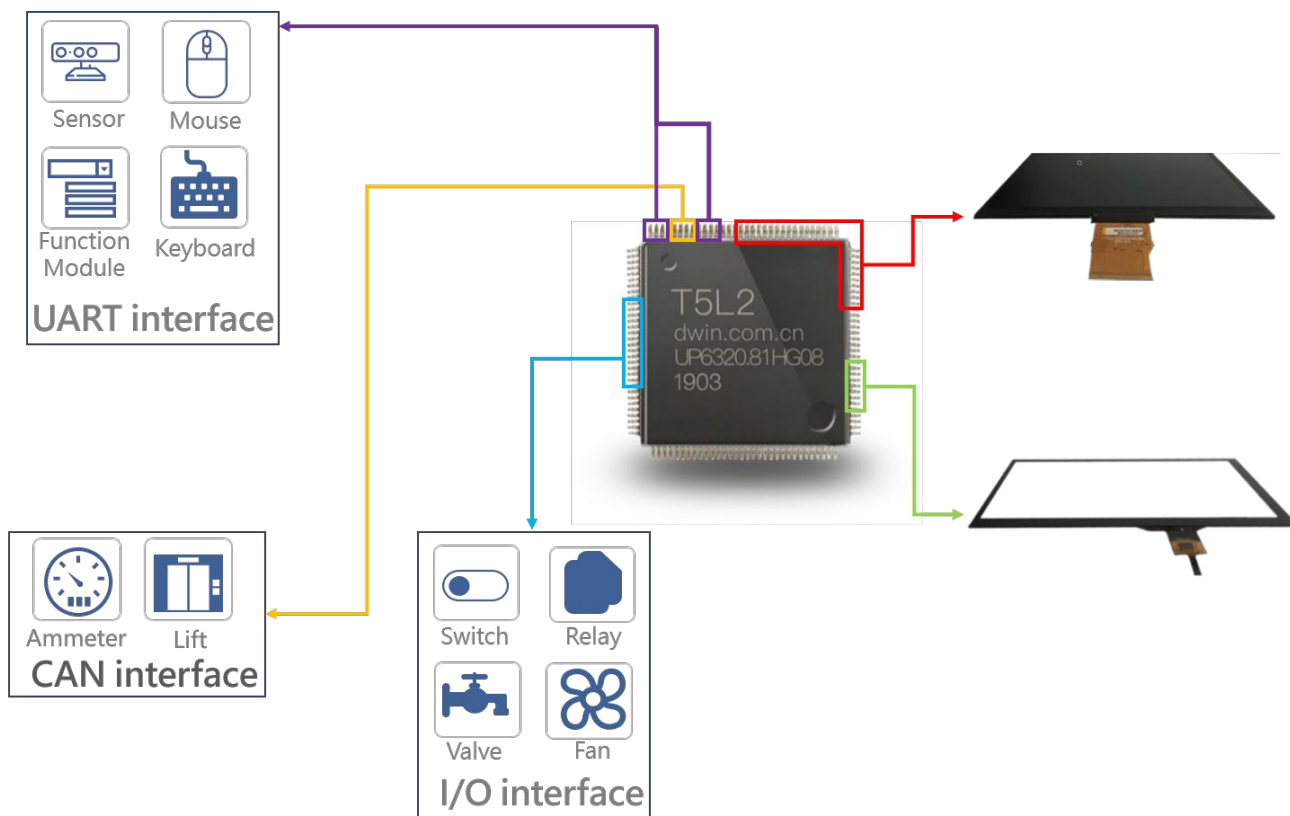


- COF structure for a sleek, lightweight design with simplified production
- Unlock endless possibilities with UI customization using the DUGS platform's zero-code rapid development
- Seamlessly integrate with your main control development through convenient wiring options and support for various interfaces like IO, UART, CAN, AD, PWM etc..
- Unlock endless possibilities with UI customization using the DUGS platform's zero-code rapid development

## 8.10 "ASIC+SCREEN" SOLUTION


### ASIC+SCREEN

T5L chip + LCM (liquid crystal screen) / TP (touch screen), combined with the HMI application terminal solution



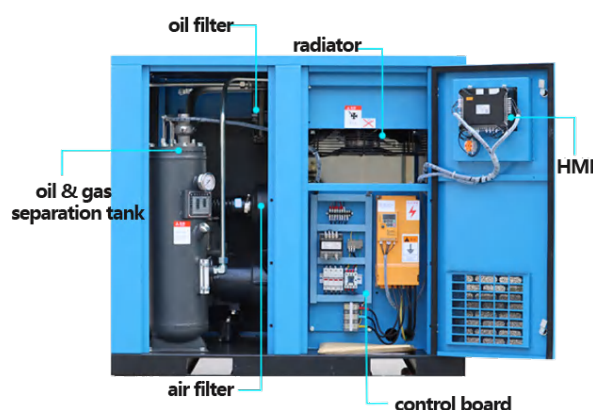
IC+screen+LCD interface	Power-on the TFT LCD instantly
IC+screen+I/O interface	Control external hardware with ease using this device, including switching LED lights on and off.
IC+screen+FSK interface	Achieve FSK communication effortlessly, enabling bus display solutions and bus LAN communication.
IC+screen+PWM interface	Voltage regulation can be realized, and external motor can realize speed regulation
IC+screen+ADC interface	Seamless analog-to-digital conversion: effortlessly display and interpret sensor data
IC+screen+CAN interface	CAN communication
IC+screen+UART interface	Serial communication

## 8.11 THERMOSTAT SOLUTION

<p>Thermostat</p> 	<p><b>Thermostat for Entry-Level Applications (Without 485 Interface):</b> Specifically designed for central air-conditioning fan coils, floor heating, and other strong current control applications. Provides essential functionality including linkage control and relay control, utilizing a 220V power supply. Does not include a reserved 485 communication interface for external device integration.</p> <p><b>485 Interface Thermostat with Reserved Communication Interface:</b> Designed for central air-conditioning fan coil strong current control applications. Includes a reserved 485 communication interface in addition to standard functionality. Suitable for integrating with other systems or devices.</p>
<p>Wire Controller</p> 	<p><b>Wire Controller for Diverse Applications:</b> Specifically designed to meet the control requirements of various industries, including heat pumps, central air-conditioning, and more. Equipped with a 485 communication port and supports the standard Modbus protocol for seamless integration. Offers a wide-voltage power supply for flexible compatibility.</p> <p><b>Effortless Installation with Innovative Design:</b> DWIN's new wire controller features a specially designed structure. Built-in mounting plate ensures easy and hassle-free installation in various application scenarios.</p>
<p>Fresh Air Units</p> 	<p><b>Optimal Control for Fresh Air Units:</b> Specifically designed for controlling fresh air units, providing efficient and reliable operation. Powered by a 220V power supply for seamless integration into existing systems. Features two-way PWM speed regulation and three-way relays for precise control of EC, DC, or AC fans and strong current-controlled dampers.</p>

## 8.12 AIR COMPRESSOR SOLUTION

At present, DWIN cooperates with CUMALEAD to launch an integrated air compressor control machine in terms of air compressor products. CUMALEAD provides a frequency conversion control integrated machine, DWIN provides customized air compressor HMI and overall sales



Product	Serial Number	Option	Model
7.5KW All in one	17559	ODM	AP600AT7.5F-4.3
11KW All in one			AP600AT11F-4.3
15KW All in one	17560	ODM	AP600AT15F-4.3
22KW All in one	17561	ODM	AP600AT22F-4.3
37KW All in one			AP600AT37F-4.3

The above all-in-one machines are equipped with a 4.3-inch resistive touch screen with a shell, the specific model is DMG48270C043-03WTRZ37.





Ultrasound knife



Oven



Water boiler



Fire-alarm



Exhaust gas detector



Wall mounted boiler



High speed blender



Tea Maker



Pesticide detector



Visible walky-talk system



Packaging Machinery



Vending machine



Smart electric meter



Oxygenator



Ice Machine



3D printer



Excavator



Crystal injector



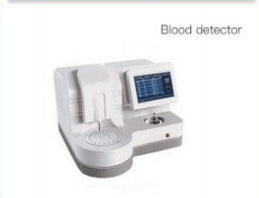
Washing machine



Medical analyzer



Bus POS



Blood detector



Food tester



Water heater



Heat pump



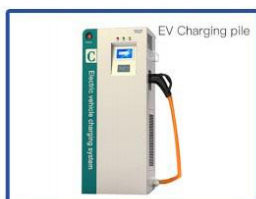
Electronic balance



Money counter



Subway turnstiles



EV Charging pile



Cooking machine



ALIBABA STORE



ALIEXPRESS



DIRECT INDUSTRY



MADE-IN-CHINA



## DWIN Technology

Website: [www.dwin-global.com](http://www.dwin-global.com)

Hotline: +86 400 018 9008

Email: [dwinhmi@dwin.com.cn](mailto: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