



DWIN TECHNOLOGIES



DWIN PRODUCT CATALOG

PROFESSIONAL, CREDITABLE, SUCCESSFUL

Overview



DWIN Technology, established in 2003, is a high-tech enterprise dedicated to HMI products and solutions.

DWIN, leveraging its solid foundation in IC design, has focused on innovative research and development of smart screen applications and has successfully achieved a high degree of integration across the entire industry chain.

DWIN's headquarters is located in Beijing's Zhongguancun. The company includes 2 core enterprises, 3 subsidiaries, 9 domestic branches and offices, and 39 international service centers. DWIN has served nearly 50,000 customers, with a service network that spans the globe.



400000 m²
Manufacturing



1,500
Employees

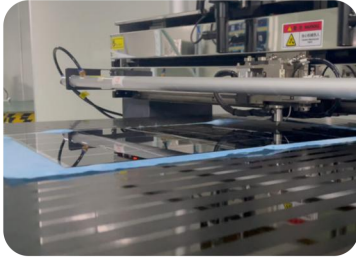


150
Engineers

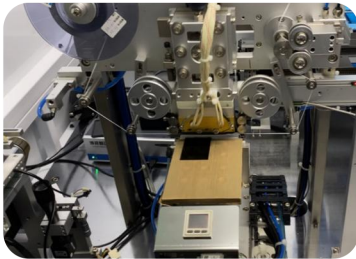


Manufacturing

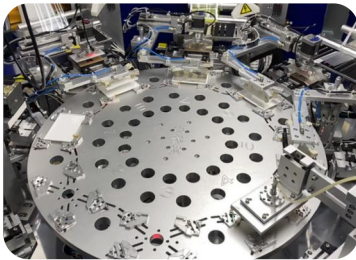
LCM



LCD Panel Cutting



FOG

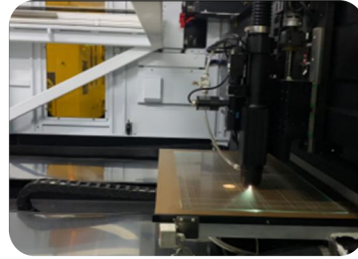


Backlight

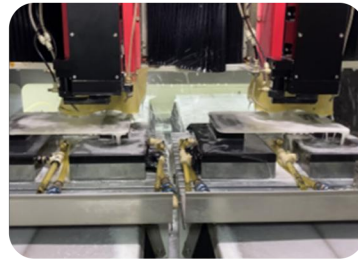


LCM Aging

CTP



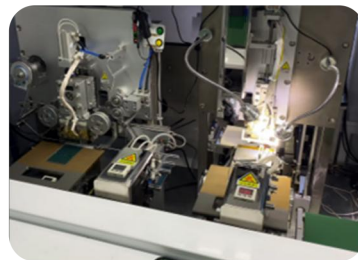
Automatic Glass Cutting



CNC

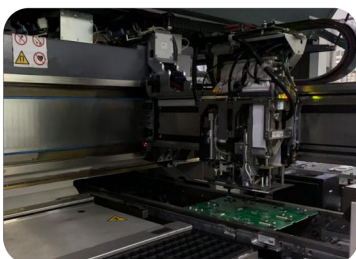


Silk Printing



FPC bonding

SMT



High-speed Pick & Place Machine

Metal



Laser Machine Cutting

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	

TPS05 is under development

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1.UART PRODUCT

1.1 DEFINITION OF DWIN SCREEN

1.1.1 NAMING SCHEME

Instruction	Category	Serial number	Description
DM	Product Code	2 Characters	Smart screen production line
G	Color Code	1 Character	T=65K Color(16-bit) G=16.7M/262K Color(24-bit/18-bit)
80480	Resolution	5 Digits	24240=240*240 32240=320*240 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	C=Commercial Grade T=Industrial Grade K=Medical 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
—	—	—	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
W	Working Temperature	1 Character	“N”: Normal Temperature “W”: Wide Temperature

Instruction	Category	Serial number	Description
—	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
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.
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, 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
All	—	Indicates that this option is not supported.
Shell	PS1	The plastic shell suitable for indoor use, it may be deformed due to excessive temperature or UV degradation when outdoor use.
	PS2	The plastic shell suitable for indoor and outdoor use, undeformed at high or low temperatures, and has UV protection.
	MS1	The embedded smart screen wrapped in a stainless steel iron frame has a structure similar to a bare screen.
	MS2	The aluminum alloy shell, suitable for both indoor and outdoor environment.
Display	TN	Normal viewing angle TN process TFT display, the viewing angle is 70/70/50/70 (L/R/U/D).
	EWTN	Wide viewing angle TN process TFT display, the viewing angle is 75/75/75/75 (L/R/U/D).
	IPS	IPS process TFT display, commonly known as hard screen, has high contrast, good color reproduction, and wide viewing angle (typical value is 85/85/85/85).
	SFT	SFT process TFT display, with high contrast, good color reproduction, wide viewing angle (typical value is over 88/88/88/88).
Touch	R4	4-wire RTP
	R4AV	4-wire RTP with anti-glare and anti-UV, it suitable for outdoor use.
	R5	5-wire RTP
	R5AV	5-wire RTP with anti-glare and anti-UV, it suitable for outdoor use.
	CP	G+P low-cost CTP
	CG	G+G CTP, it can adjust the sensitivity of the front tempered glass or acrylic panel.
	GFF	G+FF CTP, it can adjust the sensitivity of the front tempered glass or acrylic panel.
	CGAV	G+G CTP with anti-glare and anti-UV, suitable for outdoor use. The sensitivity can be adjusted with front tempered glass or acrylic panel.
RTC	BT	Use CR3220 or CR1220 lithium electronic battery as RTC backup power source, the battery needs to be replaced after the battery life is 1-5 years (depending on the battery and the use environment).
	FC	Using farad capacitors as RTC backup power supply, it can last for about 30 days after power failure, and there is no service life problem.
Memory	1G	Built-in NAND Flash memory is 1Gbits (128Mbytes).
	2G	Built-in NAND Flash memory is 2Gbits (256Mbytes).
	4G	Built-in NAND Flash memory is 4Gbits (512Mbytes).
	8G	Built-in NAND Flash memory is 8Gbits (1Gbytes).
	16G	Built-in NAND Flash memory is 16Gbits (2Gbytes).

Type	Abbreviation	Description
All	—	Indicates that this option is not supported.
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).
	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 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 ESKinterface 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 DDUS UI development mode running on T5CPU 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.

Type	Abbreviation	Description
All	—	Indicates that this option is not supported.
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
	8P25P	8Pin 2.54mm, straight plug socket
	8P20L	8Pin_2.0mm lock 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
	2P20P	2Pin_2.0mm horizontal socket
	10P38P	10Pin_3.81mm socket

■ Square

● Circular

■ Bar Type

1.3	1.4	1.5	1.6	2.0	2.1	2.4
240*240	T5L0-Q88	240*240	T5L0	400*400	T5L0-Q88	320*240
T5L0					480*480	T5L1
2.8	2.86	3	3.2	3.5	3.6	3.7
320*240	T5L0	800*268	T5L0	960*376	T5L0	320*240
480*480	T5L1	640*360	T5L1	320*240	T5L1	544*506
				480*320	T5L1	960*240
				640*480	T5L0	
				800*480	T5L0	
4	4.1	4.3	4.6	5	5.5	5.7
480*480	T5L0	720*720	T5L1	480*272	T5L1	1280*720
T5L1		480*272	T5L1	640*480	T5L0	320*240
720*720	T5L1	800*480	T5L0	800*480	T5L1	640*480
800*480	T5L0			854*480	T5L0	
960*400	T5L0			1280*720	T5L2	
6.5	6.8	7	7.4	7.8	8	8.4
640*480	T5L0	1280*480	T5L2	1280*400	T5L2	800*480
		800*600	T5L2			800*600
		1024*600	T5L2			1024*600
		1280*800	T5L2			1024*768
		1424*280	T5L1			1280*720
						1280*800
8.8	9.7	10.1	10.4	11.6	12.1	13.3
1920*480	T5L2	1024*768	T5L2	1024*600	T5L2	800*600
				1280*720	T5L2	1024*768
				1280*800	T5L2	1280*800
				1920*1200	T5L2	
14	15	15.6	17	17.3	18.5	19
1920*1080	T5L2	1920*1080	T5L2	1366*768	T5L2	1280*1024
		1920*1080	T5L2			1920*1080
21.5						
1920*1080	T5L2					

1.2 CATALOG

Size	Resolution (H*V)	Model	LCD Type	Note
1.3	240*240	DMG24240F013_03WN	IPS	T5L0-Q88, circular screen
		DMG24240C013_13WN	IPS	T5L0, circular knob screen, encoder shell
		DMG24240C013_03W	IPS	Circular screen
1.54	240*240	DMG24240C015_03W	IPS	T5L0,16M (flash can't be extended)
		DMG24240C015_13WN	IPS	T5L0, circular knob screen, encoder shell
1.6	400*400	DMG40400F016_06W	IPS	Circular screen=black, WTCZ01=white, WTCZ02=Integrated black Debugging board: HDL662K has buzzer, speaker interface, and USB interface
		DMG40400C016_03W	IPS	IPS circular screen, T5L0-Q88
		DMG40400C016_13WNZ154	IPS	T5L0-Q88, circular knob screen, encoder shell
2	240*320	DMG32240C020_03W	IPS	T5L0
2.1	480*480	DMG48480F021_01W	IPS	Circular screen, WTC=black, WTCZ01=white, WTCZ02=Integrated black Debugging board: HDL662S has buzzer, speaker interface, SD card interface and USB interface
		DMG48480F021_01WTCZG2	IPS	Circular screen,with enclosure
		DMG48480F021_06W	IPS	Circular screen,T5L0-Q88,WTC=black,WTCZ01=white,WTCZ02=Integrated black
		DMG48480C021_02W	IPS	IPS circular screen, T5L1
		DMG48480C021_03W	IPS	IPS circular screen, T5L1
		DMG48480C021_04W	IPS	IPS circular screen,T5F0
		DMG48480C021_12WTC	IPS	T5F0 ASIC,debugging board: 130-SDK
		DMG48480C021_13WTC	IPS	T5L0-Q88, circular knob screen, encoder shell
2.4	240*320	DMG32240C024_03W	TN	T5L0
2.8	240*320	DMG32240F028_01W	TN	LCM: LN32240F028SO3004, TPS04 capacitive touch IC
		DMG32240F028_02W	TN	LCM: LN32240F028SO3504/ LN32240F028SO3599
		DMG32240C028_03W	TN	-
	480*480	DMG48480C028_03W	IPS	IPS circular screen, T5L1

Size	Resolution (H*V)	Model	LCD Type	Note
3	360*640	DMG64360T030_01W	IPS	T5L0, farad capacitor, horizontal screen at factory
		DMG64360K030_01W	IPS	T5L1, farad capacitor, horizontal screen at factory
3.5	320*240	DMG32240F035_01W	IPS	-
		DMG32240C035_03W	TN	T5L1
		DMG32240S035_03W	TN	T5L1, farad capacitor, anti UV, AG
	320*480	DMG48320F035_01WTC	IPS	T5L0, WTC=black, WTCZ01=white, WTCZ02=Integrated black
		DMG48320F035_01WTR	TN	T5L0
		DMG48320F035_04WN	IPS	T5L0
		DMG48320C035_03W	IPS	T5L1
		DMG48320T035_15WTR	IPS	T5L0, farad capacitor
	480*800	DMG80480T035_01W	IPS	-
		DMG80480K035_03W	IPS	T5L1, farad capacitor
	640*480	DMG64480T035_01W	IPS	With conformal coating
		DMG64480K035_03W	IPS	T5L1, farad capacitor
3.7	240*960	DMG96240C037_03W	IPS	Bar LCD
4	400*960	DMG40960F040_01W	IPS	T5L0, WTC=black, WTCZ01=white
	480*480	DMG48480F040_01W	IPS	T5L0, WTC=black, WTCZ01=white, WTCZ02=Integrated black
		DMG48480F040_01WTCJM	IPS	Semi-transparent mirror cover glass
		DMG48480F040_02WTCZ02	IPS	T5L0-Q88, WTCZ02=Integrated black, 24 pin interface, adapter board: F040-24PIN-USB-TEST
		DMG48480C040_03W	IPS	-
		DMG48480T040_01W	IPS	-
	480*800	DMG80480C040_03W	IPS	-
		DMG80480T040_01W	IPS	-
	720*720	DMG72720F040_01W	IPS	T5L1, WTC=black, WTCZ01=white, WTCZ02=Integrated black
4.1	720*720	DMG72720C041_03W	IPS	-
		DMG72720T041_06WTC	IPS	Inc cell
4.3	480*272	DMG48270F043_01W	TN	T5L0, WTC=black, WTCZ01=white

Size	Resolution (H*V)	Model	LCD Type	Note
4.3	480*272	DMG48270F043_02W	IPS	T5L0, WTC=black, WTCZ01=white, WTCZ02=Integrated black
		DMG48270F043_05WN	TV-TN	T5F0,supporting connected to 4-wire RTP, CTP, buzzer or speaker
		DMG48270C043_03W	TN	-
		DMG48270C043_04W	TV-TN	-
		DMG48270C043_05W	IPS	5V, T5L0,8MB flash
		DMG48270C043_15WTR	TV-TN	T5L0, super capacitor RTC
		DMG48270S043_03W	TN	High brightness, T5L1, farad capacitor,anti UV,AG
	480*800	DMG80480F043_01W	IPS	T5L0, WTC=black, WTCZ01=white, WTCZ02=Integrated black
		DMG80480F043_01WTCJM	IPS	Semi-transparent mirror cover glass
		DMG80480C043_01W	IPS	Horizontal screen with wide frame
		DMG80480C043_02W	IPS	Vertical screen with narrow frame
		DMG80480T043_01W	IPS	-
		DMG80480T043_09W	IPS	High brightness,anti-UV, with conformal coating
		DMG80480T043_A5W	IPS	Built-in speaker, LED lamp and photosensitive sensor, anti-UV
		DMG80480K043_03W	IPS	T5L1, farad capacitor
	800*480	DMG80480C043_06W	IPS	COF screen
5	480*854	DMG85480F050_01W	IPS	T5L0, WTC=black, WTCZ01=white, WTCZ02=Integrated black, TPS04 capacitive touch IC
		DMG85480C050_03W	IPS	-
		DMG85480K050_03W	IPS	Narrow border, T5L1, farad capacitor
	800*480	DMG80480F050_01WTCZ03	TN	Optical bonding
		DMG80480C050_03W	TN	-
		DMG80480C050_04W	IPS	T5L0
		DMG80480C050_15WTR	TN	T5L0, button cell
		DMG80480T050_02W	IPS	T5L0, farad capacitor
		DMG80480T050_09W	IPS	High brightness, anti-UV
		DMG80480T050_A5W	IPS	Built-in speaker, LED lamp and photosensitive sensor, anti-UV

Size	Resolution (H*V)	Model	LCD Type	Note
5	800*480	DMG80480K050_03W	IPS	T5L1, farad capacitor
		DMG80480K050_03W	TN	High brightness, T5L1, farad capacitor, anti UV, AG
	720*1280	DMG12720T050_01W	IPS	T5L2, incell, farad capacitor
	1280*720	DMG12720C050_03W	IPS	T5L2, incell
		DMG12720T050_06WTC	IPS	Inc cell
5.7	640*480	DMG64480T057_01W	IPS	T5L0, farad capacitor, 72 hours aging test, with conformal coating.
		DMG64480K057_03W	IPS	T5L0, 72 hours aging test, with conformal coating.
6.8	480*1280	DMG12480C068_03W	IPS	Horizontal screen at factory
7	800*480	DMG80480F070_01W	TN	T5L0
		DMG80480F070_02W	TN	T5L0, WTC=black, WTCZ01=white
		DMG80480F070_06W	TN	16M Bytes Flash
		DMG80480L070_01WTR	TN	T5L1
		DMG80480C070_03W	TN	-
		DMG80480C070_04W	TV-TN	5V, T5L0
		DMG80480C070_06W	TN	COF screen
		DMG80480C070_15WTR	TN	T5L0, button cell
		DMG80480T070_05W	TN	T5L0, farad capacitor
		DMG80480T070_09W	TN	High brightness, T5L0, farad capacitor
		DMG80480T070_15W	TN	Built-in speaker, LED lamp and photosensitive sensor
		DMG80480T070_15WTRIOT	TN	with WI-FI 20, Support server/backend management customization function
		DMG80480T070_15WTRU	TN	Support high-speed WiFi OTA and USB flash drive download
		DMG80480T070_A5W	TN	Built-in speaker, LED lamp and photosensitive sensor, anti-UV
		DMG80480K070_03W	TN	T5L1, farad capacitor
		DMG80480S070_03W	IPS	High brightness, T5L1, farad capacitor
	800*1280	DMG12800C070_03W	IPS	MIPI interface, button cell, T5L2, horizontal screen at factory
	1024*600	DMG10600F070_01W	IPS	T5L2, WTC=black, WTCZ01=white, WTCZ02=Integrated black

Size	Resolution (H*V)	Model	LCD Type	Note
7	1024*600	DMG10600F070_02W	IPS	T5L0, WTC=black, WTCZ01=white
		DMG10600C070_03W	IPS	-
		DMG10600T070_01W	IPS	T5L2, farad capacitor
		DMG10600T070_09W	IPS	High brightness, anti-UV, T5L2, farad capacitor
		DMG10600T070_A5W	IPS	T5L2, TPS04 capacitive touch IC
		DMG10600K070_03W	IPS	T5L2, farad capacitor
		DMG10600S070_03W	IPS	T5L2, farad capacitor, Anti UV, AG
	1280*800	DMG12800T070_01W	IPS	T5L2, farad capacitor
		DMG12800K070_03W	IPS	T5L2, farad capacitor
7.4	1280*400	DMG12400C074_03W	IPS	IPS, button cell, onboard loudspeaker
8	800*600	DMG80600F080_01W	TN	T5L1, WTC=black, WTCZ01=white
		DMG80600L080_01WTR	TN	T5L1
		DMG80600C080_03W	TN	-
		DMG80600T080_02W	TN	T5L1, farad capacitor
		DMG80600T080_09W	TN	High brightness, T5L1, farad capacitor
		DMG80600T080_15W	TN	T5L1, farad capacitor
		DMG80600K080_03W	TN	T5L1, farad capacitor
		DMG80600S080_03W	TN	T5L1, farad capacitor, anti UV, AG
	800*1280	DMG12800C080_03W	IPS	Horizontal screen at factory
		DMG12800T080_01W	IPS	T5L2, farad capacitor
		DMG12800K080_03W	IPS	T5L1, farad capacitor
	1024*768	DMG10768C080_03W	IPS	-
		DMG10768T080_01W	IPS	T5L2, farad capacitor
		DMG10768K080_03W	IPS	High brightness, T5L2, farad capacitor
8.88	480*1920	DMG19480C088_03W	IPS	Horizontal screen at factory
		DMG19480T088_01W	IPS	T5L2, farad capacitor, horizontal screen at factory
9.7	1024*768	DMG10768C097_03W	TN	-
		DMG10768T097_01W	TN	T5L2, farad capacitor
		DMG10768T097_15W	TN	T5L2, farad capacitor

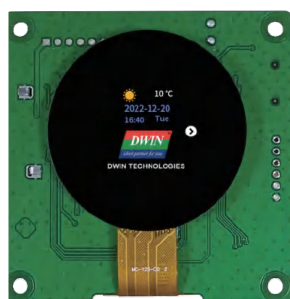
Size	Resolution (H*V)	Model	LCD Type	Note
9.7	1024*768	DMG10768K097_03W	TN	T5L2, farad capacitor
		DMG10768S097_03W	TN	T5L2, farad capacitor,anti UV,AG
10.1	800*1280	DMG12800L101_01W	IPS	T5L2, horizontal screen at factory
	1024*600	DMG10600F101_01W	IPS	T5L2, WTC=black, WTCZ01=white, WTCZ02=Integrated black
		DMG10600C101_03W	IPS	-
		DMG10600C101_04W	IPS	-
		DMG10600C101_15WTR	IPS	T5L2, super capacitor RTC
		DMG10600T101_01W	IPS	T5L2, farad capacitor
		DMG10600T101_09W	IPS	High brightness, anti-UV, T5L2,farad capacitor
		DMG10600T101_A5W	IPS	T5L2, farad capacitor
		DMG10600K101_03W	IPS	T5L2, farad capacitor
		DMG10600S101_03W	IPS	T5L2, farad capacitor,anti UV,AG
	1280*800	DMG12800T101_01W	IPS	T5L2, farad capacitor
		DMG12800K101_03W	IPS	T5L2, farad capacitor
10.4	800*600	DMG80600L104_01W	TN	T5L1
		DMG80600C104_03W	TN	-
		DMG80600T104_01W	TN	T5L1, farad capacitor
		DMG80600S104_03W	TN	T5L1, farad capacitor,anti UV,AG
	1024*768	DMG10768C104_03W	IPS	Onboard loudspeaker
		DMG10768T104_01W	IPS	T5L2, farad capacitor
		DMG10768T104_09W	IPS	High brightness, anti-UV, T5L2,farad capacitor
		DMG10768K104_03W	IPS	T5L2, farad capacitor
		DMG10768S104_03W	IPS	T5L2, farad capacitor,anti UV,AG
11.6	1920*1080	DMG19108C116_05W	IPS	T5L2 ASIC, Support FSK camera function (Without FSK interface at the factory, only reserved its circuit, need to customize to add FSK interface) ,RX8130 RTC
12.1	800*600	DMG80600C121_03W	TN	Onboard loudspeaker
		DMG80600T121_01W	TN	T5L1, farad capacitor
		DMG80600T121_15W	TN	Built-in speaker, T5L1, farad capacitor
	1024*768	DMG10768T121_01W	IPS	T5L2, farad capacitor

Size	Resolution (H*V)	Model	LCD Type	Note
12.1	1024*768	DMG10768K121_03W	IPS	T5L2, farad capacitor
		DMG10768S121_03W	IPS	T5L2, farad capacitor, anti UV, AG
	1280*800	DMG12800C121_02W	TN	32MB flash, speaker interface, button cell
		DMG12800K121_03W	IPS	T5L2, farad capacitor
13.3	1920*1080	DMG19108C133_05W	IPS	T5L2 ASIC, Support FSK camera function (Without FSK interface at the factory, only reserved its circuit, need to customize to add FSK interface) ,RX8131 RTC
		DMG19108K133_05W	IPS	T5L2,farad capacitor
14	1920*1080	DMG19108C140_05W	IPS	T5L2 ASIC, Support FSK camera function (Without FSK interface at the factory, only reserved its circuit, need to customize to add FSK interface) ,RX8132 RTC
15	1024*768	DMG10768C150_03W	TN	Onboard loudspeaker
		DMG10768T150_01W	TN	T5L2,farad capacitor
		DMG10768T150_15W	TN	Built-in speaker, T5L2,farad capacitor
		DMG10768K150_03W	IPS	T5L2, farad capacitor
		DMG10768S150_03W	IPS	T5L2, farad capacitor,anti UV,AG
15.6	1366*768	DMG13768C156_03W	TN	Onboard loudspeaker
	1920*1080	DMG19108C156_05W	IPS	T5L2 ASIC, Support FSK camera function (Without FSK interface at the factory, only reserved its circuit, need to customize to add FSK interface) ,RX8133 RTC
		DMG19108C156_05WTCZ02	IPS	T5L2 ASIC, Support FSK camera function (Without FSK interface at the factory, only reserved its circuit, need to customize to add FSK interface) ,RX8134 RTC
		DMG19108K156_05W	IPS	T5L2, farad capacitor
17.3	1920*1080	DMG19108C173_05W	IPS	T5L2 ASIC, Support FSK camera function (Without FSK interface at the factory, only reserved its circuit, need to customize to add FSK interface), RX8135 RTC
18.5	1366*768	DMG13768C185_03W	TN	32MB flash, speaker interface, farad capacitor
	1920*1080	DMG19108C185_05W	IPS	T5L2 ASIC, Support FSK camera function (Without FSK interface at the factory, only reserved its circuit, need to customize to add FSK interface), RX8136 RTC
21.5	1920*1080	DMG19108C215_05W	IPS	T5L2 ASIC, Support FSK camera function (Without FSK interface at the factory, only reserved its circuit, need to customize to add FSK interface), RX8137 RTC

1.3 PARAMETER

1.3 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
1.3	DMG24240F013_03WN	COF	240*240	350	4.5-5.5	TTL*1	4Pin_1.0mm	IPS	-
1.3	DMG24240C013_13WN	Commercial	240*240	400	4.5-5.5	TTL	4P20F	IPS	-
1.3	DMG24240C013_03W	Commercial	240*240	150,200	4.5-5.5	TTL*2	10P10F	IPS	GFF



DMG24240C013_03W



DMG24240C013_13WN

1.54 INCH

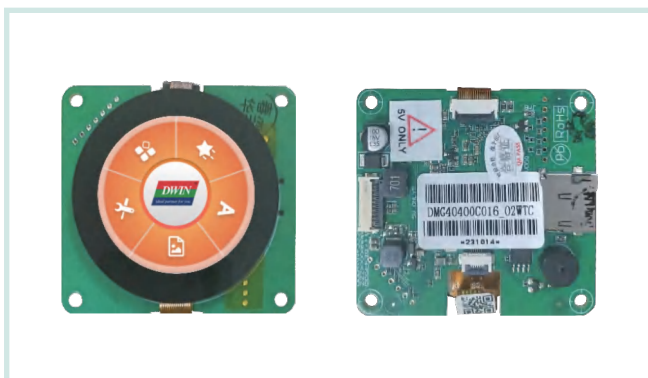
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
1.54	DMG24240C015_13WN	Commercial	240*240	-	4.5-5.5	TTL	6P20F	IPS	—
1.54	DMG24240C015_03W	Commercial	240*240	250,300	4.5-5.5	TTL*2	10P10F	IPS	CG



DMG24240C015_13WN

1.6 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
1.6	DMG40400F016_06W	COF	400*400	50,250,300	4.5-5.5	TTL*2	10Pin_1.0mm	IPS	GFF
1.6	DMG40400C016_03W	Commercial	400*400	250,300	4.5-5.5	TTL*2	10P10F	IPS	GFF
1.6	DMG40400C016_13WNZ154	Commercial	400*400	300	4.5-5.5	TTL	6P20F	IPS	-



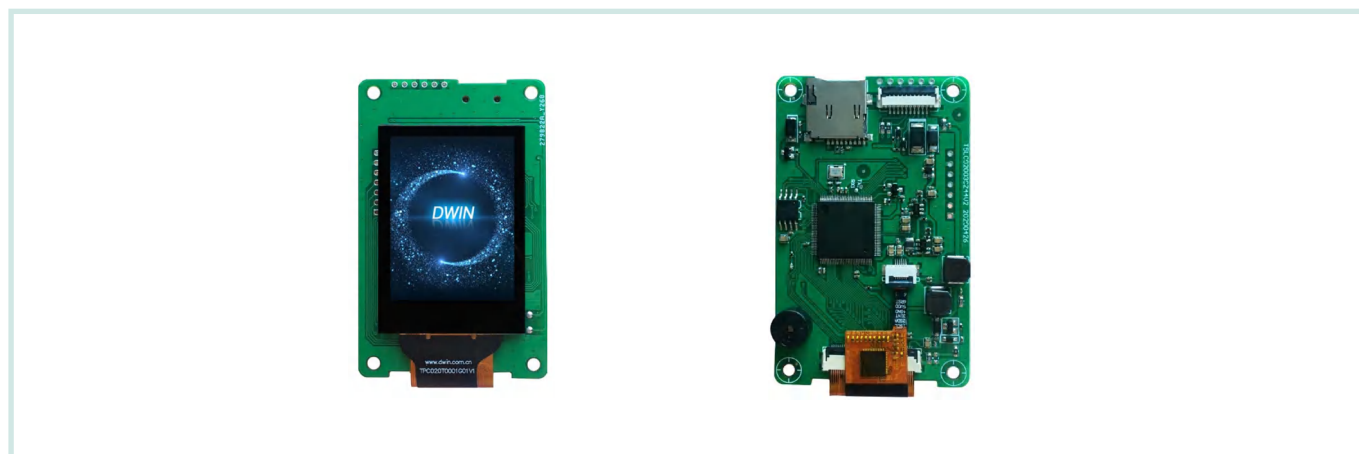
DMG40400C016_03WTC



DMG40400F016_06W

2 INCH

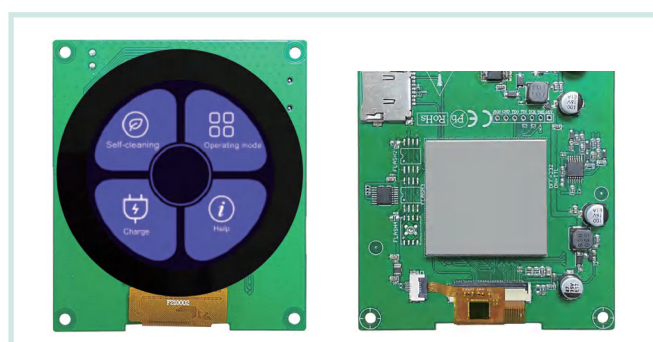
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
2	DMG32240C020_03W	Commercial	240*320	250,300	4.5-5.5	TTL*2	10P10F	IPS	R4/CG



DMG32240C020_03W

2.1 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
2.1	DMG48480F021_01W	COF	480*480	50,350,400	3.6-5.5	TTL*3	50P05F	IPS	GFF
2.1	DMG48480F021_01WTCZG2	COF	480*480	300	4.5-5.5	TTL*3	50P05F	IPS	GFF
2.1	DMG48480F021_06W	COF	480*480	100,350,400	4.5-5.5	TTL*2	10P10F	IPS	GFF
2.1	DMG48480C021_02W	Commercial	480*480	350,400	4.5-5.5	TTL/232	10P10F	IPS	GFF
2.1	DMG48480C021_03W	Commercial	480*480	350,400	4.5-5.5	TTL/232	10P10F	IPS	GF
2.1	DMG48480C021_04W	Commercial	480*480	350	4.5-5.5	TTL/232	10P10F	IPS	GFF
2.1	DMG48480C021_12WTC	Commercial	480*480	350	4.5-5.5	TTL	6P20F	IPS	GFF
2.1	DMG48480C021_13WTC	Commercial	480*480	350	4.5-5.5	TTL	6P20F	IPS	GFF



DMG48480C021_03W



DMG48480C021_13WTC

2.4 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
2.4	DMG32240C024_03W	Commercial	240*320	250,300	4.5-5.5	TTL*2	10P10F	TN	R4/CG



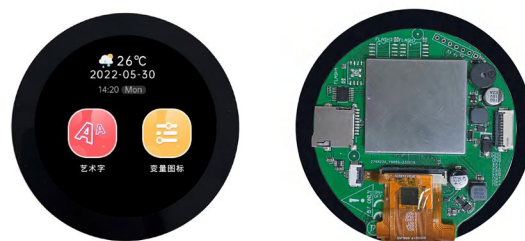
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2.8 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
2.8	DMG32240F028_01W	Commercial	240*320	300,350	3.6-5.5	TTL*3	50P05F	TN	R4
2.8	DMG32240F028_02W	Commercial	240*320	250,300	3.6-5.5	TTL*3	50P05F	TN	R4
2.8	DMG32240C028_03W	COF	240*320	250,300	4.5-5.5	TTL*2	10P10F	TN	R4/CG
2.8	DMG48480C028_03W	COF	480*480	300	3.6-5.5	TTL/232	10P10F	IPS	GFF



DMG32240C028_03W



DMG48480C028_03W

3 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
3	DMG64360T030_01W	Industrial	360*640	250,300	4.5-5.5	TTL/232	10P10F	IPS	R4/CG
3	DMG64360K030_01W	Medical	360*640	250,300	4.5-5.5	TTL/232	10P10F	IPS	R4/CG

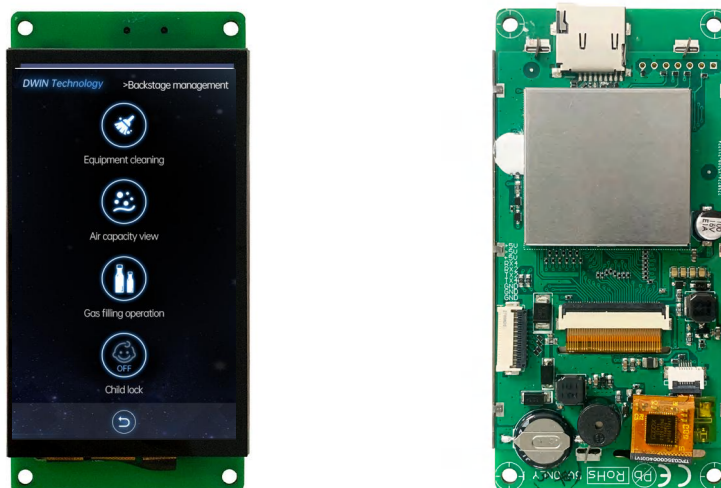


DMG64360K030_01W

3.5 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
3.5	DMG32240F035_01W	COF	320*240	100,150,200,250	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	R4/CG
3.5	DMG48320F035_01WTC	COF	320*480	50,250	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	CG
3.5	DMG48320F035_01WTR	COF	320*480	200	3.6-5.5	TTL*3	50Pin_0.5mm	TN	R4
3.5	DMG48320F035_04WN	COF	320*480	250	4.5-5.5	TTL*1	4Pin_1.0mm	IPS	-
3.5	DMG32240C035_03W	Commercial	320*240	200,250,300	4.5-5.5	TTL*2	10P10F	TN	R4/CG
3.5	DMG48320C035_03W	Commercial	320*480	250,300	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
3.5	DMG64480T035_01W	Industrial	640*480	250,300	4.5-5.5	TTL/232	10P10F	IPS	R4/CG
3.5	DMG80480T035_01W	Industrial	480*800	250,300	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
3.5	DMG64480K035_03W	Medical	640*480	150,200	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
3.5	DMG80480K035_03W	Medical	480*800	250,300	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
3.5	DMG32240S035_03W	Harsh Environment	320*240	250,300	4.5-5.5	232*2+485*1	10P10P+2P20P	TN	R4/CG



DMG80480K035_03W

3.5 INCH WITH SHELL

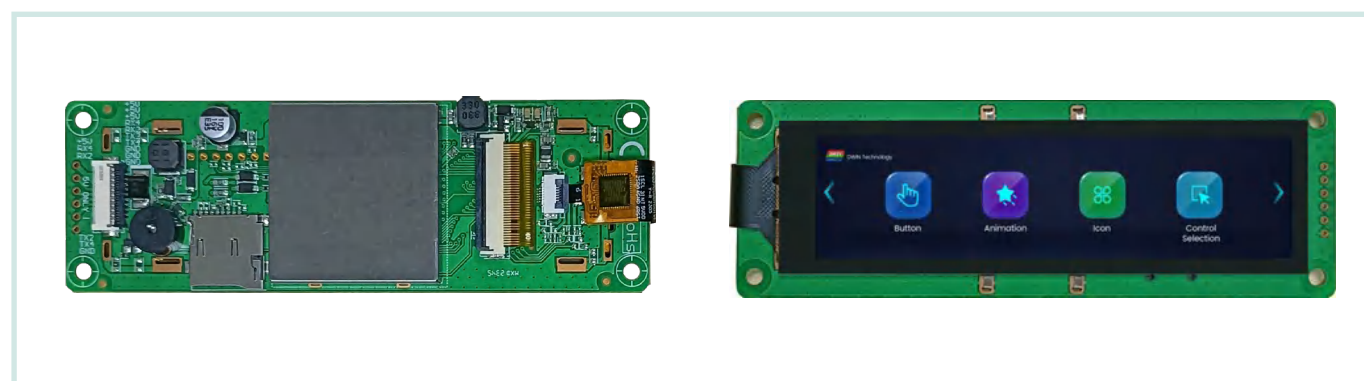
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
3.5	DMG48320T035_15WTR	Industrial	320*480	200	9-36	232*1+485*1	6P20P	IPS	R4



DMG48320T035_15WTR

3.7 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
3.7	DMG96240C037_03W	Commercial	240*960	300,350,400	4.5-5.5	TTL/232	10P10F	IPS	R4/CG

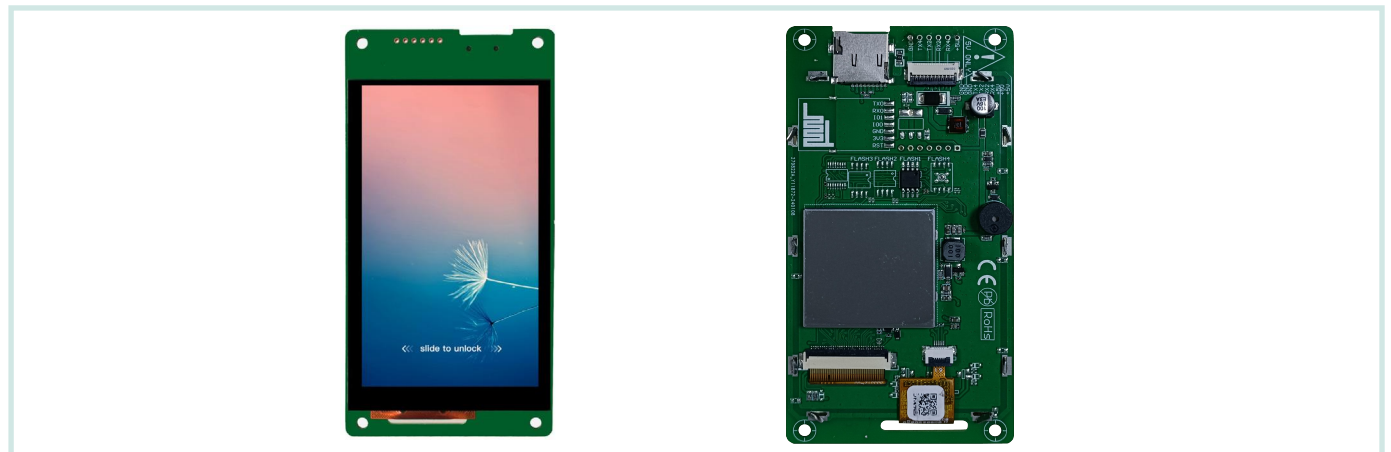


DMG96240C037_03W

4 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
4	DMG40960F040_01W	COF	400*960	200,250,300	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	R4/CG
4	DMG48480F040_01W	COF	480*480	50,200,250,300	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	R4/CG
4	DMG48480F040_01WTCJM	COF	480*480	100	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	CG
4	DMG48480F040_02WTCZ02	COF	480*480	50	4.5-5.5	TTL*3	24Pin_0.5mm	IPS	CG
4	DMG72720F040_01W	COF	720*720	50,250,300	4.5-5.5	TTL*3	50Pin_0.5mm	IPS	CG
4	DMG48480C040_03W	Commercial	480*480	250,300	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
4	DMG80480C040_03W	Commercial	480*480	300,400,450	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
4	DMG48480T040_01W	Industrial	480*480	250,300	9-36	TTL/232	8P20P	IPS	R4/CG

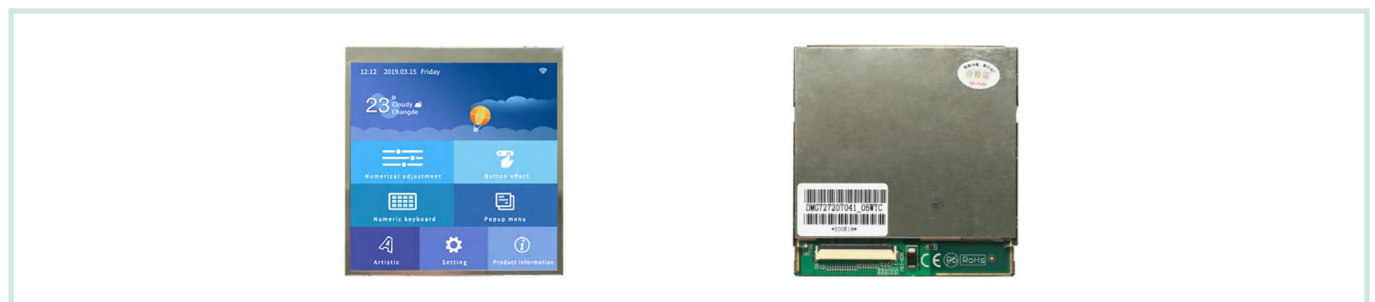
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
4	DMG80480T040_01W	Industrial	800*480	350,400	9-36	TTL/232	8P20P	IPS	R4/CG



DMG80480C040_03W

4.1 INCH

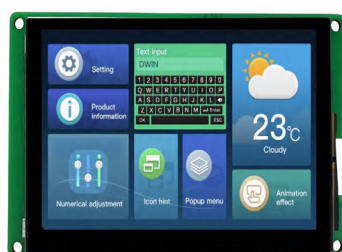
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
4.1	DMG72720C041_03W	Commercial	720*720	400	4.5-5.5	TTL*2	10P10F	IPS	IncCell
4.1	DMG72720C041_06WTC	Commercial	720*720	400	7-15	TTL	50P05F	IPS	IncCell



DMG72720C041_06WTC

4.3 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
4,3	DMG48270F043_01W	COF	480*272	200,250	3.6-5.5	TTL*3	50Pin_0.5mm	TN	R4/CG
4,3	DMG48270F043_02W	COF	480*272	50,200,250,300	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	R4/CG
4,3	DMG48270F043_05WN	COF	480*272	200	3.3-5.5	TTL*1	20Pin_0.5mm	TN	--
4,3	DMG80480F043_01W	COF	480*800	50,25,300	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	CG
4,3	DMG80480F043_01WTCJM	COF	480*800	100	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	CG
4,3	DMG48270C043_03W	Commercial	480*272	250,300	4.5-5.5	TTL*2	10P10F	TN	R4/CG
4,3	DMG48270C043_04W	Commercial	480*272	200,250,300	4.5-5.5	TTL/232	10P10F	TV-TN	R4/CG
4,3	DMG48270C043_05W	Commercial	480*272	250,300	4.5-5.5	TTL/232	10P10F	IPS	R4/CG
4,3	DMG80480C043_01W	Commercial	480*800	200,250,300	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
4,3	DMG80480C043_02W	Commercial	480*800	250,300	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
4,3	DMG80480C043_06W	Commercial	480*800	250,300	4.5-5.5	TTL*2	10P10F	IPS	R4
4,3	DMG48270S043_03W	Harsh Environment	480*272	650,750,850	6-36	232*2+485*1	8P20P+2P20P	TN	R4/CG
4,3	DMG80480T043_01W	Industrial	480*800	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
4,3	DMG80480T043_09W	Industrial	480*800	700,800,900	9-36	TTL/232	8P20P	IPS	R4/CG
4,3	DMG80480K043_03W	Medical	480*800	250,300	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG



DMG80480T043_09W

4.3 INCH WITH SHELL

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
4.3	DMG48270C043_15WTR	Commercial	480*272	250	9-36	232*1+485*1	8P20P	TV-TN	R4
4.3	DMG80480T043_A5W	Industrial	480*800	200,250	10-36	232*2+485*1	8P38P	IPS	R4/CG



DMG48270C043_15W

5 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
5	DMG85480F050_01W	COF	480*854	50,350,400	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	CG
5	DMG80480F050_01WTCZ03	COF	800*480	300	3.6-5.5	TTL*3	50Pin_0.5mm	IPS	CG
5	DMG12720C050_03W	Commercial	1280*720	250	4.5-5.5	TTL*2	10P10F	TN	IncCell
5	DMG85480C050_03W	Commercial	480*854	250,300	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
5	DMG80480C050_03W	Commercial	800*480	250,300	4.5-5.5	TTL/232	10P10F	IPS	R4/CG
5	DMG80480C050_04W	Commercial	800*480	250,300	4.5-5.5	TTL/232	10P10F	IPS	CG
5	DMG12720T050_06WTC	Industrial	1280*720	250	7-15	TTL	50P05F	IPS	IncCell
5	DMG12720T050_01W	Industrial	720*1280	250,300	9-36	TTL/232	8P20P	IPS	R4/IncCell
5	DMG80480T050_02W	Industrial	800*480	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
5	DMG80480T050_09W	Industrial	800*480	750,800,900	9-36	TTL/232	8P20P	IPS	R4/CG

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
5	DMG85480K050_03W	Medical	480*854	350,400,450	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
5	DMG80480K050_03W	Medical	800*480	300,350,400	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
5	DMG80480S050_03W	Harsh Environment	800*480	550,600,700	6-36	232*2+485*1	8P20P+2P20P	TN	R4/CG



DMG12720T050_01W

5 INCH WITH SHELL

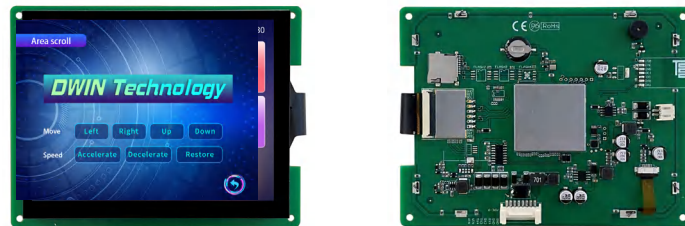
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
5	DMG80480C050_15WTR	Commercial	800*480	200	9-36	232*1+485*1	8P20P	TN	R4
5	DMG80480T050_A5W	Industrial	800*480	250,300	9-36	232*2+485*1	8P38P	IPS	R4/CG



DMG80480T050_A5W

5.7 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
5.7	DMG64480T057_01W	Industrial	640*480	400,450,500	9-36	TTL/232	8P20P	IPS	R4/CG
5.7	DMG64480K057_03W	Medical	640*480	400,450,500	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG



DMG64480K057_03W

6.8 INCH

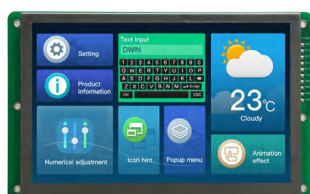
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
6.8	DMG12480C068_03W	Commercial	480*1280	250,300	9-36	TTL/232	8P20P	IPS	R4/CG



DMG12480C068_03W

7 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
7	DMG80480F070_01W	COF	800*480	150,200	4.5-5.5	TTL*3	50Pin_0.5mm	TN	R4
7	DMG80480F070_02W	COF	800*480	150,200,250	4.5-5.5	TTL*3	50Pin_0.5mm	TN	R4/CG
7	DMG80480F070_06W	COF	800*480	150,200,250	4.5-5.5	TTL*2	10Pin_1.0mm	TN	R4/CG
7	DMG10600F070_01W	COF	1024*600	50,250,300	4.5-5.5	TTL*3	50Pin_0.5mm	IPS	CG
7	DMG10600F070_02W	COF	1024*600	200,250,300	4.5-5.5	TTL*3	50Pin_0.5mm	IPS	R4/CG
7	DMG80480L070_01WTR	Consumer	800*480	200	6-15	TTL/232	8P20P	TN	R4
7	DMG80480C070_03W	Commercial	800*480	250,300	4.5-5.5	TTL/232	10P10F	TN	R4/CG
7	DMG80480C070_04W	Commercial	800*480	200,250	4.5-5.5	TTL/232	10P10F	TV-TN	R4/CG
7	DMG80480C070_06W	Commercial	800*480	200,250	4.5-5.5	TTL*2	10P10F	TN	R4
7	DMG10600C070_03W	Commercial	1024*600	250,300	4.5-5.5	TTL/232	10P10F	IPS	R4/CG
7	DMG12800C070_03W	Commercial	800*1280	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
7	DMG80480T070_05W	Industrial	800*480	250,300	9-36	TTL/232	8P20P	TN	R4/CG
7	DMG80480T070_09W	Industrial	800*480	650,700,900	9-36	TTL/232	8P20P	TN	R4/CG
7	DMG10600T070_01W	Industrial	1024*600	200,250,300	9-36	TTL/232	8P20P	IPS	R4/CG
7	DMG10600T070_09W	Industrial	1024*600	600,650,700	9-36	TTL/232	8P20P	IPS	R4/CG
7	DMG12800T070_01W	Industrial	1280*800	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
7	DMG80480K070_03W	Medical	800*480	250,300	9-36	232*2+485*1	8P20P+2P20P	TN	R4/CG
7	DMG10600K070_03W	Medical	1024*600	250,300	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
7	DMG12800K070_03W	Medical	1280*800	350,400	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
7	DMG80480S070_03W	Harsh Environment	800*480	800,1000	7-36	232*2+485*1+CAN*1	10P38P	IPS	R4
7	DMG10600S070_03W	Harsh Environment	1024*600	450,500,600	12-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG



DMG80480S070_03W

7 INCH WITH SHELL

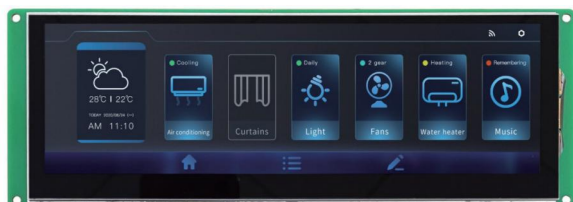
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
7	DMG80480C070_15WTR	Commercial	800*480	200	9-36	232*2+485*1	8P38P	TN	R4
7	DMG80480T070_15W	Industrial	800*480	250	9-36	232*2+485*1	8P38P	TN	R4
7	DMG80480T070_15WTRIOT	Industrial	800*480	250	9-36	232*2+485*1	8P38P	TN	R4
7	DMG80480T070_15WTRU	Industrial	800*480	200	9-36	232*2+485*1	8P38P	TN	R4
7	DMG80480T070_A5W	Industrial	800*480	250	9-36	232*2+485*1	8P38P	TN	R4
7	DMG10600T070_A5W	Industrial	1024*600	250	9-36/7-36	232*2+485*1 (+CAN*1)	8P38P (+4P38P)	IPS	R4/CG



DMG10600T070_A5W

7.4 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
7.4	DMG12400C074_03W	Commercial	1280*400	650	9-36	TTL/232	8P20P	IPS	CG



DMG12400C074_03W

8 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
8	DMG80600L080_01WTR	consuMer	800*600	250	6-15	TTL/232	8P20P	TN	R4
8	DMG80600Y080_01N	Beauty	800*600	200	6-15	TTL/232	8P20P	TV-TN	R4
8	DMG80600F080_01W	COF	800*600	200,250,300	4.5-5.5	TTL*3	50P05F	TN	R4/CG
8	DMG80600C080_03W	Commercial	800*600	250,300	9-36	TTL/232	10P10F	TN	R4/CG
8	DMG10768C080_03W	Commercial	1024*768	200,250	4.5-5.5	TTL*2	10P10F	IPS	R4/CG
8	DMG12800C080_03W	Commercial	800*1280	200,250	9-15	TTL/232	8P20P	IPS	R4/CG
8	DMG80600T080_02W	Industrial	800*600	300,350,400	9-36	TTL/232	8P20P	TN	R4/CG
8	DMG80600T080_09W	Industrial	800*600	750,800,900	9-36	TTL/232	8P20P	TN	R4/CG
8	DMG12800T080_01W	Industrial	800*1280	200,250	9-36	TTL/232	8P20P	IPS	R4/CG
8	DMG10768T080_01W	Industrial	1024*768	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
8	DMG80600K080_03W	Medical	800*600	300,350,400	9-36	232*2+485*1	8P20P+2P20P	TN	R4/CG
8	DMG10768K080_03W	Medical	1024*768	650,700	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
8	DMG12800K080_03W	Medical	800*1280	150,200	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
8	DMG80600S080_03W	Harsh Environment	800*600	650	12-36	232*2+485*1	8P20P+2P20P	TN	R4



DMG12800T080_01WTC

8 INCH WITH SHELL

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
8	DMG80600T080_15W	Industrial	800*600	300	6-36	232*1+485*1	6P38P	TN	R4



DMG80600T080_15W

8.88 INCH

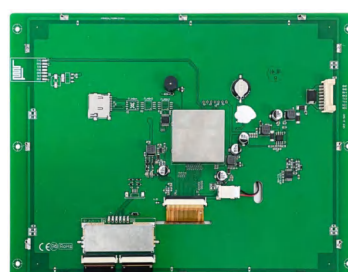
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
8.88	DMG19480C088_03W	Commercial	480*1920	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
8.88	DMG19480T088_01W	Industrial	480*1920	150,200,250	9-36	TTL/232	8P20P	IPS	R4/CG



DMG19480C088_03W

9.7 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
9.7	DMG10768C097_03W	Commercial	1024*768	150,200,250	6-15	TTL/232	8P20P	TN	R4/CG
9.7	DMG10768T097_01W	Industrial	1024*768	250,300	9-36	TTL/232	8P20P	TN	R4/CG
9.7	DMG10768T097_15W	Industrial	1024*768	200	9-36	232*1+485*1	6P38P	TN	R4
9.7	DMG10768K097_03W	Medical	1024*768	250,300	6-36	232*2+485*1	8P20P+2P20P	TN	R4/CG
9.7	DMG10768S097_03W	Harsh Environment	1024*768	200,250,300	12-36	232*2+485*1	8P20P+2P20P	TN	R4/CG

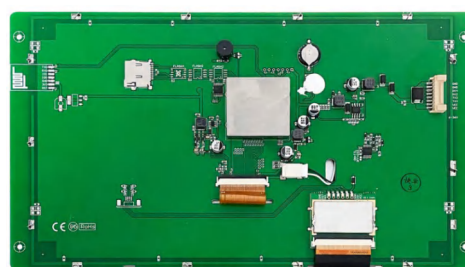


DMG10768T097_01W

10.1 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
10.1	DMG12800L101_01W	consumer	800*1280	250,300	7-15	TTL/232	8P20P	IPS	R4/CG
10.1	DMG10600Y101_01N	Beauty	1024*600	250,300	5	TTL/232	8P20P	TV-TN	R4/CG
10.1	DMG10600F101_01W	COF	1024*600	50,150,200,250	4.5-5.5	TTL*3	50P05F	IPS	R4/GFF
10.1	DMG10600C101_03W	Commercial	1024*600	150,200,250	6-15	TTL/232	8P20P	IPS	R4/CG
10.1	DMG10600C101_04W	Commercial	1024*600	200	6-15	TTL/232	8P20P	IPS	R4/CG
10.1	DMG10600T101_01W	Industrial	1024*600	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
10.1	DMG10600T101_09W	Industrial	1024*600	450,500	9-36	TTL/232	8P20P	IPS	R4/CG

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
10.1	DMG12800T101_01W	Industrial	1280*800	300,350	12-36	TTL/232	8P20P	IPS	R4/CG
10.1	DMG10600K101_03W	Medical	1024*600	250,300	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
10.1	DMG12800K101_03W	Medical	1280*800	300,350,400	9-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
10.1	DMG10600S101_03W	Harsh Environment	1024*600	300,350,400	12-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG



DMG10600T101_09W

10.1 INCH WITH SHELL

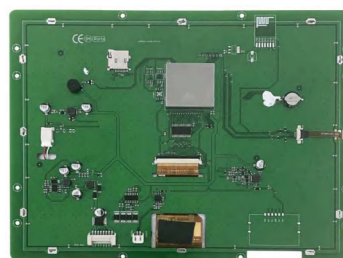
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
10.1	DMG10600C101_15WTR	Commercial	1024*600	250	9-36	232*1+485*1	8P38P	IPS	R4
10.1	DMG10600T101_A5W	Industrial	1024*600	200,250	9-36	232*2+485*1+CAN*1	8P38P+4P38P	IPS	R4/CG



DMG10600C101_15W

10.4 INCH

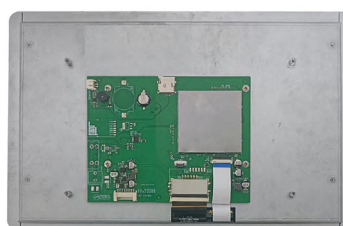
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
10.4	DMG80600L104_01W	Consumer	800*600	200,250	9-36	TTL/232	8P20P	TN	R4/CG
10.4	DMG80600C104_03W	Commercial	800*600	300,350	6-15	TTL/232	8P20P	TN	R4/CG
10.4	DMG10768C104_03W	Commercial	1024*768	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
10.4	DMG80600T104_01W	Industrial	800*600	300,350	9-36	TTL/232	8P20P	TN	R4/CG
10.4	DMG10768T104_01W	Industrial	1024*768	250,300	9-36	TTL/232	8P20P	IPS	R4/CG
10.4	DMG10768T104_09W	Industrial	1024*768	750,800,900	6-36	TTL/232	8P20P	IPS	R4/CG
10.4	DMG10768K104_03W	Medical	1024*768	250,300	9-30	232*2+485*1	8P20P+2P20P	IPS	R4/CG
10.4	DMG80600S104_03W	Harsh Environment	800*600	200,250,300	12-36	232*2+485*1	8P20P+2P20P	TN	R4/CG
10.4	DMG10768S104_03W	Harsh Environment	1024*768	200,250,300	12-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG



DMG10768K104_03W

11.6 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
11.6	DMG19108C116_05W	Commercial	1920*1080	150,200,250	12-36	TTL/232	8P20P	IPS	R4/GFF



DMG19108C116_05W

12.1 INCH

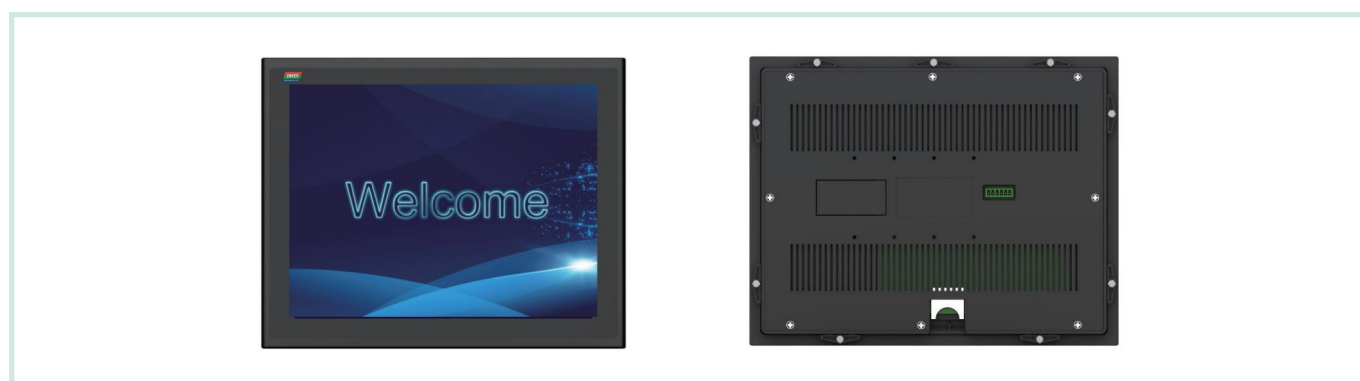
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
12.1	DMG80600C121_03W	Commercial	800*600	250,300	12-36	TTL/232	8P20P	TN	R4/CG
12.1	DMG12800C121_02W	Commercial	1280*800	400	12-36	TTL/232	8P20P	TN	CG
12.1	DMG80600T121_01W	Industrial	800*600	350,400	12-36	TTL/232	8P20P	TN	R4/CG
12.1	DMG10768T121_01W	Industrial	1024*768	400,450	12-36	TTL/232	8P20P	IPS	R4/CG
12.1	DMG12800K121_03W	Medical	1280*800	550,600,650	12-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
12.1	DMG10768K121_03W	Medical	1024*768	400,450,500	12-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
12.1	DMG10768S121_03W	Harsh Environment	1024*768	300,350,400	12-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG



DMG12800K121-03W

12.1 INCH WITH SHELL

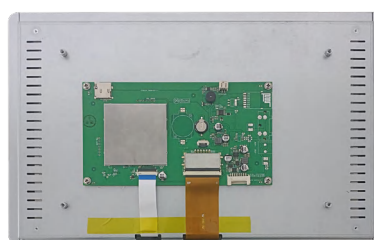
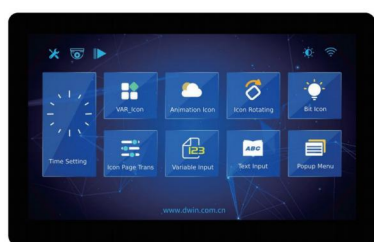
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
12.1	DMG80600T121_15W	Industrial	800*600	300	9-36	232*1+485*1	6P38P	TN	R4



DMG80600T121_15W

13.3 INCH

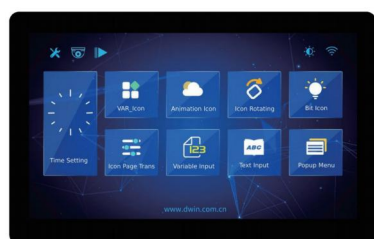
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
13.3	DMG19108C133_05W	Commercial	1920*1080	250	12-36	TTL/232	8P20P	IPS	GFF
13.3	DMG19108K133_01W	Medical	1920*1080	150	9-36	232	8P20P	IPS	GFF



DMG19108C133_05W

14 INCH

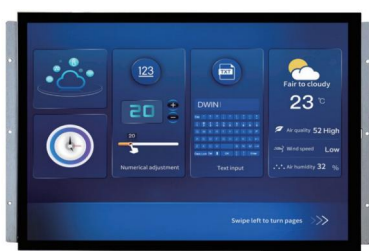
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
14	DMG19108C140_05W	Commercial	1920*1080	200,250,300	12-36	TTL/232	8P20P	IPS	R4/GFF



DMG19108C140_05W

15 INCH

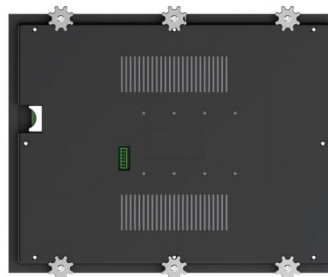
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
15	DMG10768C150_03W	Commercial	1024*768	250,300	12-36	TTL/232	8P20P	TN	R4/CG
15	DMG10768T150_01W	Industrial	1024*768	300,350	12-36	TTL/232	8P20P	TN	R4/CG
15	DMG10768K150_03W	Medical	1024*768	300,350	10-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG
15	DMG10768S150_03W	Harsh Environment	1024*768	200,250,300	12-36	232*2+485*1	8P20P+2P20P	IPS	R4/CG



DMG10768T150_01W

15 INCH WITH SHELL

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
15	DMG10768T150_15W	Industrial	1024*768	250	12-36	232*1+485*1	6P38P	IPS	R4



DMG10768T150_15W

15.6 INCH

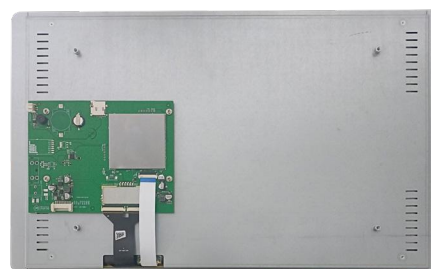
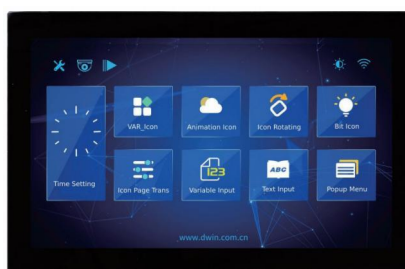
Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
15.6	DMG13768C156_03W	Commercial	1366*768	250	12-36	TTL/232	8P20P	TN	CG
15.6	DMG19108C156_05W	Commercial	1920*1080	250,300	12-36	TTL/232	8P20P	IPS	GFF
15.6	DMG19108C156_05WTCZ02	Commercial	1920*1080	50	12-36	TTL/232	8P20P	IPS	G+G
15.6	DMG19108K156_05W	Medical	1920*1080	200	12-36	232*2+485*1	8P20P+2P20P	IPS	CG/GFF



DMG19108C156_05W

17.3 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
17.3	DMG19108C173_05W	Commercial	1920*1080	200,250	12-36	TTL/232	8P20P	IPS	GFF



DMG19108C173_03W

18.5 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
18.5	DMG19108C185_05W	Commercial	1920*1080	200,250	15-36	TTL/232	8P20P	IPS	GFF



DMG13768C185_03W

21.5 INCH

Size	Model	Level	Resolution	Brightness (nit)	Operating Voltage (V)	Interface		LCD Type	Touch Type
						Signal interface	User interface		
21.5	DMG19108C215_05W	Commercial	1920*1080	150	15-36	TTL/232	8P20P	IPS	GFF



DMG19108C215_05W

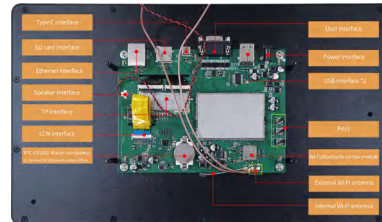
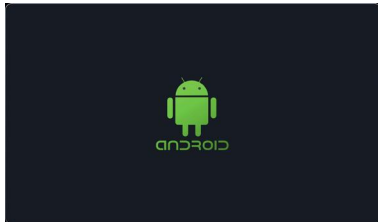
2.SYSTEM SCREEN

Product Series Overview

Series	System Type	CPU	Frequency	Model	OS
31	Android	RK3566	Quad core ARM Cortex-A55 1.8GHz	DMG19108C156_31WTC	Android 11
32	Android	RK3566	Quad core ARM Cortex-A55 1.8GHz	DMG80480T050_32WTC DMG80480T050_32WTCZOS-2 DMG10600T070_32WTC DMG10600T070_32WTCZOS-2 DMG12800C070_32WTC DMG12800C070_32WTCZOS-2 DMG12800T070_32WTC DMG12800T070_32WTCZOS-2 DMG10600C101_32WTC DMG10600C101_32WTCZOS-2 DMG12800T121_32WTC DMG12800T121_32WTCZOS-2 DMG10768T150_32WTC DMG10768T150_32WTCZOS-2 DMG19108C156_32WTC DMG19108C156_32WTCZOS-2	Android 11
40	LINUX (QT development)	RK3566	Quad core ARM Cortex-A55 1.8GHz	DMG80480T050_40WTC DMG80480T050_40WTCZOS-1 DMG10600T070_40WTC DMG10600T070_40WTCZOS-1 DMG12800C070_40WTC DMG12800C070_40WTCZOS-1 DMG12800T070_40WTC DMG12800T070_40WTCZOS-1 DMG10600C101_40WTC DMG10600C101_40WTCZOS-1 DMG12800T121_40WTC DMG12800T121_40WTCZOS-1 DMG10768T150_40WTC DMG10768T150_40WTCZOS-1 DMG19108C156_40WTC DMG19108C156_40WTCZOS-1	Linux4.19
35	LINUX (QT development)	Allwinner A40l	Quad core ARM Cortex-A7 1.2GHz	DMT10600T070_35WTR DMT10600T070_35WTC DMT10768T080_35WTC DMT10768T097_35WTC DMT10600T101_35WTC DMT12800T101_35WTC	Linux3.10
36	LINUX (QT development)	Allwinner T113-S3	Dual core ARM Cortex-A7 1GHz	DMT80480T050_36WTC DMT80480T050_36WTR DMT10600T070_36WTC DMT10600T070_36WTR DMT10600T101_36WTR DMT12800T101_36WTC	Linux5.4
42	LINUX (LVGL development)	Allwinner R11	Single core ARM Cortex-A7 1.2GHz	DMT80480T070_42WTR	Linux3.14

2.1 31 Series (RK3566 Android Screen with Anodized Aluminum Enclosure)

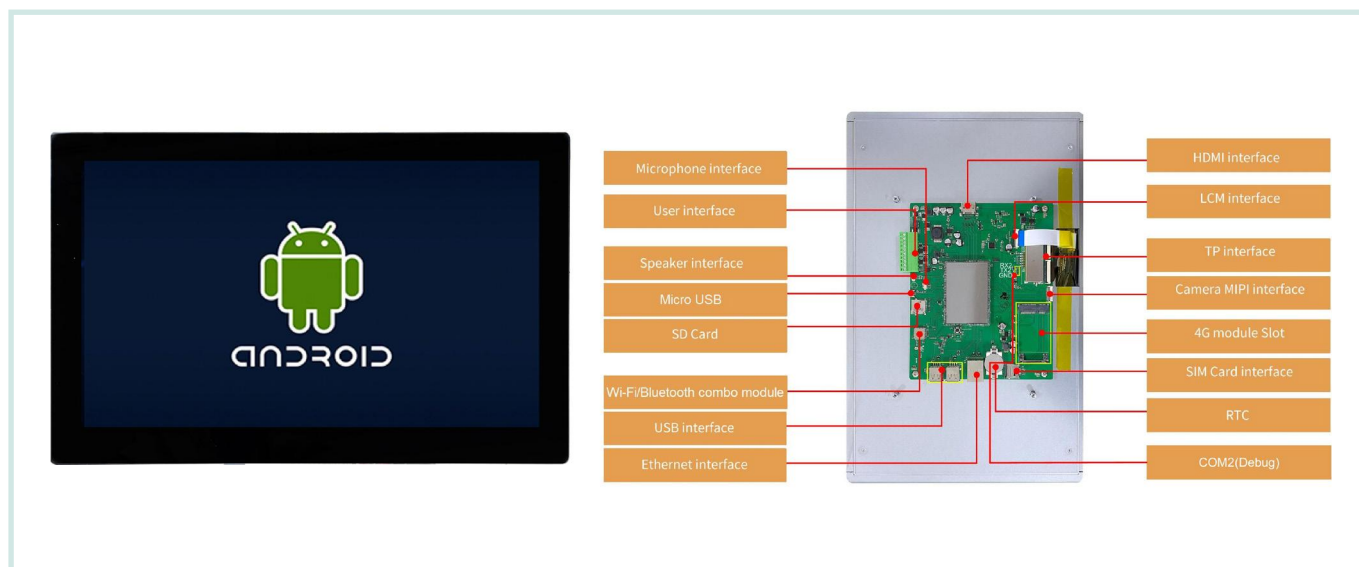
Model	LCD Type	Resolution	Brightness	Storage	Working Temp. °C	Storage Temp. °C	Voltage (V)
DMG19108C156_31WTC	IPS	1920*1080	100nit	2GB LPDDR4+ 8GB EMMC	0 ~ 50	-10 ~ 60	12 ~ 36



2.2 32 Series (RK5666 Android Screen)

Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. °C	Storage Temp. °C	Voltage (V)
DMG80480T050_32WTC	5.0	IPS	800*480	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG80480T050_32WTCZOS-2	5.0	IPS	800*480	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600T070_32WTC	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	11 ~ 36
DMG10600T070_32WTCZOS-2	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	11 ~ 36
DMG12800C070_32WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 60	-20 ~ 70	9 ~ 23
DMG12800C070_32WTCZOS-2	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 60	-20 ~ 70	9 ~ 23
DMG12800T070_32WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23
DMG12800T070_32WTCZOS-2	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23
DMG10600C101_32WTC	10.1	IPS	1024*600	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600C101_32WTCZOS-2	10.1	IPS	1024*600	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG12800T121_32WTC	12.1	IPS	1280*800	600nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 36
DMG12800T121_32WTCZOS-2	12.1	IPS	1280*800	600nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 36
DMG10768T150_32WTC	15.0	IPS	1024*768	300nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 36
DMG10768T150_32WTCZOS-2	15.0	IPS	1024*768	300nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 36

Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. °C	Storage Temp. °C	Voltage (V)
DMG19108C156_32WTC	15.6	IPS	1920*1080	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG19108C156_32WTCZOS-2	15.6	IPS	1920*1080	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36

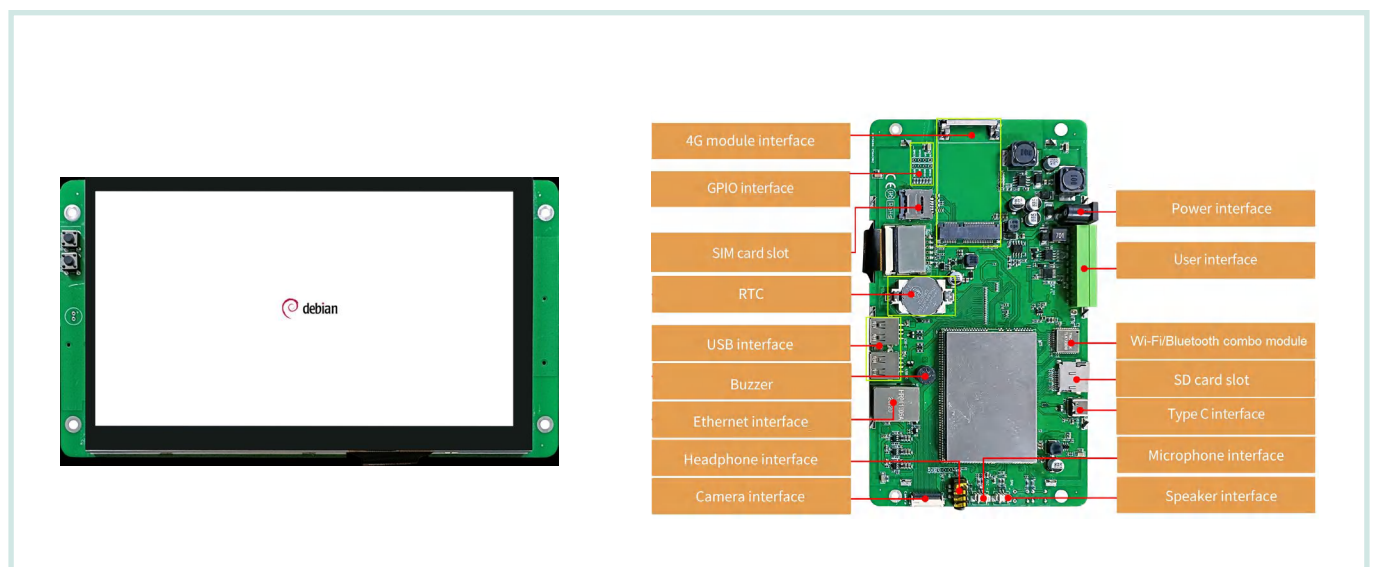


DMG19108C156_32WTC

2.3 40 Series (RK3566 Linux Screen)

Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. °C	Storage Temp. °C	Voltage (V)
DMG80480T050_40WTC	5.0	IPS	800*480	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG80480T050_40WTCZOS-1	5.0	IPS	800*480	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600T070_40WTC	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	11 ~ 36
DMG10600T070_40WTCZOS-1	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	11 ~ 36
DMG12800C070_40WTC	7.0	IPS	1280*800	300nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 60	-20 ~ 70	9 ~ 23
DMG12800C070_40WTCZOS-1	7.0	IPS	1280*800	300nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 60	-20 ~ 70	9 ~ 23
DMG12800T070_40WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23
DMG12800T070_40WTCZOS-1	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23
DMG10600C101_40WTC	10.1	IPS	1024*600	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36

Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. °C	Storage Temp. °C	Voltage (V)
DMG10600C101_40WTCZOS-1	10.1	IPS	1024*600	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG12800T121_40WTC	12.1	IPS	1280*800	600nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 36
DMG12800T121_40WTCZOS-1	12.1	IPS	1280*800	600nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 36
DMG10768T150_40WTC	15.0	IPS	1024*768	300nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30~80	12 ~ 36
DMG10768T150_40WTCZOS-1	15.0	IPS	1024*768	300nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30~80	12 ~ 36
DMG19108C156_40WTC	15.6	IPS	1920*1080	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG19108C156_40WTCZOS-1	15.6	IPS	1920*1080	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36

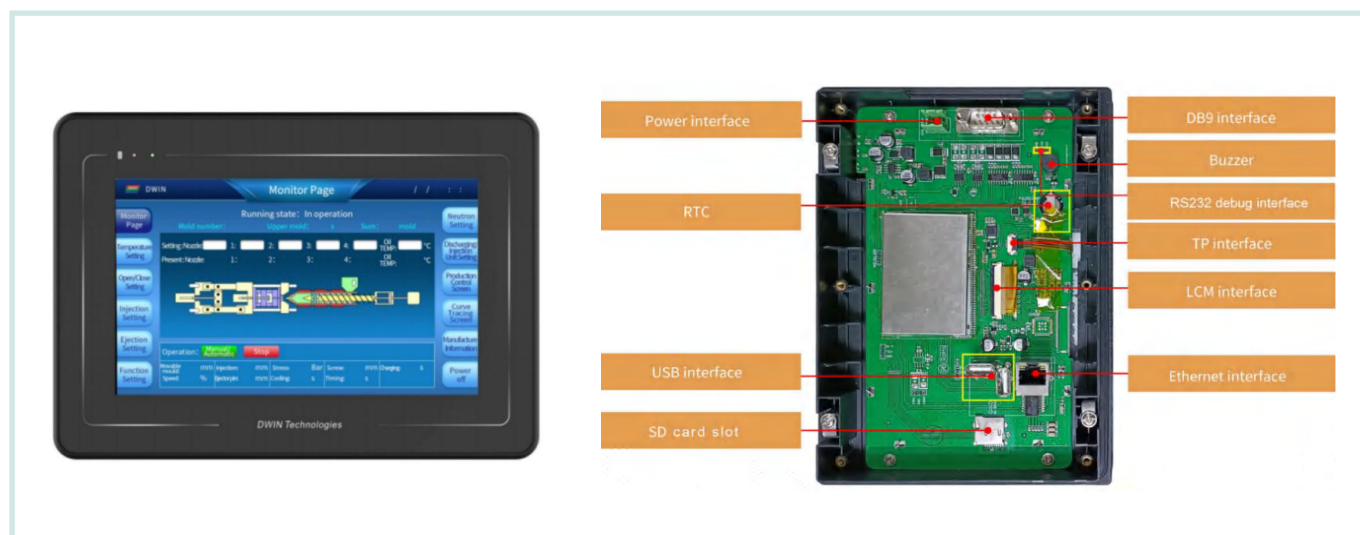


DMG10600T070_40WTCZOS-1

2.4 35 Series (Allwinner A40I Linux Screen)

Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. °C	Storage Temp. °C	Voltage (V)
DMT10600T070_35WTR	7.0	IPS	1024*600	200nit	1G DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23
DMT10600T070_35WTC	7.0	IPS	1024*600	250nit	1G DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23
DMT10768T080_35WTC	8.0	IPS	1024*768	250nit	1G DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	6 ~ 23
DMT10768T097_35WTC	9.7	TN	1024*768	250nit	1G DDR3+ 8GB EMMC	-20 ~ 65	-30 ~ 80	7 ~ 23
DMT10600T101_35WTC	10.1	IPS	1024*600	250nit	1G DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23

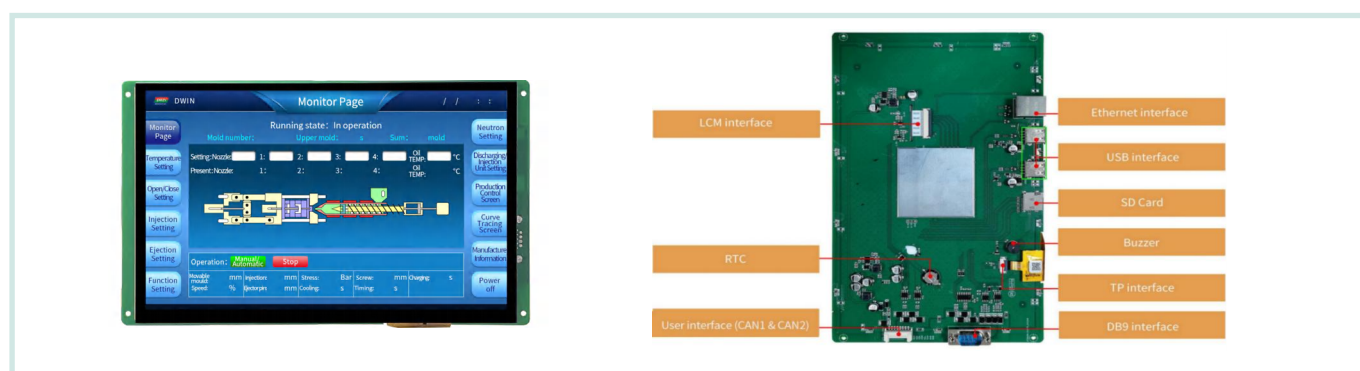
Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. °C	Storage Temp. °C	Voltage (V)
DMT12800T101_35WTC	10.1	IPS	1280*800	350nit	1G DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 23



DMT10600T070_35WTR

2.5 36 Series (Allwinner T113-S3 Linux Screen)

Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. °C	Storage Temp. °C	Voltage (V)
DMT80480T050_36WTC	5.0	IPS	800*480	300nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23
DMT80480T050_36WTR	5.0	IPS	800*480	250nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 23
DMT10600T070_36WTC	7.0	IPS	1024*600	250nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	8 ~ 23
DMT10600T070_36WTR	7.0	IPS	1024*600	200nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	8 ~ 23
DMT10600T101_36WTC	10.1	IPS	1024*600	250nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	6 ~ 23
DMT12800T101_36WTC	10.1	IPS	1280*800	250nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 23



DMT12800T101_36WTC

2.6 42 Series (Allwinner R11 Linux Screen)

Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp °C	Storage Temp °C	Voltage (V)
DMT80480T070_42WTR	7.0	IPS	800*480	250nit	64MB DDR2+ 128MB NAND	-20 ~ 70	-30 ~ 80	9 ~ 36



DMT80480T070_42WTR

3.HDMI & LVDS Screen

3.1 HDMI Screen

Size	Model	LCD Type	Brightness	Resolution	Power Voltage(V)	Remark
4.3	HDW043_001L	IPS	250	480*800	3.6-6	-
4.3	HDW043_A5001L	IPS	250	480*800	12-36	With shell
5.0	HDW050_003L	TN	250	800*480	3.6-6	With positioning holes
7.0	HDW070_007L	IPS	250	1024*600	9-36	-
7.0	HDW070_008L	TN	250	800*480	9-36	-
7.0	HDW070_008LZ01	TN	800	800*480	9-36	-
7.0	HDW070_008LZ02	IPS	600	1024*600	9-36	-
7.0	HDW070_008LZ04	TN	800	800*480	7-36	With positioning holes
7.0	HDW070_008LZ05	IPS	600	1024*600	7-36	With positioning holes
7.0	HDW070_A5001L	IPS	250	1024*600	6-36	With shell
8.0	HDW080_002LC	IPS	500	1024*768	9-36	-
8.0	HDW080_A5001L	IPS	250	1024*768	9-36	With shell
10.1	HDW101_001L	IPS	200	1024*600	9-36	
10.1	HDW101_001LZ01	IPS	200	1024*600	6-36	
10.1	HDW101_004L	IPS	300	1280*800	9-36	
10.1	HDW101_001LZ08	IPS	450	1024*600	9-36	
10.1	HDW101_001LZ09	IPS	500	1024*600	9-36	With positioning holes
10.1	HDW101_A5001L	IPS	450	1024*600	7-36	With shell
10.1	HDW101_007L	IPS	300	1280*800	12-36	Explosion-proof(cover)-IK08, VGA Interface
10.4	HDW104_001L	IPS	300	1024*768	6-36	With positioning holes
10.4	HDW104_001RTD	IPS	300	1024*768	9-30	With speaker, VGA Interface
12.1	HDW121_001L	TN	300	1280*800	12-36	-
15.0	HDW150_004L	IPS	250	1024*768	7-36	-
15.6	HDW156_001L	IPS	250	1920*1080	12-36	-
18.5	HDW185_001L	IPS	200	1366*768	12-36	-
19.0	HDW190_AWTC	IPS	250	1280*1024	12	With shell, VGA Interface

Size	Model	LCD Type	Brightness	Resolution	Power Voltage(V)	Remark
21.5	HDW215_001L	IPS	200	1920*1080	15-36	-
21.5	HDW215_002L	IPS	300	1920*1080	220	With shell, VGA interface and audio output interface

Note:

1. Provide customization services: size, brightness, cover glass, shell and so on.

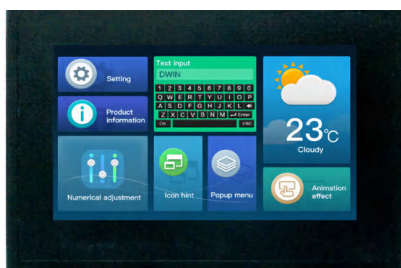
2. The list above only shows partial standard HDMI screens. If the product needed is not on this list, please contact us freely.



HDW101_001L

3.2 LVDS Screen

Size	Model	LCD Type	Brightness	Resolution	Power Voltage(V)	Interface	Remark
7.0	HDW070_002L	TN	600	800*480	3.6-6	DVI-I	With shell
7.0	HDW070_003L	TN	600	800*480	5-15	34Pin Connector	With shell
7.0	HDW070_004L	TN	600	800*480	4.6-6	DVI-I	With shell
7.0	HDW070_005L	TN	750	800*480	3.6-6	DVI-I	-
7.0	HDW070_005LGW	TN	750	800*480	3.6-6	DVI-I	POS machine solution
7.0	HDW070_005LGWS	TN	750	800*480	3.6-6	DVI-I	POS machine solution
7.0	HDW070_NR	TN	900	800*480	3.6-6	DVI-I	-
8.0	HDW080_001L	TN-EWV	500	800*600	5	DVI-I	Anti-UV
9.7	HDW097_001L	TN-EWV	300	1024*768	3.6-6	DVI-I	With shell



HDW070_002L

4 .VIDEO SCREEN

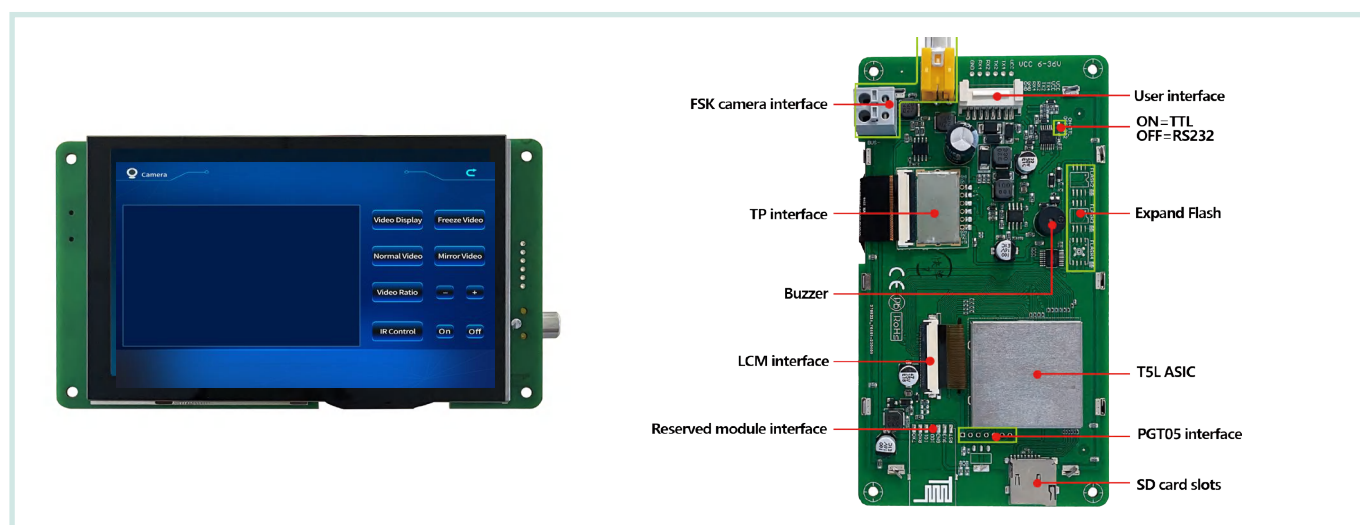
4.1 26 SERIES FSK VIDEO SCREEN

- FSK bus transmission signal, supports up to 31 cameras real-time simultaneous display on the same screen.
- Support full screen, picture in picture, image reversal, infrared night vision and other functions
- The maximum transmission distance is 300 meters

Size	Model	Resolution	Brightness	Camera interface	Power Voltage	Signal Interface	User interface
4.3	DMG48270C043_26W	480*272	250,300,350	RCA-AV socket,2Pin_5.08mm socket	9-15V	TTL/232	8Pin_2.0mm
4.3	DMG80480C043_26W	800*480	250	RCA-AV socket,2Pin_5.08mm socket	6-15V	TTL/232	10Pin_1.0mm
5.0	DMG80480C050_26W	800*480	250,300	RCA-AV socket,2Pin_5.08mm socket	12-36V	TTL/232	8Pin_2.0mm
5.0	DMG80480T050_26W	800*480	750,800,900	RCA-AV socket,2Pin_5.08mm socket	12-36V	TTL/232	8Pin_2.0mm
7.0	DMG80480C070_26W	800*480	550,600,700	Double hole RCA socket,2Pin_5.08mm socket	12-36V	TTL/232	8Pin_2.0mm
7.0	DMG10600T070_26W	1024*600	250,300	RCA-AV socket,2Pin_5.08mm socket	12-36V	TTL/232	8Pin_2.0mm
8.0	DMG10768T080_26W	1024*768	200,250	RCA-AV socket,2Pin_5.08mm socket	12-36V	TTL/232	8Pin_2.0mm
10.1	DMG10600T101_26W	1024*600	200,250	RCA-AV socket,2Pin_5.08mm socket	12-36V	TTL/232	8Pin_2.0mm
10.4	DMG10768T104_26W	1024*768	250,300	RCA-AV socket,2Pin_5.08mm socket	12-36V	TTL/232	8Pin_2.0mm

Note:

- 1.FSK bus transmission signal, supports up to 31 cameras real-time simultaneous display on the same screen.
- 2.Support full screen, picture in picture, image reversal, infrared night vision and other functions



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

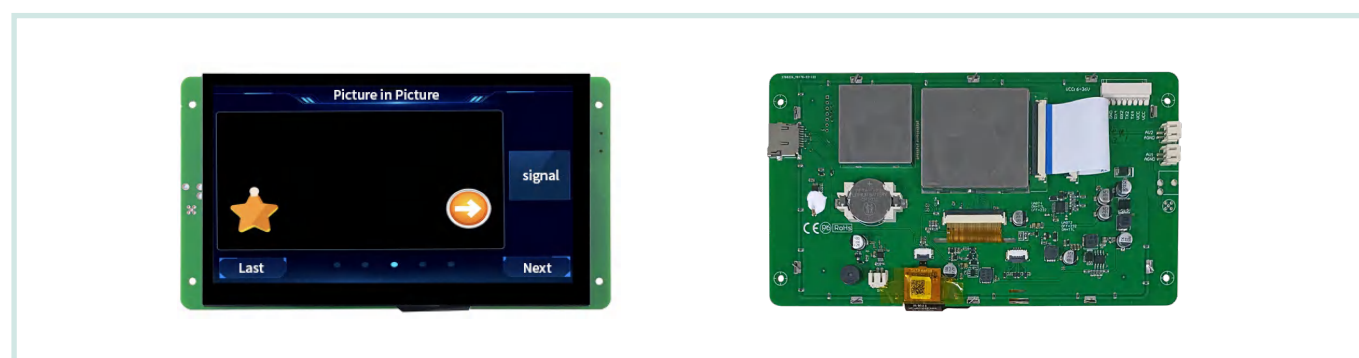
4.2 41 SERIES DIGITAL VIDEO SCREEN

- Supports image, audio, and video playback, as well as USB camera video recording and screenshot saving function.
- Reserved 4G modules, Ethernet interfaces (RJ45 socket), and WIFI module pads, support extended remote video updates and network camera function.

DWIN Technology 41 Series Digital Video Screen Selection Guide								
Size	Model	Resolution	LCD	Touch Type	Camera Interface		Video Playback	
					Signal	Connector	Video Type	Interface
7	DMG80480T070_41W	800*480	TN	RTP/CTP/No TP	Digital	USB	MP4	USB/SD Card
7	DMG10600T070_41W	1024*600	IPS	RTP/CTP/No TP	Digital	USB	MP4	USB/SD Card
8	DMG80600T080_41W	800*600	TN	RTP/CTP/No TP	Digital	USB	MP4	USB/SD Card
10.1	DMG10600T101_41W	1024*600	IPS	RTP/CTP/No TP	Digital	USB	MP4	USB/SD Card
10.4	DMG80600T104_41W	800*600	TN	RTP/CTP/No TP	Digital	USB	MP4	USB/SD Card
10.4	DMG10768T104_41W	1024*768	IPS	RTP/CTP/No TP	Digital	USB	MP4	USB/SD Card
15	DMG10768T150_41W	1024*768	TN	RTP/CTP/No TP	Digital	USB	MP4	USB/SD Card

Note:

1. Equipped with M200 module, T5L is the main controller chip, and R11 is the assist chip.
2. SD card slot 1 supports SD card image, audio, and video playback; SD card slot 2 supports downloading user UI files, CFG files, underlying kernel firmware files.
USB interface 1 is used for R11 firmware burning; USB interface 2 can connect to USB camera or play USB disk files.
3. Support image, audio, and video playback, as well as USB camera video recording and screen capture function.
4. Reserved 4G modules, Ethernet interfaces (RJ45 socket), and WIFI module pads. Support extended remote video updates and network camera function.



DMT80480T070_25WTC

4.3 DT ANALOG CAMERA SCREEN

- Supports 1-channel 1080P HD display ,or 2-channel 720P simultaneous display.
- Supports camera zooming, screenshot saving functions.
- Supports customized video recording function

Size	Model	Touch Type	Resolution (H*V)	LCD Type	UART Mode	User interface	Camera interface
Analog signal AHD/CVBS camera							
4.3	DT322X220034Z240201A	No touch	800*480	IPS	TTL/RS232*2	8Pin_2.0mm	2pin_ 2.0mm horizontal interface*2
	DT322X220034Z240201B	Capacitive touch					
	DT322X220034Z240201C	Resistive touch					
7.0	DT322X220034Z240201D	No touch	1024*600	IPS	TTL/RS232*2	8Pin_2.54mm	2pin_ 2.0mm horizontal interface*2
	DT322X220034Z240201E	Capacitive touch					
	DT322X220034Z240201F	Resistive touch					
7.0	DT322X220034Z240201G	No touch	800*480	TN	TTL/RS232*2	8Pin_2.0mm	2pin_ 2.54mm vertical interface*2
	DT322X220034Z240201H	Capacitive touch					
	DT322X220034Z240201I	Resistive touch					
7.0	DT322X220034Z240201M	No touch	1280*800	IPS	TTL/RS232*2	8Pin_2.0mm	Horizontal 2pin_ 2.0mm * 1 and vertical 2Pin_ 2.54mm * 1
	DT322X220034Z240201N	Capacitive touch					
	DT322X220034Z240201O	Resistive touch					
10.1	DT322X220034Z240201J	No touch	1024*600	IPS	TTL/RS232*2	8Pin_2.0mm	2 pins_ 2.0mm horizontal socket * 1 and 2 pins_ 2.54mm vertical socket *1
	DT322X220034Z240201K	Capacitive touch					
	DT322X220034Z240201L	Resistive touch					

Note:

- 1.Supports 1-channel 1080P HD display ,or 2-channel 720P camera simultaneous display.
- 2.Supports camera zooming, screenshot saving functions.
- 3.Supports customized video recordingfunction.

4.4 DT-WEB CAMERA SCREEN

- Supports H.264 encoded RTSP camera. Supports zooming function.
- Supports customization to achieve screen capture and screen video recording.

Size	Model	Touch Type	Resolution (H*V)	LCD Type	Color	UART Mode	User interface	Camera interface	Note
With WLAN module									
7.0	DT322X220034Z240202D	No touch	1024*600	IPS	24-bit 16.7M colors	TTL/ RS232*2	8Pin_2.0mm	WLAN	Supports wifi wireless camera
	DT322X220034Z240202G	Capacitive touch							
	DT322X220034Z240202A	Resistive touch							
With Ethernet module									
7.0	DT322X220034Z240202E	No touch	1024*600	IPS	24-bit 16.7M colors	TTL/ RS232*2	8Pin_2.0mm	8Pin_2.0mm	Supports H.264 encoded RTSP camera, supports 2 channel simultaneous display
	DT322X220034Z240202H	Capacitive touch							
	DT322X220034Z240202B	Resistive touch							
10.1	DT322X220034Z240902A	Capacitive touch	1024*600	IPS	24-bit 16.7M colors	RS232*2+ RS485*1	8Pin_2.0mm	RJ45 Ethernet interface*4	Supports H.264 encoded RTSP camera, supports 2 channel simultaneous display
	DT322X220034Z240902B	Resistive touch							
With WLAN and Ethernet module									
7.0	DT322X220034Z240202F	No touch	1024*600	IPS	24-bit 16.7M colors	TTL/ RS232*2	8Pin_2.0mm	WLAN and RJ45 Ethernet interface*1	Supports H.264 encoded RTSP camera, supports 2 channel simultaneous display
	DT322X220034Z240202I	Capacitive touch							
	DT322X220034Z240202C	Resistive touch							

Note:

1.Supports H.264 encoded RTSP camera. Supports zooming function. Supports customization to achieve screen capture and screen video recording.

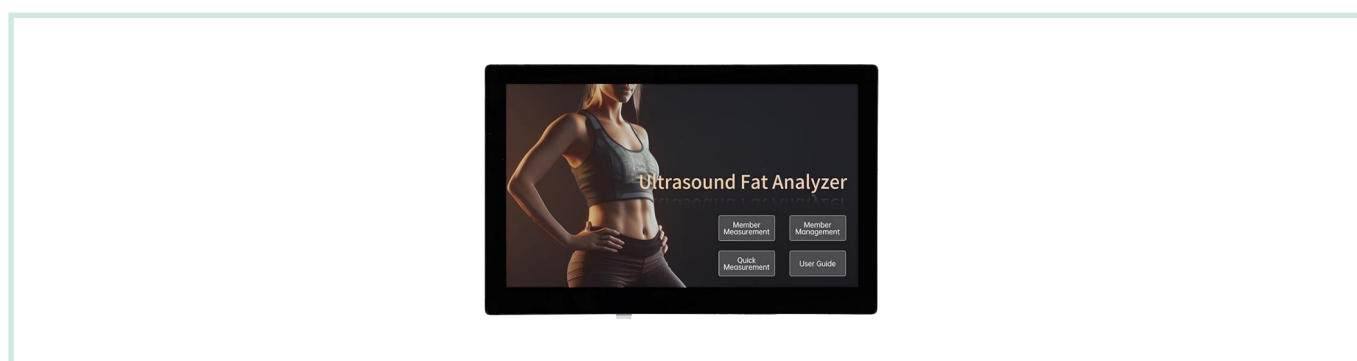
4.5 DT-ULTRASOUND FAT ANALYZER

- Multi-site automatic measurement and precision: Automatic measurement of the thighs, upper arms, waist and abdomen, with a precision of $\pm 1\text{mm}$.
- Convenient structural installation.

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	User interface	Operating temperature (°C)
15.6	DT420X240422Z241101A	1920*1080	IPS	Capacitive touch	250	8Pin_2.0mm	-10°C ~60°C (12V)

Note:

1.With ultrasound fat analyzer handle.



DT420X240422Z241101A

4.6 DT-ADVERTISING SCREEN

- Support U disk and SD card to store MP4 video files for video playback.(Supports up to store 64GB videos)
- Support Wi-Fi (2.4GHz, 5GHz) and 4G networking,
- Provide advertising screen system background management functions,and support remote background update video files.

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	User interface	Operating temperature (°C)
7.0	DT321X190020Z240101C	800*480	TN	Capacitive touch	250	8Pin_2.0mm	-20°C ~70°C (12V)
8.0	DT321X190020Z240101D	800*600	TN	Capacitive touch	300	8Pin_2.0mm	-20°C ~70°C (12V)
10.1	DT321X190020Z240101E	1024*600	IPS	Capacitive touch	200	8Pin_2.0mm	-20°C ~70°C (12V)
15.6	DT321X190020Z240101H	1920*1080	IPS	Capacitive touch	250	8Pin_2.0mm	-10°C ~60°C (12V)
18.5	DT321X190020Z240101I	1920*1080	IPS	Capacitive touch	200	8Pin_2.0mm	0°C ~50°C (15V)
21.5	DT321X190020Z240101J	1920*1080	IPS	Capacitive touch	200	8Pin_2.0mm	0°C ~50°C (15V)

Note:

1.Comes with 4G module and 2 WIFI antennas at the factory.

4.7 DT BEAUTY SCREEN

- Including Skin magnifying glass camera modules. Supports 5-megapixel and 1080P high-definition cameras for image capture. Generally used in skin cleaning, hair removal, head physiotherapy and other medical beauty equipment.
- The detection results can be uploaded to the cloud in real-time and can be viewed through the WeChat mini program.
- Video playback: Support built-in Flash, USB, SD card video reading and playback.

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	User interface	Operating temperature (°C)
8	DT321X190020Z240103N	800*600	TN	Capacitive touch	300	8Pin_2.0mm	20°C ~70°C (12V)
10.1	DT321X190020Z240103L	1024*600	IPS	Capacitive touch	200	8Pin_2.0mm	20°C ~70°C (12V)
10.4	DT321X190020Z240103K	1024*768	IPS	Capacitive touch	200	8Pin_2.0mm	20°C ~70°C (12V)
15.6	DT321X190020Z240103M	1920*1080	IPS	Capacitive touch	250	8Pin_2.0mm	20°C ~70°C (12V)

Note:

1.Single-channel digital camera USB interface. Supports MP4 format (≤ 720P) and allows for full-screen display customization of the camera.

Without accessories(WIFI antenna, USB camera module and USB magnifying camera).

4.8 DT-VENDING MACHINE SCREEN

- Onboard R11 module for video decoding, enabling WIFI/4G connectivity and audio/video playback functions.

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	User interface	Operating temperature (°C)
7.0	DT321X190020Z240104C	800*480	TN	Capacitive touch	250	8Pin_2.0mm	-20°C ~70°C (12V)
8.0	DT321X190020Z240104D	800*600	TN	Capacitive touch	300	8Pin_2.0mm	-20°C ~70°C (12V)
10.1	DT321X190020Z240104E	1024*600	IPS	Capacitive touch	200	8Pin_2.0mm	-20°C ~70°C (12V)
15.6	DT321X190020Z240104H	1920*1080	IPS	Capacitive touch	250	8Pin_2.0mm	-10°C ~60°C (12V)

Note:

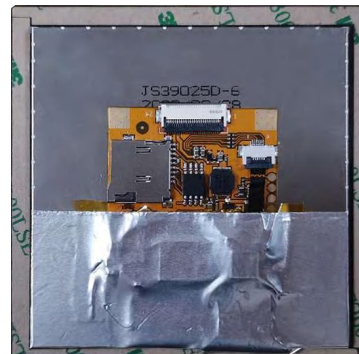
1.Vending machine screen comes with 4G module and 2 WIFI antennas at the factory.

2.The main difference with advertising screens is that their software is different.

5 .WALL-MOUNTED PANEL

5.1 COF Structure

Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Voltage	Remark
4	DMG48480F040_02WTCZ02	IPS	480*480	50nit	Capacitive	24Pin_0.5mm	4.5-5.5V	Integrated-black effect
4	TC48480C040_06WTC	IPS	480*480	250nit	Capacitive	40Pin_0.5mm	4.5-5.5V	
4	TC48480C040_06WTCZ01	IPS	480*480	200nit	Capacitive	40Pin_0.5mm	4.5-5.5V	
4	TC48480C040_06WTCZ03	IPS	480*480	250nit	Capacitive	40Pin_0.5mm	4.5-5.5V	
4	TC48480C040_07WN	IPS	480*480	300nit	Without touch	40Pin_0.5mm	4.5-5.5V	
4	DMG72720F040_01WTC	IPS	720*720	250nit	Capacitive	50Pin_0.5mm	4.5-5.5V	Black
4	DMG72720F040_01WTCZ01	IPS	720*720	250nit	Capacitive	50Pin_0.5mm	4.5-5.5V	White
4	DMG72720F040_01WTCZ02	IPS	720*720	50nit	Capacitive	50Pin_0.5mm	4.5-5.5V	Integrated-black effect



5.2 Wire Controller

Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Voltage	Remark
2.8	TR028C12U00	TN	320*240	300nit	Resistive	4Pin_2.54mm, RS485*1	6-36V	-
3.5	TC035C22U00/W00	TN	480*320	250nit	Capacitive	4Pin_2.54mm, RS485*1	5-15V	W00: Built-in DWIN WIFI-10 module
4	TC040C17U00/W00	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	W00: Built-in DWIN WIFI-10 module
4	TC040C17W00Z01	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	Built-in Tuya WBR3 module
4	TC040C17W00Z02	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	Built-in DWIN WIFI-10 module, Anti-interference version
4	TC040C17W00LXYY	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	Offline voice version
4	TC040C17G00	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	With a China Unicom eSIM

Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Voltage	Remark
4.1	TC041C12U00/W00	IPS	720*720	300nit	Capacitive	4Pin_2.0mm, RS485*1	6.5-36.5V	W00: Built-in DWIN WIFI-10 module
4.3	TC043C12U00/W00	TN	480*272	250nit	Capacitive	5Pin_5.08mm, RS485*1, RJ45*1	6-36V	W00: Built-in DWIN WIFI-10 module
7	TC070C22U00/W00	IPS	1024*600	250nit	Capacitive	4Pin_5.08mm, RS485*1	9-36V	W00: Built-in DWIN WIFI-10 module
7	TC070C42U00/W00	IPS	1024*600	50nit	Capacitive	4Pin_2.0mm, 2Pin_2.0mm, RS485*2	9-36V	Integrated-black effect, W00: Built-in Tuya WBR3 module
7	TC070C44W00	IPS	1024*600	50nit	Capacitive	4Pin_2.0mm, 2Pin_2.0mm, RS485*2	9-36V	Integrated-black effect, built-in Tuya WBR3 module, offline voice version
7	TC070C42G00	IPS	1024*600	50nit	Capacitive	4Pin_2.0mm, 2Pin_2.0mm, RS485*2	9-36V	Integrated-black effect, with 4G module and SIM card socket
7	TC070C44G00	IPS	1024*600	50nit	Capacitive	4Pin_2.0mm, 2Pin_2.0mm, RS485*2	9-36V	Integrated-black effect, with 4G module and SIM card socket, offline voice version

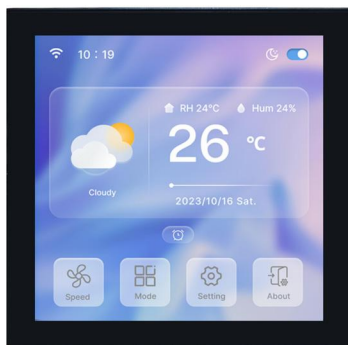


TR028C12U00

5.3 Thermostat

Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Voltage	Remark
2.8	TR028C11U00/W00	TN	320*240	300nit	Resistive	11Pin_5.08mm, 4Relay+RS485*1	220V	W00: Built-in DWIN WIFI-10 module
3.5	TC035C11U04/W04	TN-EWV	320*240	300nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
3.5	TC035C21U04/W04	TN-EWV	480*320	250nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
4	TC040C15U04	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	-
4	TC040C15W04	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	Built-in DWIN WIFI-10 module

Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Voltage	Remark
4	TC040C15W04Z01	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	Built-in Tuya WBR3 module
4	TC040C15W04Z02	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	Built-in DWIN WIFI-10 module
4	TC040C15G04	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	With a China Unicom eSIM
4.1	TC041C11U04/W04	IPS	720*720	250nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module



TC040C15U04

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.

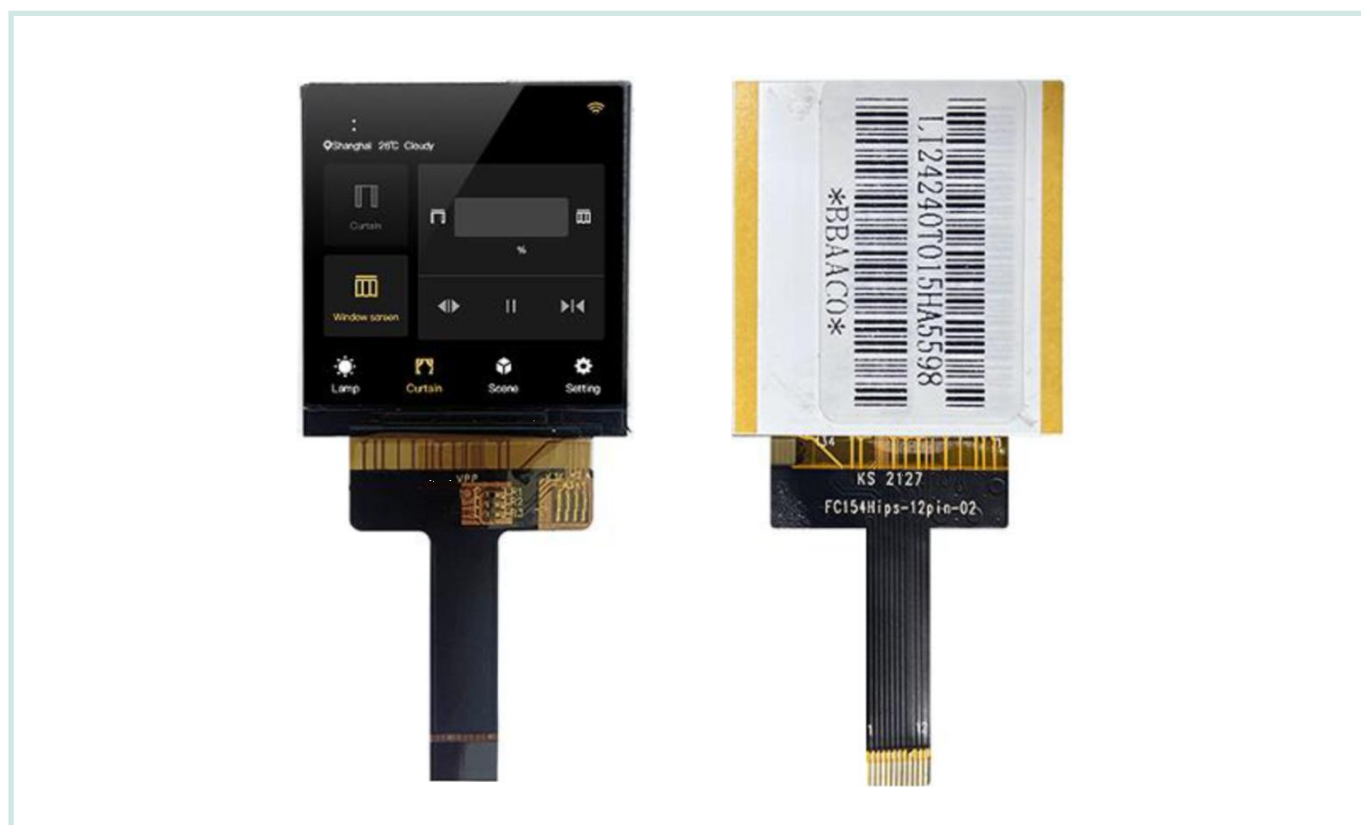
Customized service: luminance, high temperature, anti-glare, interface, cable length and cable shape etc.

Provide free technical support.

6.1 LCD PANEL

Size	Model NO.	LCD Type	Resolution	LCD Interface	Luminance cd/m ²	Active Area(mm)	LCD Outline(mm)	FPC length(mm)	FPC thickness(mm)	Voltage for LED	Driver IC
1.3	LI24240C013HA2098	IPS	240*240	RGB_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
2.4	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
4.1	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 ²	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	154.21×85.92	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
2.4	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
4.3	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)	Touch Controller	Interface	Lens Thickness (mm)	Sensor Thickness (mm)
CTP	2	TPC020T0001G01V1	G+G	30.60(L)×40.80(W)	36.00(L)×51.60(W)×1.63(T)	GT911	I2C	0.7	0.55
	2.4	TP024Z0001A	G+G	37.32(L)×49.56(W)	42.70(L)×60.10(W)×1.63(T)	GT911	I2C	0.7	0.55
	3.5	TPC035C0004G01V1	G+G	44.76(L)×75.00(W)	50.16(L)×86.3(W)×1.775(T)	GT911	I2C	0.7	0.7
	4.3	TPC043Z0001G01V1	G+G	56.56(L)×94.00(W)	67.00(L)×105.20(W)×1.78(T)	GT911	I2C	0.7	0.7
	5	GME0831B	G+G	108.60(L)×65.40(W)	119.25(L)×77.03(W)×1.98(T)	GT911	I2C	1.1	0.55
	7	TPC070T0050G01V1	G+G	154.08(L)×85.92(W)	164.6(L)×99.7(W)×1.6(T)	GT911	I2C	0.7	0.7
		TPC070T0004G01V3	G+G	154.0(L)×86.0(W)	186.5(L)×119.5(W)×2.0(T)	GT911	I2C	1.1	0.7
	8	TPC080Z0009G01V1	G+G	122.2(L)×162.6(W)	141(L)×183(W)×1.6(T)	GT911	I2C	0.7	0.7
	9.7	TPC097T0002G01V1	G+G	198.21(L)×149.06(W)	210.2(L)×164.3(W)×1.3(T)	GT9110H	I2C	0.7	0.4
	10.1	TPC101T0001G01V1	G+G	134.36(L)×214.98(W)	144.1(L)×229.7(W)×1.78(T)	GT9110	I2C	0.7	0.7
	10.4	TPC104T0008G01V1	G+G	211.70(L)×158.90(W)	228.0(L)×174.4(W)×1.6(T)	GT9110H	I2C	0.7	0.7
	15.6	TPC156T0001G01V1	G+G	343.23(L)×192.54(W)	358.5(L)×205.5(W)×2.9(T)	GT9110	I2C	1.1	1.1

* 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
ADA150K050S001A	Wall Mounted	15W	100-240VAC	DC5V	3000mA	82	6000	0.075W	Nature Air Cooling	-40~+70/ -40~+85	70*47*48	EN60601-1/ CLASS II/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
ADA540K180S001B	Desktop	54W	100-240VAC	DC18V	3000mA	89	/	0.2W	Nature Air Cooling	-10~+40/ -20~+85	126*50*30	EN60601-1/ CLASSII/CE
ADA720K240S001B	Desktop	72W	100-240VAC	DC24V	3000mA	89	/	0.2W	Nature Air Cooling	-10~+50/ -20~+85	133*58*30	EN60601-1/ CLASSII/CE
ADA720K480S001B	Desktop	72W	100-240VAC	DC48V	1500mA	88	7000	0.075W	Nature Air Cooling	-40~+70/ -40~+85	126*50*30	EN60601-1/ CLASS II/CE

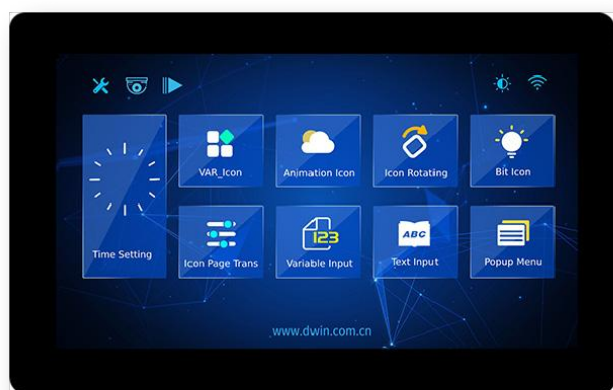


For more details please kindly refer to: <Switching Power Catalog>

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 utilizes three T5L2 chips, simplifying hardware and enhancing product stability.

2K DGUS LCD module maintains structural compatibility with older models of the same size, facilitating easy replacement and upgrades.

Customizable FSK bus camera and speaker interfaces enable users to quickly implement multimedia functions without the need for coding.

The standard product includes 32MBytes of Flash and a memory expansion slot, expandable up to 48MBytes + 512MBytes, offering 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	

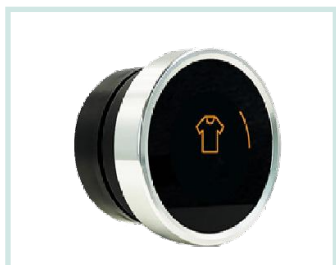
- Customization tailored for advertising application:

Model	Size	Resolution	LCD Type	Touch Panel	Operating Temperature (°C)
DT321X190020Z240101H	15.6 inch	1920*1080	IPS	Capacitive	-10~60
DT321X190020Z240101I	18.5 inch	1920*1080	IPS	Capacitive	0~50
DT321X190020Z240101J	21.5 inch	1920*1080	IPS	Capacitive	0~50

1. Supports smooth MP4 video decoding, enabling the DGUS screen to easily play videos.
2. Supports Wi-Fi (2.4G, 5G) and 4G connectivity, allowing remote backend video file updates and remote backend advertisement video playback settings.
3. Provides a cloud management platform with three-tier accounts: Device vendor accounts can assign devices to brand owners; brand owner accounts can manage videos (remote updates, set playback rules), create video groups, and create and activate operator accounts; operator accounts can manage videos.

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.



Rotary Encoder Displays



COB Structure



COF Structure

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.

Categories	Model	Size (inch)	Resolution	Brightness (nit)	Flash	Operating Voltage (V)	Operating Temperature (°C)	User interface
Rotary Encoder Displays	DMG24240C013_13WN	1.28	240*240	400	16MB	4.5~5.5	-20~70	4Pin_2.0mm
	DMG24240C015_13WN	1.54	240*240	300	16MB	4.5~5.5	-20~70	6Pin_2.0mm
	DMG40400C016_13WNZ154	1.6	400*400	300	16MB	4.5~5.5	-20~70	6Pin_2.0mm
	DMG48480C021_13WTC	2.1	480*480	350	16MB	4.5~5.5	-20~70	6Pin_2.0mm
COF Structure	DMG40400F016_06WN	1.6	400*400	300	16MB	4.5~5.5	-10~60	10Pin_1.0mm
	DMG40400F016_06WTC	1.6	400*400	250	16MB	4.5~5.5	-10~60	10Pin_1.0mm
	DMG40400F016_06WTCZ01	1.6	400*400	250	16MB	4.5~5.5	-10~60	10Pin_1.0mm
	DMG40400F016_06WTCZ02	1.6	400*400	50	16MB	4.5~5.5	-10~60	10Pin_1.0mm
	DMG48480F021_01WN	2.1	480*480	400	8MB	3.6~5.5	-10~60	50Pin_0.5mm
	DMG48480F021_01WTC	2.1	480*480	350	8MB	3.6~5.5	-10~60	50Pin_0.5mm
	DMG48480F021_01WTCZ01	2.1	480*480	350	8MB	3.6~5.5	-10~60	50Pin_0.5mm
	DMG48480F021_01WTCZ02	2.1	480*480	50	8MB	3.6~5.5	-10~60	50Pin_0.5mm
COB Structure	DMG24240C013_03WN	1.3	240*240	200	16MB	4.5~5.5	-10~60	10Pin_1.0mm
	DMG24240C013_03WTC	1.3	240*240	150	16MB	4.5~5.5	-10~60	10Pin_1.0mm
	DMG40400C016_03WTC	1.6	400*400	250	16MB	4.5~5.5	-20~70	10Pin_1.0mm
	DMG48480C021_02WN	2.1	480*480	400	16MB	4.5~5.5	-20~70	10Pin_1.0mm
	DMG48480C021_02WTC	2.1	480*480	350	16MB	4.5~5.5	-20~70	10Pin_1.0mm
	DMG48480C021_03WN	2.1	480*480	400	16MB	4.5~5.5	-20~70	10Pin_1.0mm
	DMG48480C021_03WTC	2.1	480*480	350	16MB	4.5~5.5	-20~70	10Pin_1.0mm
	DMG48480C028_03WN	2.8	480*480	300	16MB	4.5~5.5	-20~70	10Pin_1.0mm
	DMG48480C028_03WTC	2.8	480*480	300	16MB	4.5~5.5	-20~70	10Pin_1.0mm

8.3 LCD MODULE WITH HDMI OR LVDS INTERFACE

Features

Video playback supports 1080p and the most advanced digital audio formats such as DVD audio.

Transmit uncompressed high-resolution video and multi-channel, audio data in digital form at high speed.

Support the “plug and play” function. The signal source and display device will automatically “negotiate” to select the most suitable video/audio format.

The connector uses length-independent single-wire connection, replacing complex cables.

Support wideband digital content protection to prevent unauthorized copying of video.

Support Linux, Android, and Windows OS, such as Raspberry Pi.

Specification



Model		HDW070_004L	HDW070_005L	HDW101_A5001L	HDW104_001RTD	HDW215_002L
Display	Size(inch)	7.0	7.0	10.1	10.4	21.5
	LCD Type	TN	TN	IPS	IPS	IPS
	Colour	16.7M,24 bit	16.7M,24 bit	16.7M,24 bit	16.7M,24 bit	16.7M,24 bit
	Active Area(mm)	154.1 (W) ×85.9 (H)	154.08 (W)×85.92 (H)	222.70(W)×125.30(H)	211.2(W)×158.4(H)	268.46(W)×476.80(H)
	Resolution	800*480	800*480	1024*600	1024*768	1920*1080
	Brightness(nit)	500	900, With auto-adjusting backlight levels	450	300	300
	Ratio	16:9	16:9	16:9	16:9	16:9
Development	Communication	LVDS, DVI-I interface	LVDS, DVI-I interface	HDMI interface	HDMI interface, VGA interface	HDMI interface, VGA interface
Safety	Safety Protection	ESD Air: ±8KV; Contact: ±6KV EFT: ±2KV	ESD Air: ±8KV; Contact: ±6KV EFT: ±2KV	ESD Air: ±8KV; Contact: ±6KV EFT: ±2KV	ESD Air: ±8KV; Contact: ±6KV EFT: ±2KV	ESD Air: ±8KV; Contact: ±6KV EFT: ±2KV
	Special Protection	Anti-UV, conformal coating & IP65 front waterproof	Anti-UV (F1 grade) & conformal coating	IP65 Front waterproof	/	/
Environment	Work Temperature(°C)	-20~70° C (5V @ 60% RH)	-20~70° C (5V @ 60% RH)	-20~70° C (12V @ 60% RH)	-20~70° C (12V @ 60% RH)	0~50°C (220V @ 60% RH)
	Voltage(V)	4.6~6	3.6~6	7~36	9~30	220V (AC)
	Work Voltage(mA)	760	660	460	480	320
Touch Panel Type		RTP	CTP	CTP	CTP	CTP
Peripheral		/	/	USB interface (TP extended)	Speaker USB interface (touch panel extended)	Audio interface, USB interface (touch panel extended)
Function						

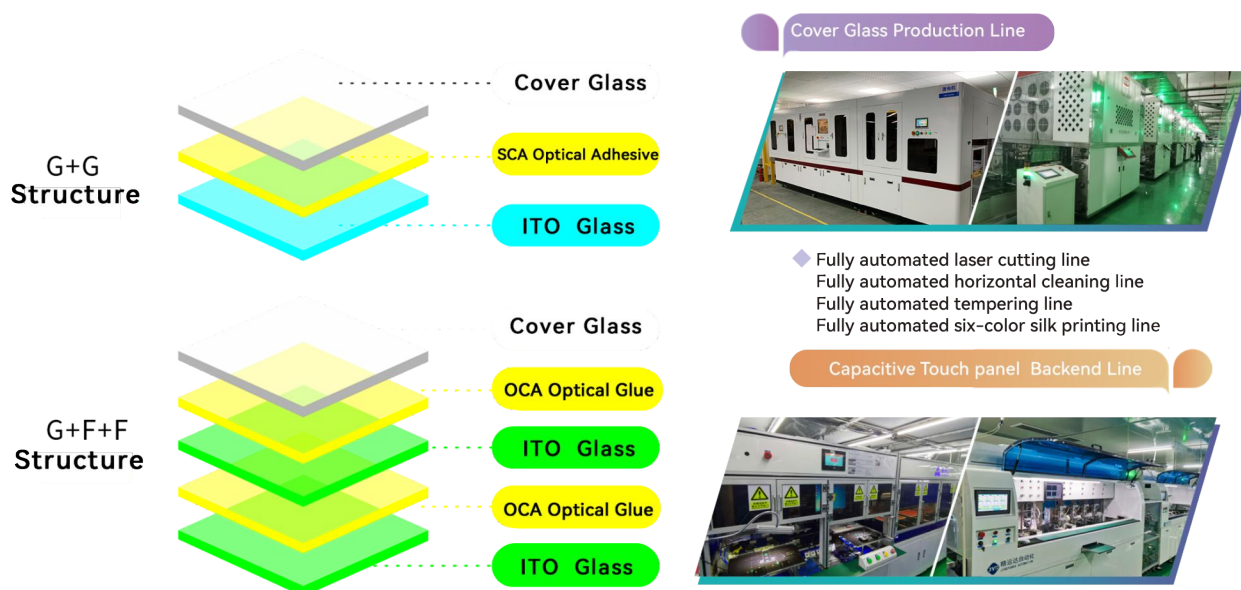
Specification



Model		HDW070_005LGW	HDW070_005LGWS	HDW070_005LZ15
Display	Size(inch)	7.0	7.0	7.0
	LCD Type	TN	TN	TN
	Colour	16.7M,24 bit	16.7M,24 bit	16.7M,24 bit
	Active Area(mm)	155.08(W)×86.92(H)	155.08(W)×86.92(H)	154.08 (W)×85.92 (H)
	Resolution	800*480	800*480	800*480
	Brightness(nit)	900, With auto-adjusting backlight levels	900, With auto-adjusting backlight levels	900
	Ratio	16:9	16:9	16:9
Development	Communication	LVDS, DVI-I interface	LVDS, DVI-I interface	LVDS, DVI-I interface
Safety	Safety Protection	RS: 80M-960M 10V/m A-grade, 1.4G-6G 3V/m A-grade, ESD Air: ±8KV, Contact: ±6KV, EFT: ±2KV, PFMF 30A/m 50Hz A-grade, CE 0.15-80M 10Vrms A-grade		
Peripheral	Special Protection	Anti-UV (F1 grade), salt spray proofing & conformal coating	Anti-UV, salt spray proofing & conformal coating	Anti-UV, salt spray proofing & conformal coating
Environment	Work Temperature(°C)	-20~70°C (5V@ 60% RH)	-20~70°C (5V@ 60% RH)	-20~70°C (5V@ 60% RH)
	Voltage(V)	3.6-6	3.6-6	3.6-6
	Work Voltage(mA)	660	660	1200
Touch Panel Type		CTP	CTP	CTP
Function/Features		Speaker, LED light, card swiping module	Speaker, double row LED light, card swiping module	Circular glass cover, card swiping module

8.4 DWIN TOUCH PANEL AND CUSTOMIZATION

DWIN invested US\$16 million to build a laser production line for cover glass. The glass cutting, printing, bonding and lamination are all operated in DWIN Science Park, reducing transit workload and improving yield and efficiency.



Customized Content



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.

8.5 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



8.6 DWIN LCD MODULE WITH OS SYSTEM



Android

Support APK installation & OS customization
Debian and Google service optional
Enclosure customization
5"/7"/8"/10.1"/10.4"/15"/15.6"
Quad-core ARM, processor clock speed of 1.8GHz
Rockchip RK3566
Android 11

Linux

QT and LVGL development optional
With enclosure
5"/7"/8"/9.7"/10.1"/15"
Allwinner T113
Rockchip RK3566
Linux3.1/4.19/5.4

HMI

DWIN self-designed software
With enclosure
5"/7"/8"/9.7"/10.1"
Allwinner T113
Linux3.1/5.4



Vending Machine



Power Control System



Medical Machine

8.7 DWIN COF LCD MODULE

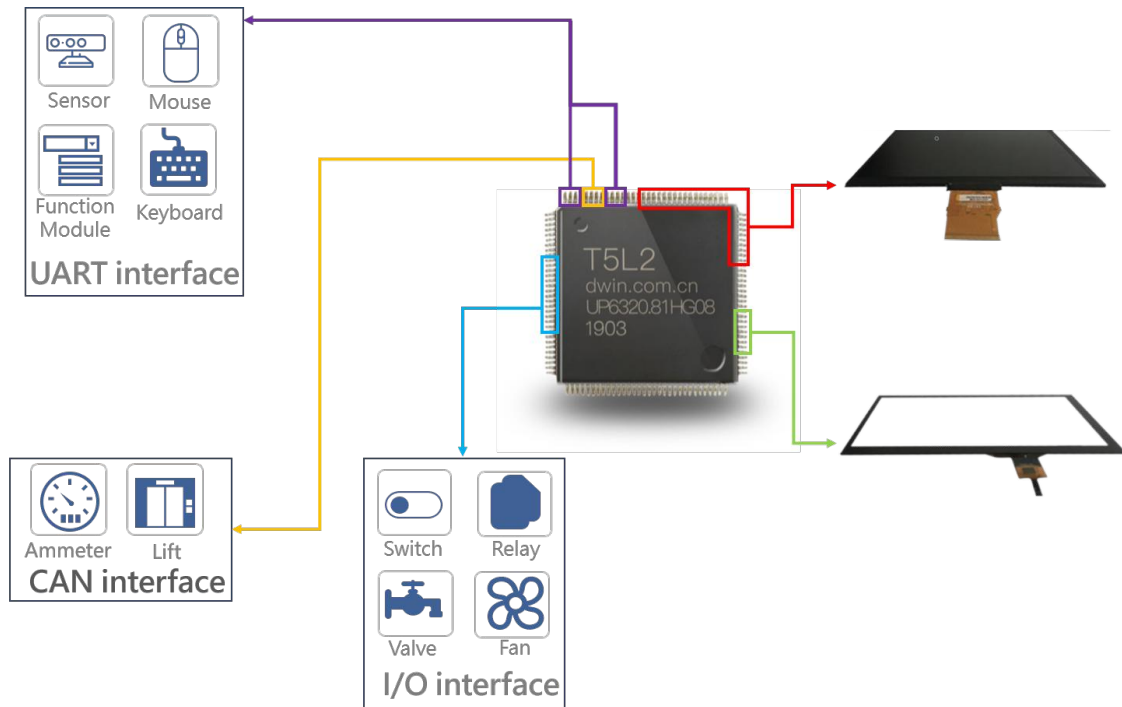


- COF structure for a sleek, lightweight design with simplified production
- Unlock endless possibilities with UI customization using the DUGS platform's zero-code rapid development
- Seamlessly integrate with your main control development through convenient wiring options and support for various interfaces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

8.8 “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

8.9 THERMOSTAT SOLUTION

Thermostat



Thermostat for Entry-Level Applications (Without 485 Interface):

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.

485 Interface Thermostat with Reserved Communication Interface:

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.

Wire Controller



Wire Controller for Diverse Applications:

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.

Effortless Installation with Innovative Design:

DWIN's new wire controller features a specially designed structure.

Built-in mounting plate ensures easy and hassle-free installation in various application scenarios.

Fresh Air Units



Optimal Control for Fresh Air Units:

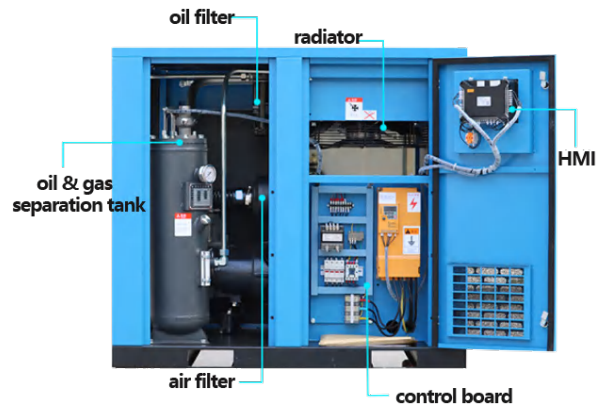
Specifically designed for controlling fresh air units, providing efficient and reliable operation.

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.

8.10 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.





Official Website



Linkedin



Alibaba



YouTube

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Hunan DWIN Technology Co., Ltd.

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Manufacturing : No. 8, Chuangye Avenue, Zhangjiang Entrepreneurship Park, Taoyuan County, Changde City, Hunan Province

Changsha Branch : 33rd Floor, North Tower, Jinmao Plaza, 1177 Huangpu Road, Meixihu, Yuelu District, Changsha City

Shenzhen Branch : Room 3810, Block A, Zhongguan Times Plaza, No. 4168 Liuxian Avenue, Nanshan District, Shenzhen

Guangzhou Branch : Units 1204-1207, Block B3, Times E-park, Hanxi Avenue East, Panyu District, Guangzhou

Suzhou Branch : Rooms 1906-1907, 19th Floor, Block A, Suzhou World Trade Center, No. 1588 Suzhan Road, Gusu District, Suzhou City

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Nanjing Office : Room 1623, Building F1, Greenland Window Business Plaza, No. 12 Jinlan Road, Jiangning District, Nanjing

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