

Product Catalog

ASIC + The Whole Industry Chain HMI Solutions

Make UI Design Easier



Company Profile



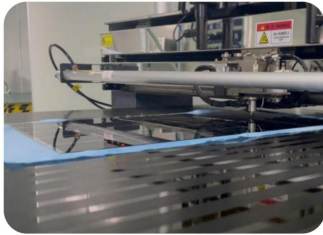
DWIN Technology, established in 2003, is a high-tech enterprise dedicated to HMI products and solutions. DWIN, leveraging its solid foundation in IC design, has focused on innovative research and development of UART screen applications and has successfully achieved a high degree of integration across the entire industry chain.

DWIN's headquarters is located in Zhongguancun, Beijing. The company includes 2 core enterprises, 5 subsidiaries, 9 domestic branches, and 39 overseas service points. DWIN has served nearly 60,000 customers, with a service network that spans the globe. Guided by our business philosophy of "Achieve Double Win, Grow Together", DWIN Technology constantly innovates, creating continuous value for our customers.

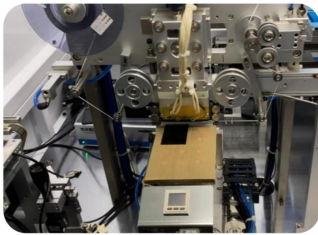


Production Line

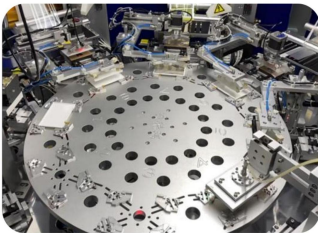
LCM



LCD Panel Cutting



FOG

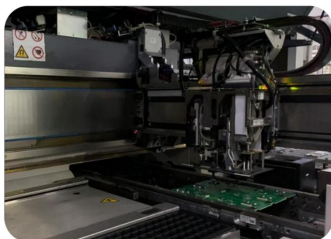


Backlight



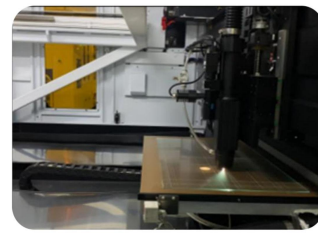
LCM Aging

SMT

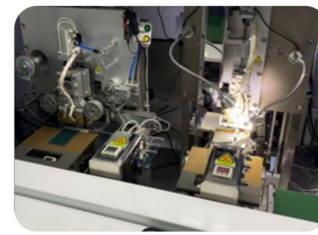


High-speed Pick & Place Machine

CTP



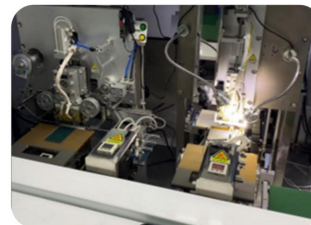
Automatic Glass Cutting



CNC



Silk Printing



FPC Bonding

Metal



Laser Machine Cutting

Customization



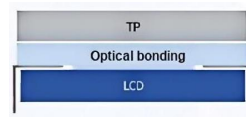
Shape



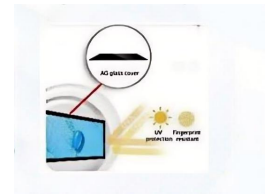
Logo



Size



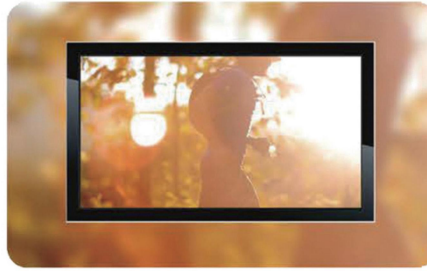
Process



Protection



Extra-wide Working Temperature Range
(-40°C to 85°C)



High Brightness (Up to 1500 nit)



Excellent Visibility in Direct Sunlight (with
UV Protection and Anti-glare Design)



High Temperature and High Humidity
Resistance (60°C/90%RH)



Anti-electromagnetic Interference



Impact Protection Rating (IK10)



Resistance to Salt Spray Corrosion

At DWIN Technology, we go far beyond standard offerings to deliver the perfect touchscreen and display solutions for your environment.

Our comprehensive customization scope covers every detail, from shape, size, and Logo integration to advanced engineering processes like optical bonding.

We build displays for extreme reliability, offering features like an extra-wide working temperature range (-40°C to 85°C), high brightness (up to 1500 nit) with excellent visibility in direct sunlight, and superior protection.

Whether you need high temperature and high humidity resistance, robust impact protection (IK10), anti-electromagnetic Interference, or resistance to salt spray corrosion, DWIN Technology ensures your display is rugged, visible, and precisely tailored to perform under the required condition.

Contents

1 UART Screen	7
1.1 Product Introduction	7
1.1.1 Naming Rule	7
1.1.2 Application Grade	8
1.1.3 Related Acronym Explanation	9
1.2 Model Selection	12
2 System Screen	36
2.1 Product Classification	36
2.2 Model Selection	37
2.2.1 31 Series (RK3566 Android Screen with Enclosure)	37
2.2.2 32 Series (RK5666 Android Screen)	38
2.2.3 35 Series (Allwinner A40I Linux Screen)	39
2.2.4 36 Series (Allwinner T113-S3 Linux Screen)	40
2.2.5 40 Series (RK3566 Linux Screen)	41
2.2.6 43 Series (RK3566 Linux Screen with Enclosure)	42
3 Video Screen	43
3.1 Product Classification	43
3.2 Model Selection	45
3.2.1 26 Series FSK BUS Camera Screen	45
3.2.2 41 Series Digital Video Screen	47
3.2.3 DT Series Analog Camera Screen	48
3.2.4 DT Series Web Camera Screen	49
3.2.5 DT Series Advertising Screen	50
3.2.6 DT Series Beauty Screen	51
3.2.7 DT Series Ultrasound Fat Analyzer	52
3.2.8 DT Series Remote Control Screen	52
3.2.9 DT Series Gesture Recognition Screen	53
3.2.10 DT Series Vending Machine Screen	54
4 Wall-mounted Panel	55
4.1 Product Classification	55
4.2 Model Selection	56
4.2.1 COF Structure	56
4.2.2 Wire Controller	57
4.2.3 Thermostat	59
4.2.4 Fresh Air Controller	60
4.2.4 ComfortOrigin Series	60
5 HDW-series Screen	61
5.1 HDMI Screen	61
5.2 LVDS Screen	63
5.3 DP Screen	63
6 LCD Panel & Touch Panel	64
6.1 TFT LCD	64
6.2 TFT LCD with TP (Touch Panel)	66
6.3 Touch Panel	68
6.3.1 Capacitive Touch Panel	68

6.3.2 Resistive Touch Panel	69
7 Switching Power	70
7.1 AC-DC Power Module	70
7.2 Wall-mounted Power Adapter	70
7.3 Desktop Power Adapter	71
8 Air Compressor	72
9 Screens with Special Features	73
9.1 Circular UART Screen	73
9.2 Bar-type UART Screen	75
9.3 2K HD LCD Module	76
9.3.1 2K HD UART Screen	76
9.3.2 2K HD Video Screen	77
9.4 COF UART Screen	78
10 Industrial Applications	79
10.1 Skin Analysis Solution	79
10.2 Smart Nursing Call System Solution	80
10.3 Medical Aesthetics Application Solution	81
10.4 Ultrasound Solution	81

1 UART Screen

1.1 Product Introduction

1.1.1 Naming Rule

Code	Attribute	Description			
DM	Product code	Smart screen production line.			
G	Color code	T = 65K Color (16-bit); G = 16.7M/262K Color (24-bit/18-bit)			
80480	Resolution	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	Application Grade	L = Consumer Grade		K = Medical Grade	
		C = Commercial Grade		T = Industrial Grade	
		S = Harsh Environment Application		F = COF Structure	
070	Size	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	125=12.5 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	"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	Hardware ID: 1-9 to distinguish between different hardware versions			
W	Working Temperature	W = wide temperature; N = normal temperature			
T	Touch Panel Type	"N": Without Touch Panel "T": Touch Panel "R": Resistance Touch Panel "C": Capacitive Touch Panel			
Z+Number	Custom Tag	Z01-Z99, Z**=ODM Product, ** means 01-99, standard is blank			
F+Number	Extended Memory	Extended Memory Mark: F0=512MB, F1=1GB, F2=2GB F3=3GB, standard is blank			

1.1.2 Application Grade

Application Grade	Explanation
Consumer Grade (L)	The backlight LED life (maximum brightness continuous work, brightness half time) is 10,000 hours. The LCD or touch screen may be damaged if it is used outdoors for a long time. There are no specific requirements for the screen defect rate or the number of dead pixels.
Commercial Grade (C)	Long-time outdoor use is not supported. LED lifetime is more or less than 10,000 hours.
Industrial Grade (T)	Outdoor use is supported. LED lifetime is about 30,000 hours. The LCDs produced in the factory will have 15-30 days of aging test.
Medical Grade (K)	Outdoor use is supported. LED lifetime is about 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 Grade (S)	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 (F)	COF is the best choice for customers who are dedicated to simple application products with the features of light and structure, low cost and easy production.

1.1.3 Related Acronym 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.
LCD Type	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 Type	R4	4-wire RTP
	R4AV	4-wire RTP with anti-glare and anti-UV, suitable for outdoor use.
	R5	5-wire RTP
	R5AV	5-wire RTP with anti-glare and anti-UV, 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).
	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).

Type	Abbreviation	Description
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 ESK interface protection, and a maximum rate of 250kbps.
	TTL/232	3.3V-5V level compatible with TTL/CMOS/RS232 full-duplex UART interface, TTL (in-phase) or 232 (reverse) mode can be selected for each line, the maximum rate is 16Mbps.
	485	A half-duplex UART interface that meets EIA485-A level specifications, 15KV ESD interface protection, and a maximum rate of 10Mbps.
	232/485	A serial port provides RS232 and RS485 but cannot be used simultaneously.
Development mode	TA	DWIN serial port instruction set UI development mode, typical operating platforms include M100/M600/K600/H600/K600+/T5UIC2, among which the L series supports high-quality music playback.
	TC	Condensed version of DWIN instruction set development mode (T5UIC1/C4) composed of a single T5 CPU.
	DGUS	DGUS UI development mode based on K600+ kernel, UI refresh cycle 200ms, support non-real-time DWIN OS.
	DGUSL	The high score simplified version of DDUS UI development mode running on T5 CPU does not support DWIN OS (T5UIC3 platform).
	DGUS II	DGUS UI development model based on DWIN T5/T5L CPU, UI refresh cycle 16-60mS, high-quality music playback, DWIN OS real-time operation, typical platforms include T5UID1/D2/D3/T5L.
User interface	10P10F	10Pin 1.0mm, FCC interface
	40P05F	40Pin 0.5mm, FCC interface
	50P05F	50Pin 0.5mm, FCC interface
	6P25P	6Pin 2.54mm, straight plug socket
	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

DWIN ASICs Roadmap

Our self-design, dedicated ASICs are utilized across numerous Human-Machine Interface (HMI) applications, such as UART screen solutions, touch control, and high-precision digital signal processing, etc. Thanks to their flexible integration and robust architecture, DWINHMI ASICs serve as the foundation for high-performance and highly cost-effective all-in-one display control solutions.

T5 Series

The T5 series features versatile chips supporting various resolutions and diverse UI functionalities. Incorporating high-speed graphics processing, JPEG hardware decoding, touch control, and audio playback. These chips offer easy integration, streamlined development, high performance, and a budget-friendly price, leading to their widespread adoption.

TPS Series

TPS series is a peripheral processor designed for high-precision digital signal and analog signal processing. It is well-suited for touch control interfaces, high-precision instrumentation, communication signal conversion, and similar functions.

	T5 Series				TPS Series
Mass Production	T5 2017 TSMC 40nm A dedicated HMI chip for small & medium-sized displays Resolution up to 1366*768	T5L1 2019, HLMC 55nm A dedicated HMI chip for small & medium-sized displays Resolution up to 1366*768	T5L0 2020 HLMC 40nm A dedicated HMI chip for small & medium-sized displays Resolution up to 1024*768	T5F0 2024 HLMC40nm Supporting abundant UI elements like vector font libraries Resolution up to 800*600	TPS04 2024 HLMC 40nm A dedicated chip for capacitive touch panel with superior electromagnetic interference (EMI) immunity and support for accidental touch prevention from water droplets
		T5L2 2019 HLMC 40nm dedicated chip for large-sized LCD displays and HMI solutions, Resolution up to 1920x1080 (2K)	T5L0_Q88 2023 HLMC 40nm Built upon T5L0, the OS core hardware interface has been reduced, the GUI core performance remains		
Verification	T5L3 Supports multi-media functions	T5G Supports 4K HD streaming function		T5F2 Supports HD video streaming function	TPS05 Supports various interface expansions

DWIN Screen Size Selection

1.3	1.4	1.5	1.6	1.66	2.0	2.1	2.2	2.3	2.4	2.7	2.8	3.0	3.2	3.3	3.4	3.5	3.6	3.7
240*240	240*240	240*240	400*400	428*142	320*240	480*480	240*320	320*240	320*240	960*240	320*240	360*640	376*960	320*320	1920*1080	320*240	544*506	960*240
											480*480					240*320		
																320*480		
																480*640		
																640*480		
																480*800		
4.0	4.1	4.3	4.5	4.6	4.7	5.0	5.5	5.6	5.7	6.0	6.5	6.8	6.9	7.0	7.4	7.8	8.0	8.4
480*480	720*720	480*272	1920*1080	960*320	480*270	480*272	720*1080	640*480	320*240	1920*1080	640*480	1280*480	1424*280	800*480	1280*400	1280*400	800*480	800*600
720*720		800*480				640*480	1920*1080		640*480					800*600			800*600	
800*480		1920*1080				800*480								1024*600			1024*600	
960*400						854*480								1280*800			1024*768	
1920*1080						1280*720								800*1280			1280*720	
						1080*1080								280*1424			1280*800	
						1920*1080								1920*1200				
8.8	9.7	10.1	10.4	11.3	11.6	12.1	12.3	13.3	14.0	15.0	15.6	17.0	17.3	18.5	19.0	21.3	21.5	
1920*480	1024*768	1024*600	800*600	1920*440	1920*1080	800*600	1920*720	1920*1080	1920*1080	1024*768	1366*768	1280*1024	1920*1080	1366*768	1280*1024	1600*1200	1920*1080	
		1280*720	1024*768			1024*768				1600*1200	1920*1080			1920*1080				
		1280*800	1600*720			1280*800												
		1200*1920																
		1920*1080																

1.2 Model Selection

1.3 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG24240F013_03WN	1.3	240*240	IPS	—	350	4.5-5.5	TTL*1	4Pin_1.0mm
COF	DMG24240F013_05WN	1.3	240*240	IPS	—	250	4.5-5.5	TTL*1	20Pin_0.5mm
Commercial	DMG24240C013_03W	1.3	240*240	IPS	GFF	150,200	4.5-5.5	TTL*2	10P10F



DMG24240F013_03WN



DMG24240C013_03W

1.3 Inch **with enclosure**

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG24240C013_13WN	1.3	240*240	IPS	—	400	4.5-5.5	TTL	4P20F
Commercial	DMG24240C013_13WNZK1	1.3	240*240	IPS	—	300	4.5-5.5	TTL	4P20F
Commercial	DMG24240C013_13WNZK2	1.3	240*240	IPS	—	300	4.5-5.5	TTL	4P20F



DMG24240C013_13WN

1.54 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG24240C015_03W	1.54	240*240	IPS	CG	250,300	4.5-5.5	TTL*2	10P10F



DMG24240C015_03W

1.54 Inch with enclosure

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG24240C015_13WN	1.54	240*240	IPS	—	—	4.5-5.5	TTL	6P20F



DMG24240C015_13WN

1.6 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG14428F016_05WN	1.6	142*428	IPS	—	400	4.5-5.5	TTL*1	20Pin_0.5mm
COF	DMG40400F016_06W	1.6	400*400	IPS	GFF	50,250,300	4.5-5.5	TTL*2	10Pin_1.0mm
Commercial	DMG40400C016_03W	1.6	400*400	IPS	GFF	250,300	4.5-5.5	TTL*2	10P10F



DMG40400C016_03WTC



DMG40400F016_06W



1.6 Inch with enclosure

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG40400C016_13WNZ154	1.6	400×400	IPS	—	300	4.5-5.5	TTL	6P20F



DMG40400C016_13WNZ154



2.0 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG32240F020_05WN	2.0	240*320	IPS	—	300	3.3-5.5	TTL*1	20Pin_0.5mm
Commercial	DMG32240C020_03W	2.0	240*320	IPS	R4/CG	300,350	4.5-5.5	TTL*2	10P10F



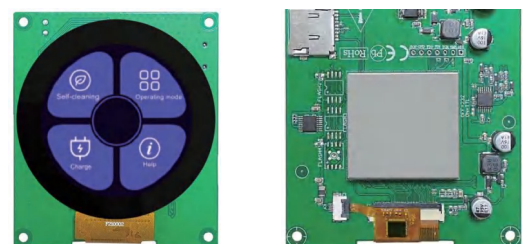
DMG32240C020_03W

2.1 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG48480F021_01W	2.1	480*480	IPS	GFF	50,350,400	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG48480F021_01WTCZG2	2.1	480*480	IPS	GFF	300	4.5-5.5	TTL*3	50Pin_0.5mm
COF	DMG48480F021_05WN	2.1	480*480	IPS	—	300	4.5-5.5	TTL*1	20Pin_0.5mm
COF	DMG48480F021_06W	2.1	480*480	IPS	GFF	100,350,400	4.5-5.5	TTL*2	10Pin_1.0mm
COF	DMG48480F021_18WTC	2.1	480*480	IPS	GFF	300	4.5-5.5	TTL/RS232	4Pin_2.0mm
Commercial	DMG48480C021_02W	2.1	480*480	IPS	GFF	350,400	4.5-5.5	TTL/232	10P10F
Commercial	DMG48480C021_03W	2.1	480*480	IPS	GF	350,400	4.5-5.5	TTL/232	10P10F
Commercial	DMG48480C021_04W	2.1	480*480	IPS	GFF	350	4.5-5.5	TTL/232	10P10F
Commercial	DMG48480C021_18WTC	2.1	480*480	IPS	GFF	350	4.5-5.5	TTL/232	10P10F



DMG48480F021_05WN



DMG48480C021_03W

2.1 Inch with enclosure

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG48480C021_13WTC	2.1	480*480	IPS	GFF	350	4.5-5.5	TTL	6P20F
Commercial	DMG48480C021_12WTC	2.1	480*480	IPS	GFF	350	4.5-5.5	TTL	6P20F



DMG48480C021_13WTC

2.4 Inch

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



DMG32240C024_03W

2.8 Inch

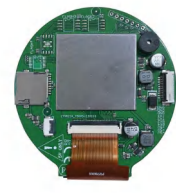
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG32240F028_01W	2.8	240*320	TN	R4/CG	300,350	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG32240F028_02W	2.8	240*320	TN	R4	300,350	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG32240F028_05WN	2.8	240*320	TN	—	350	4.5-5.5	TTL*1	20Pin_0.5mm
Commercial	DMG32240C028_03W	2.8	240*320	TN	R4/CG	250,300	4.5-5.5	TTL*2	10P10F
Commercial	DMG48480C028_03W	2.8	480*480	IPS	GFF	300	4.5-5.5	TTL/232	10P10F



DMG32240C028_03W



DMG48480C028_03WN



3.0 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Industrial	DMG64360T030_01W	3.0	360*640	IPS	R4/CG	250,300	4.5-5.5	TTL/232	10P10F
Medical	DMG64360K030_01W	3.0	360*640	IPS	R4/CG	250,300	4.5-5.5	TTL/232	10P10F

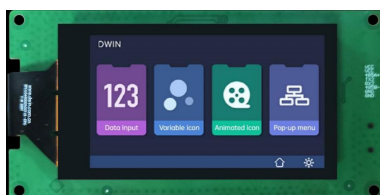


DMG64360K030_01W

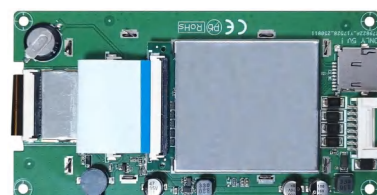


3.4 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG19108T034_05W	3.4	1908*1080	IPS	R4/CG	400,450,500	4.5-5.5	232*1+485*1	8P20P

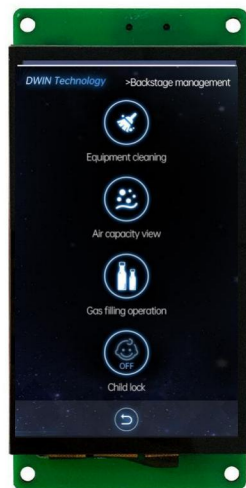


DMG19108T034_05W



3.5 Inch

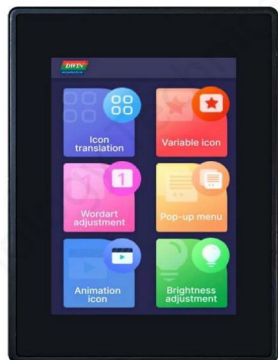
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG32240F035_01W	3.5	320*240	IPS	R4/CG	100,150,200,250	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG48320F035_01W	3.5	320*480	IPS	R4/CG	50,200,250,300	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG48320F035_04WN	3.5	320*480	IPS	—	250	4.5-5.5	TTL*1	4Pin_1.0mm
COF	DMG48320F035_05WN	3.5	320*480	IPS	—	200	4.5-5.5	TTL*1	20Pin_0.5mm
Commercial	DMG32240C035_03W	3.5	320*240	TN	R4/CG	200,250,300	4.5-5.5	TTL*2	10P10F
Commercial	DMG48320C035_03W	3.5	320*480	IPS	R4/CG	250,300	4.5-5.5	TTL*2	10P10F
Industrial	DMG80480T035_01W	3.5	480*800	IPS	R4/CG	250,300	4.5-5.5	TTL*2	10P10F
Industrial	DMG64480T035_01W	3.5	640*480	IPS	R4/CG	250,300	4.5-5.5	TTL/232	10P10F
Medical	DMG80480K035_03W	3.5	480*800	IPS	R4/CG	250,300	4.5-5.5	TTL*2	10P10F
Medical	DMG64480K035_03W	3.5	640*480	IPS	R4/CG	150,200	9-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG32240S035_03W	3.5	320*240	TN	R4/CG	250,300	4.5-5.5	232*2+485*1	10P10P+2P20P



DMG80480K035_03W

3.5 Inch with enclosure

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



DMG48320T035_15WTR

3.7 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG96240C037_03W	3.7	240*960	IPS	R4/CG	300,350,400	4.5-5.5	TTL*2	10P10F



DMG96240C037_03W

4.0 Inch

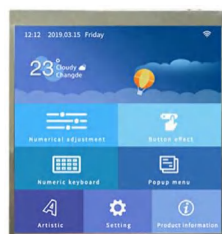
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG40960F040_01W	4.0	400*960	IPS	R4/CG	200,250,300	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG48480F040_01W	4.0	480*480	IPS	R4/CG	50,200,250,300	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG48480F040_05WN	4.0	480*480	IPS	—	300	4.5-5.5	TTL*1	20Pin_0.5mm
COF	DMG48480F040_01WTCJM	4.0	480*480	IPS	CG	100	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG48480F040_02WTCZ02	4.0	480*480	IPS	CG	50	4.5-5.5	TTL*3	24Pin_0.5mm
COF	DMG72720F040_01W	4.0	720*720	IPS	CG	50,250,300	4.5-5.5	TTL*3	50Pin_0.5mm
Commercial	DMG48480C040_03W	4.0	480*480	IPS	R4/CG	250,300	4.5-5.5	TTL*2	10P10F
Commercial	DMG80480C040_03W	4.0	480*800	IPS	R4/CG	300,400,450	4.5-5.5	TTL*2	10P10F
Commercial	DMG72720C040_03WTC	4.0	720*720	IPS	CG	250	5-15	TTL/RS232	10P10F
Industrial	DMG48480T040_01W	4.0	480*480	IPS	R4/CG	250,300	9-36	TTL/232	8P20P
Industrial	DMG80480T040_01W	4.0	480*800	IPS	R4/CG	350,400	9-36	TTL/232	8P20P



DMG80480C040_03W

4.1 Inch

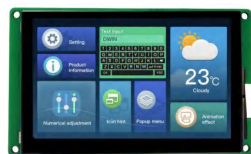
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG72720C041_03W	4.1	720*720	IPS	IncCell	400	4.5-5.5	TTL*2	10P10F
Industrial	DMG72720T041_06WTC	4.1	720*720	IPS	IncCell	400	7-15	TTL	50P05F



DMG72720C041_06WTC

4.3 Inch

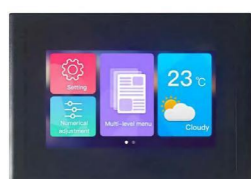
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG48270F043_01W	4.3	480*272	TV-TN	R4/CG	200,250	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG48270F043_05WN	4.3	480*272	TV-TN	—	200	3.3-5.5	TTL*1	20Pin_0.5mm
COF	DMG48270F043_05WNZ06	4.3	480*272	TV-TN	—	200	3.3-5.5	TTL*1	20Pin_0.5mm
COF	DMG48270F043_02W	4.3	480*272	IPS	R4/CG	50,200,250,300	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG80480F043_01W	4.3	480*800	IPS	CG	50,250,300	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG80480F043_01WTCJM	4.3	480*800	IPS	CG	100	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG80480F043_01WTCRJ	4.3	480*800	IPS	CG	250	3.6-5.5	TTL*3	50Pin_0.5mm
Commercial	DMG48270C043_03W	4.3	480*272	TN	R4/CG	250,300	4.5-5.5	TTL*2	10P10F
Commercial	DMG48270C043_04W	4.3	480*272	TV-TN	R4/CG	200,250,300	4.5-5.5	TTL/232	10P10F
Commercial	DMG48270C043_05W	4.3	480*272	IPS	R4/CG	250,300	4.5-5.5	TTL/232	10P10F
Commercial	DMG80480C043_01W	4.3	480*800	IPS	R4/CG	200,250,300	4.5-5.5	TTL*2	10P10F
Commercial	DMG80480C043_02W	4.3	480*800	IPS	R4/CG	250,300	4.5-5.5	TTL*2	10P10F
Commercial	DMG80480C043_03W	4.3	800*480	IPS	R4/CG	200,250	4.5-5.5	TTL/232	10P10F
Commercial	DMG80480C043_06W	4.3	800*480	IPS	R4	250,300	4.5-5.5	TTL*2	10P10F
Industrial	DMG80480T043_01W	4.3	480*800	IPS	R4/CG	250,300	9-36	TTL/232	8P20P
Industrial	DMG80480T043_09W	4.3	480*800	IPS	R4/CG	700,800,900	9-36	TTL/232	8P20P
Medical	DMG80480K043_03W	4.3	480*800	IPS	R4/CG	250,300	9-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG48270S043_03W	4.3	480*272	TN	R4/CG	650,750,850	6-36	232*2+485*1	8P20P+2P20P



DMG80480T043_09W

4.3 Inch with enclosure

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



DMG48270C043_15W

5.0 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG85480F050_01W	5.0	480*854	IPS	CG	50,350,400	3.6-5.5	TTL*3	50Pin_0.5mm
COF	DMG80480F050_01WTCZ03	5.0	800*480	TN	CG	300	3.6-5.5	TTL*3	50Pin_0.5mm
Commercial	DMG85480C050_03W	5.0	480*854	IPS	R4/CG	250,300	4.5-5.5	TTL*2	10P10F
Commercial	DMG12720C050_03W	5.0	720*1280	IPS	IncCell	300	4.5-5.5	TTL*2	10P10F
Commercial	DMG80480C050_03W	5.0	800*480	TN	R4/CG	250,300	4.5-5.5	TTL/232	10P10F
Commercial	DMG80480C050_04W	5.0	800*480	IPS	CG	250,300	4.5-5.5	TTL/232	10P10F
Industrial	DMG12720T050_06WTC	5.0	1280*720	IPS	IncCell	250	7-15	TTL	50P05F
Industrial	DMG12720T050_01W	5.0	720*1280	IPS	R4/IncCell	250,300	9-36	TTL/232	8P20P
Industrial	DMG80480T050_02W	5.0	800*480	IPS	R4/CG	250,300	9-36	TTL/232	8P20P
Industrial	DMG80480T050_09W	5.0	800*480	IPS	R4/CG	750,800,900	9-36	TTL/232	8P20P
Medical	DMG85480K050_03W	5.0	480*854	IPS	R4/CG	350,400,450	9-36	232*2+485*1	8P20P+2P20P
Medical	DMG80480K050_03W	5.0	800*480	IPS	R4/CG	300,350,400	9-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG80480S050_03W	5.0	800*480	TN	R4/CG	550,600,700	6-36	232*2+485*1	8P20P+2P20P



DMG12720T050_01W

5.0 Inch with enclosure

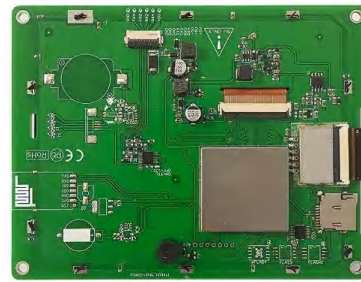
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG80480C050_15WTR	5.0	800*480	TN	R4	200	9-36	232*1+485*1	8P20P
Industrial	DMG80480T050_A5W	5.0	800*480	IPS	R4/CG	250,300	9-36	232*2+485*1	8P38P



DMG80480T050_A5W

5.6 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG64480C056_03W	5.6	640×480	TN	R4/CG	400,450,500	4.5-5.5	TTL/RS232	10P10F
Industrial	DMG64480T056_01W	5.6	640×480	TN	R4/CG	400,450,500	9-36	TTL/232	8P20P
Medical	DMG64480K056_03W	5.6	640×480	TN	R4/CG	250,300	9-36	232*2+485*1	8P20P+2P20P



DMG64480C056_03W

5.7 Inch

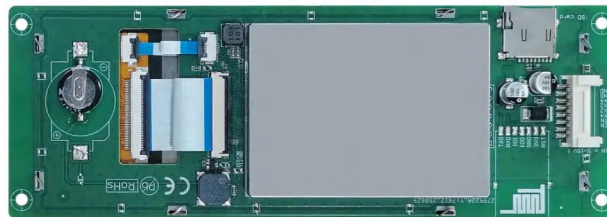
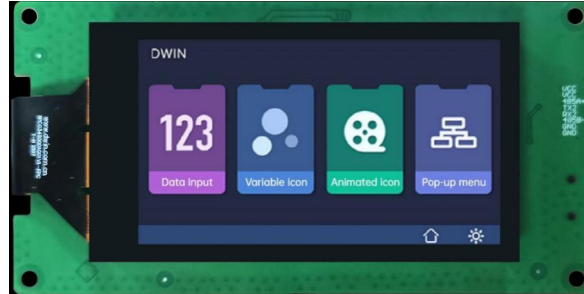
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Industrial	DMG64480T057_01W	5.7	640*480	IPS	R4/CG	400,450,500	9-36	TTL/232	8P20P
Medical	DMG64480K057_03W	5.7	640*480	IPS	R4/CG	400,450,500	9-36	232*2+485*1	8P20P+2P20P



DMG64480K057_03W

6.5 Inch

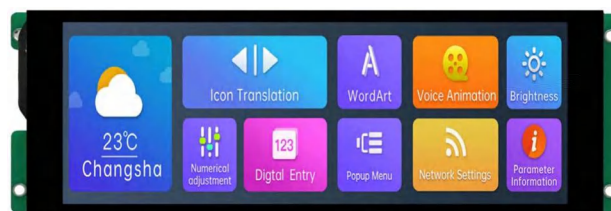
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG12452C065_03WTC	6.5	452*1280	IPS	IncCell	400	5-15	TTL/232	8P20P



DMG12452C065_03WTC

6.8 Inch

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



DMG12480C068_03W

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG10600F070_01W	7.0	1024*600	IPS	CG	50,250,300	4.5-5.5	TTL*3	50Pin_0.5mm
COF	DMG10600F070_01WTCVD	7.0	1024*600	IPS	CG	250	9-36	TTL*1	6Pin_2.0mm
COF	DMG10600F070_02W	7.0	1024*600	IPS	R4/CG	200,250,300	4.5-5.5	TTL*3	50Pin_0.5mm
COF	DMG80480F070_01W	7.0	800*480	TN	R4	150,200	4.5-5.5	TTL*3	50Pin_0.5mm
COF	DMG80480F070_02W	7.0	800*480	TN	R4/CG	150,200,250	4.5-5.5	TTL*3	50Pin_0.5mm
COF	DMG80480F070_06W	7.0	800*480	TN	R4/CG	150,200	4.5-5.5	TTL*2	10Pin_1.0mm
consumer	DMG80480L070_01WTR	7.0	800*480	TN	R4	200	6-15	TTL/232	8P20P
Commercial	DMG10600C070_03W	7.0	1024*600	IPS	R4/CG	250,300	4.5-5.5	TTL/232	10P10F
Commercial	DMG12800C070_03W	7.0	800*1280	IPS	R4/CG	300	9-36	TTL/232	8P20P
Commercial	DMG80480C070_03W	7.0	800*480	TN	R4/CG	250,300	4.5-5.5	TTL/232	10P10F
Commercial	DMG80480C070_04W	7.0	800*480	TV-TN	R4/CG	200,250	4.5-5.5	TTL/232	10P10F
Commercial	DMG80480C070_06W	7.0	800*480	TN	R4	200,250	4.5-5.5	TTL*2	10P10F
Industrial	DMG10600T070_01W	7.0	1024*600	IPS	R4/CG	200,250,300	9-36	TTL/232	8P20P
Industrial	DMG10600T070_09W	7.0	1024*600	IPS	R4/CG	600,650,700	9-36	TTL/232	8P20P
Industrial	DMG12800T070_01W	7.0	1280*800	IPS	R4/CG	250,300	9-36	TTL/232	8P20P
Industrial	DMG80480T070_05W	7.0	800*480	TN	R4/CG	250,300	9-36	TTL/232	8P20P
Industrial	DMG80480T070_09W	7.0	800*480	TN	R4/CG	650,700,900	9-36	TTL/232	8P20P
Medical	DMG10600K070_03W	7.0	1024*600	IPS	R4/CG	250,300	9-36	232*2+485*1	8P20P+2P20P
Medical	DMG12800K070_03W	7.0	1280*800	IPS	R4/CG	350,400	9-36	232*2+485*1	8P20P+2P20P
Medical	DMG80480K070_03W	7.0	800*480	TN	R4/CG	250,300	9-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG10600S070_03W	7.0	1024*600	IPS	R4/CG	450,500,600	12-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG80480S070_03W	7.0	800*480	IPS	R4/CG	750,800,1000	9-36	232*2+485*1 +CAN*1	10P38P
Harsh Environment	DMG80480S070_05W	7.0	800*480	IPS	R4/CG	600,650,750	9-36	232*2+485*1 +CAN*1	10P38P



DMG80480S070_03W

7.0 Inch with enclosure

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG80480C070_15WTR	7.00	800*480	TN	R4	200	9-36	232*2+485*1	8P38P
Industrial	DMG10600T070_A5W	7.00	1024*600	IPS	R4/CG	250	9-36/7-36	232*2+485*1(+CAN*1)	8P38P(+4P38P)
Industrial	DMG80480T070_15W	7.00	800*480	TN	R4	250	9-36	232*2+485*1	8P38P
Industrial	DMG80480T070_15WTRU	7.00	800*480	TN	R4	200	9-36	232*1+485*1	6P38P
Industrial	DMG80480T070_15WTRIOT	7.00	800*480	TN	R4	250	9-36	232*2+485*1	8P38P
Industrial	DMG80480T070_A5W	7.00	800*480	TN	R4	250	9-36	232*2+485*1	8P38P



DMG10600T070_A5W

7.4 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG12400C074_03W	7.4	1280*400	IPS	R4/CG	650,700	9-36	TTL/232	8P20P



DMG12400C074_03W

8.0 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG80600F080_01W	8.0	800*600	TN	R4/CG	200,250,300	4.5-5.5	TTL*3	50Pin_0.5mm
consumer	DMG80600L080_01WTR	8.0	800*600	TN	R4	250	6-15	TTL/232	8P20P
Commercial	DMG10768C080_03W	8.0	1024*768	IPS	R4/CG	200,250	4.5-5.5	TTL*2	10P10F
Commercial	DMG12800C080_03W	8.0	800*1280	IPS	R4/CG	200,250	9-36	TTL/232	8P20P
Commercial	DMG80600C080_03W	8.0	800*600	TN	R4/CG	250,300,350	4.5-5.5	TTL/232	10P10F
Industrial	DMG10768T080_01W	8.0	1024*768	IPS	R4/CG	250,300	9-36	TTL/232	8P20P
Industrial	DMG12800T080_01W	8.0	800*1280	IPS	R4/CG	200,250	9-36	TTL/232	8P20P
Industrial	DMG80600T080_02W	8.0	800*600	TN	R4/CG	250,300,350	9-36	TTL/232	8P20P
Industrial	DMG80600T080_09W	8.0	800*600	TN	R4/CG	750,800,900	9-36	TTL/232	8P20P
Medical	DMG10768K080_03W	8.0	1024*768	IPS	R4/CG	650,700	9-36	232*2+485*1	8P20P+2P20P
Medical	DMG12800K080_03W	8.0	800*1280	IPS	R4/CG	150,200	9-36	232*2+485*1	8P20P+2P20P
Medical	DMG80600K080_03W	8.0	800*600	TN	R4/CG	300,350,400	9-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG80600S080_03W	8.0	800*600	TN	R4	650	12-36	232*2+485*1	8P20P+2P20P



DMG12800T080_01WTC

8.0 Inch with enclosure

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Industrial	DMG80600T080_15W	8.0	800*600	TN	R4	300	6-36	232*1+485*1	6P38P



DMG80600T080_15W

8.88 Inch

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



DMG19480C088_03W

9.7 Inch

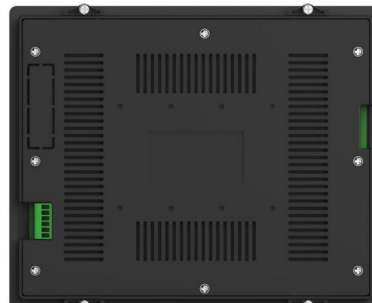
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG10768C097_03W	9.7	1024*768	TN	R4/CG	150,200,250	6-15	TTL/232	8P20P
Industrial	DMG10768T097_01W	9.7	1024*768	TN	R4/CG	250,300	9-36	TTL/232	8P20P
Medical	DMG10768K097_03W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



DMG10768T097_01W

9.7 Inch with enclosure

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Industrial	DMG10768T097_15W	9.7	1024*768	TN	R4	200	9-36	232*1+485*1	6P38P



DMG10768T097_15W

10.1 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
COF	DMG10600F101_01W	10.1	1024*600	IPS	R4/GFF	50,150,200, 250	4.5-5.5	TTL*3	50Pin_0.5mm
consumer	DMG12800L101_01W	10.1	800*1280	IPS	R4/CG	250,300	7-15	TTL/232	8P20P
Commercial	DMG10600C101_03W	10.1	1024*600	IPS	R4/CG	150,200,250	6-15	TTL/232	8P20P
Commercial	DMG10600C101_04W	10.1	1024*600	IPS	R4/CG	350,400	6-15	TTL/232	8P20P
Industrial	DMG10600T101_01W	10.1	1024*600	IPS	R4/CG	150,250	9-36	TTL/232	8P20P
Industrial	DMG10600T101_09W	10.1	1024*600	IPS	R4/CG	450,500	9-36	TTL/232	8P20P
Industrial	DMG12800T101_01W	10.1	1280*800	IPS	R4/CG	300,350	12-36	TTL/232	8P20P
Industrial	DMG19108T101_05W	10.1	1920*1080	IPS	R4/CG	200,250,400	12-36	232*1+485*1	8P20P
Medical	DMG10600K101_03W	10.1	1024*600	IPS	R4/CG	150,200,250	9-36	232*2+485*1	8P20P+2P20P
Medical	DMG12800K101_03W	10.1	1280*800	IPS	R4/CG	300,350,400	9-30	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG10600S101_03W	10.1	1024*600	IPS	R4/CG	300,350,400	12-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG12800S101_03W	10.1	1280*800	IPS	R4/CG	550,700, 1000	12-36	232*2+485*1	8P20P+2P20P



DMG12800S101_03W

10.1 Inch with enclosure

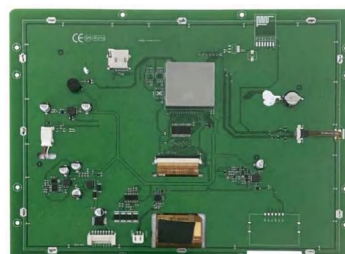
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG10600C101_15WTR	10.1	1024*600	IPS	R4	250	9-36	232*1+485*1	8P38P
Industrial	DMG10600T101_A5W	10.1	1024*600	IPS	R4/CG	200,250	9-36	232*2+485*1 +CAN*1	8P38P+4P38P



DMG10600C101_15W

10.4 Inch

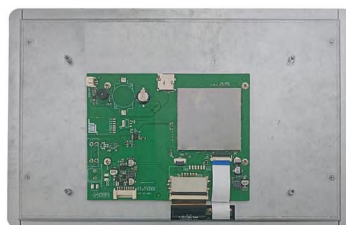
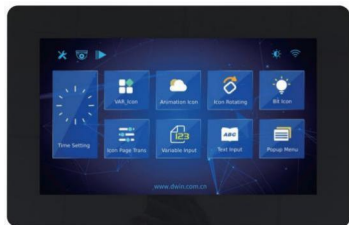
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
consumer	DMG80600L104_01W	10.4	800*600	TN	R4/CG	200,250	9-36	TTL/232	8P20P
Commercial	DMG10768C104_03W	10.4	1024*768	IPS	R4/CG	250,300	9-36	TTL/232	8P20P
Commercial	DMG16720C104_05WTC	10.4	720*1600	IPS	CG	350	12-36	TTL/232	8P20P
Commercial	DMG80600C104_03W	10.4	800*600	TN	R4/CG	300,350	6-15	TTL/232	8P20P
Industrial	DMG10768T104_01W	10.4	1024*768	IPS	R4/CG	250,300	9-36	TTL/232	8P20P
Industrial	DMG10768T104_09W	10.4	1024*768	IPS	R4/CG	750,800,900	6-36	TTL/232	8P20P
Industrial	DMG80600T104_01W	10.4	800*600	TN	R4/CG	300,350	9-36	TTL/232	8P20P
Medical	DMG10768K104_03W	10.4	1024*768	IPS	R4/CG	250,300	9-30	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG10768S104_03W	10.4	1024*768	IPS	R4/CG	200,250,300	12-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG80600S104_03W	10.4	800*600	TN	R4/CG	200,250,300	12-36	232*2+485*1	8P20P+2P20P



DMG10768K104_03W

11.6 Inch

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



DMG19108C116_05W

12.1 Inch

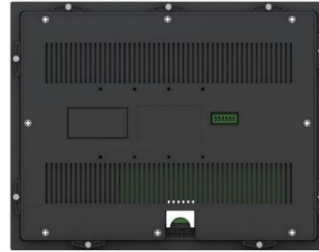
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG12800C121_02W	12.1	1280*800	TN	CG	400	12-36	TTL/232	8P20P
Commercial	DMG80600C121_03W	12.1	800*600	TN	R4/CG	250,300	12-36	TTL/232	8P20P
Harsh Environment	DMG10768S121_03W	12.1	1024*768	IPS	R4/CG	300,350,400	12-36	232*2+485*1	8P20P+2P20P
Industrial	DMG10768T121_01W	12.1	1024*768	IPS	R4/CG	400,450	12-36	TTL/232	8P20P
Industrial	DMG80600T121_01W	12.1	800*600	TN	R4/CG	350,400	12-36	TTL/232	8P20P
Medical	DMG10768K121_03W	12.1	1024*768	IPS	R4/CG	400,450,500	12-30	232*2+485*1	8P20P+2P20P
Medical	DMG12800K121_03W	12.1	1280*800	IPS	R4/CG	550,600,650	12-36	232*2+485*1	8P20P+2P20P



DMG12800K121-03W

12.1 Inch with enclosure

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



DMG80600T121_15W

12.5 Inch

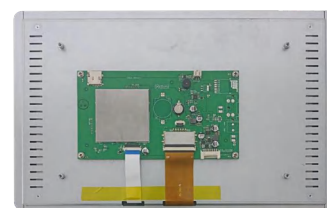
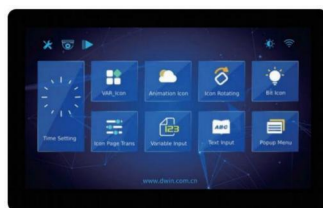
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Industrial	DMG19108T125_05WTC	12.5	1920*1080	IPS	CG	200	12-36	232*1+485*1	8P20P



DMG19108T125_05WTC

13.3 Inch

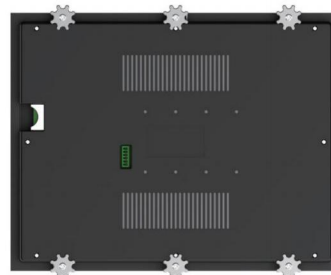
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG19108C133_05W	13.3	1920*1080	IPS	GG	200	12-36	TTL/232	8P20P
Medical	DMG19108K133_05W	13.3	1920*1080	IPS	CG	200	12-36	232*2+485*1	8P20P+2P20P



DMG19108C133_05W

14.0 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG19108C140_05W	14.0	1920*1080	IPS	R4/CG	200,250,300	12-36	TTL/232	8P20P



DMG19108C140_05W

15.0 Inch

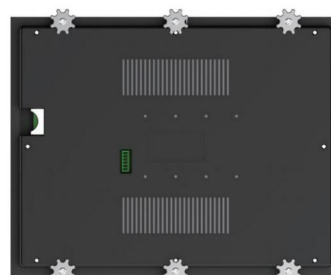
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG10768C150_03W	15.0	1024*768	TN	R4/CG	250,300	12-36	TTL/232	8P20P
Industrial	DMG10768T150_01W	15.0	1024*768	TN	R4/CG	300,350	12-36	TTL/232	8P20P
Medical	DMG10768K150_03W	15.0	1024*768	IPS	R4/CG	300,350	10-36	232*2+485*1	8P20P+2P20P
Harsh Environment	DMG10768S150_03W	15.0	1024*768	IPS	R4/CG	200,250,300	12-36	232*2+485*1	8P20P+2P20P



DMG10768T150_01W

15.0 Inch with enclosure

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Industrial	DMG10768T150_15W	15.0	1024*768	TN	R4	250	12-36	232*1+485*1	6P38P



DMG10768T150_15W

15.6 Inch

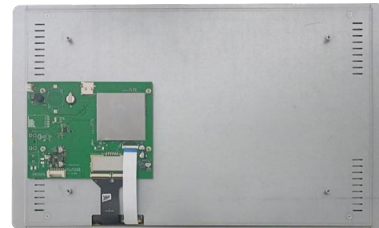
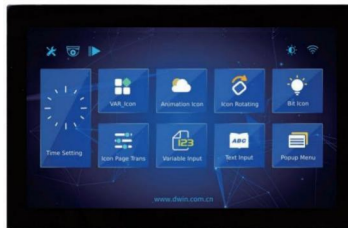
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG13768C156_03W	15.6	1366*768	TN	CG	250	12-36	TTL/232	8P20P
Commercial	DMG19108C156_05W	15.6	1920*1080	IPS	CG	250,300	12-36	TTL/232	8P20P
Commercial	DMG19108C156_05WTCZ02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



DMG19108C156_05W

17.3 Inch

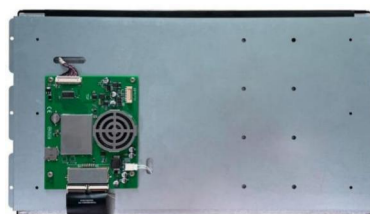
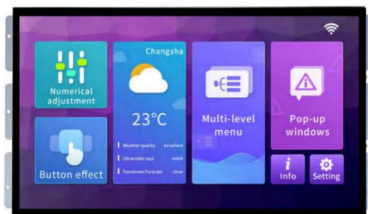
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG19108C173_05W	17.3	1920*1080	IPS	GFF	200,250	12-36	TTL/232	8P20P



DMG19108C173_05W

18.5 Inch

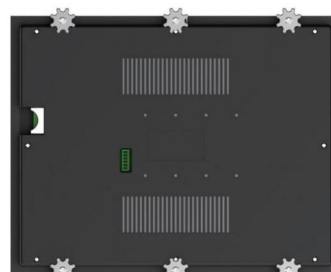
Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG13768C185_03W	18.5	1366*768	TN	GFF	200,250	12-36	TTL/232	8P20P
Commercial	DMG19108C185_05W	18.5	1920*1080	IPS	GFF/GG	200	15-36	TTL/232	8P20P
Medical	DMG19108K185_05WTC	18.5	1920*1080	IPS	GFF/GG	200	15-36	TTL/R232	8P20P



DMG13768C185_03W

21.5 Inch

Application Grade	Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	Voltage (V)	Signal Interface	User Interface
Commercial	DMG19108C215_05W	21.5	1920*1080	IPS	GFF	150	15-36	TTL/232	8P20P
Medical	DMG19108K215_05WTC	21.5	1920*1080	IPS	GFF	150	15-36	TTL/232	8P20P



DMG19108C215_05W

2 System Screen

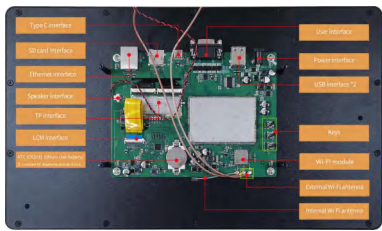
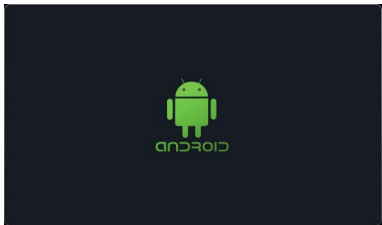
2.1 Product Classification

Series	System Type	CPU	Frequency	OS/Kernel Version	Standard Memory & Storage Configuration
31 (with enclosure)	Android	RK3566	Quad core ARM Cortex-A55 1.8GHz	Android 11	2GB LPDDR4+8GB eMMC
32	Android	RK3566	Quad core ARM Cortex-A55 1.8GHz	Android 11	2GB LPDDR4+8GB eMMC
35	LINUX (QT/LVGL development)	Allwinner A40I	Quad core ARM Cortex-A7 1.2GHz	Linux3.10	1GB DDR3+8GB eMMC
36	LINUX (QT/LVGL development)	Allwinner T113-S3	Dual core ARM Cortex-A7 1GHz	Linux5.4	128MBytes DDR3+8GB eMMC
40	LINUX (QT/Debian development)	RK3566	Quad core ARM Cortex-A55 1.8GHz	Linux4.19	2GB LPDDR4+8GB eMMC
43 (with enclosure)	LINUX (QT/Debian development)	RK3566	Quad core ARM Cortex-A55 1.8GHz	Linux4.19	2GB LPDDR4+8GB eMMC

2.2 Model Selection

2.2.1 31 Series (RK3566 Android Screen with Enclosure)

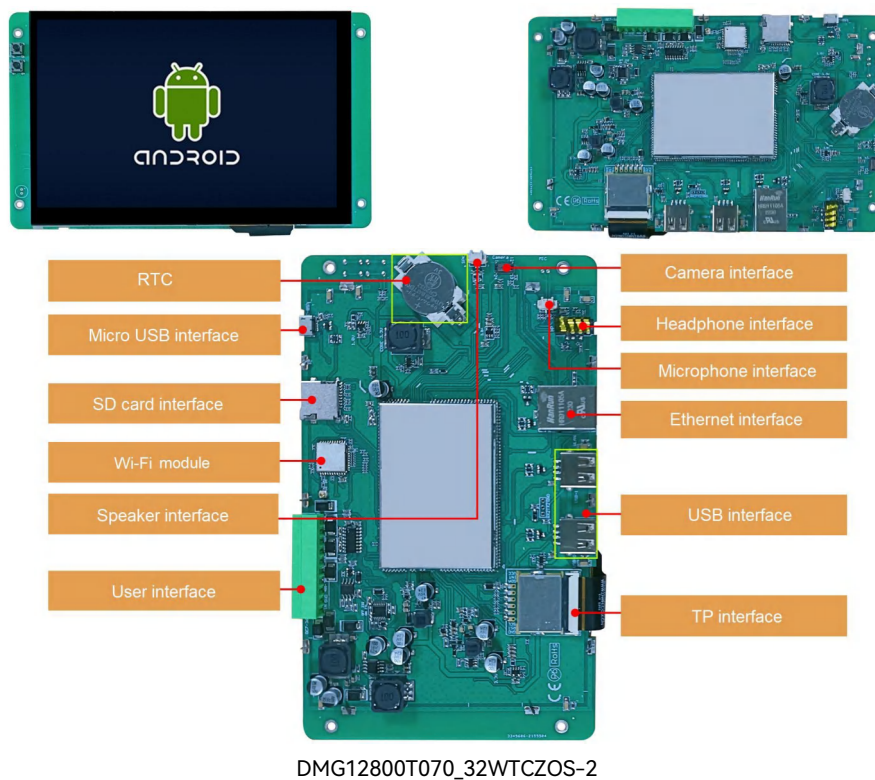
Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. (°C)	Storage Temp. (°C)	Voltage (V)
DMG10600T070_31WTC	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600T101_31WTC	10.1	IPS	1024*600	200nit	2GB LPDDR4+ 8GB EMMC	-30 ~ 80	-30 ~ 80	9 ~ 36
DMG19108C156_31WTC (with anodized aluminum enclosure)	15.6	IPS	1920*1080	100nit (Integrated black)	2GB LPDDR4+ 8GB EMMC	0 ~ 50	-10 ~ 60	12 ~ 36



DMG19108C156_31WTC

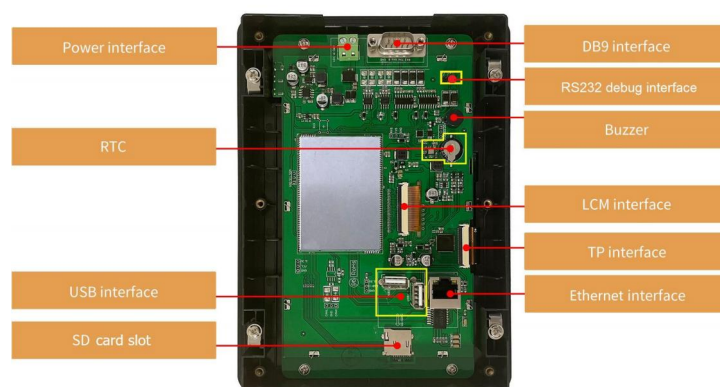
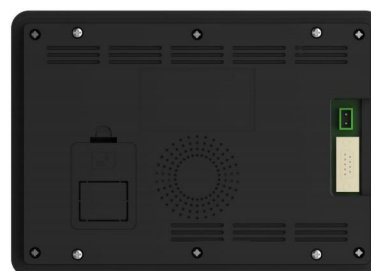
2.2.2 32 Series (RK5666 Android Screen)

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
DMG10600T070_32WTC	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 65	-30 ~ 80	9 ~ 36
DMG12800C070_32WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 60	-20 ~ 70	9 ~ 36
DMG12800T070_32WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600C101_32WTC	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 ~ 65	-30 ~ 80	12 ~ 36
DMG10768T150_32WTC	15.0	IPS	1024*768	300nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	12 ~ 36
DMG19108C156_32WTC	15.6	IPS	1920*1080	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG19108T215_32WTC	21.5	IPS	1920*1080	900nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 70	-30 ~ 80	24 ~ 36



2.2.3 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 ~ 36
DMT10600T070_35WTC	7.0	IPS	1024*600	250nit	1G DDR3 + 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 36
DMT10768T080_35WTC	8.0	IPS	1024*768	250nit	1G DDR3 + 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 36
DMT10768T097_35WTC	9.7	TN	1024*768	250nit	1G DDR3 + 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMT10600T101_35WTC	10.1	IPS	1024*600	250nit	1G DDR3 + 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 36
DMT12800T101_35WTC	10.1	IPS	1280*800	350nit	1G DDR3 + 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 36



DMT10600T070_35WTC

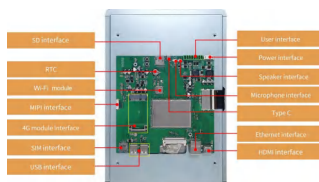
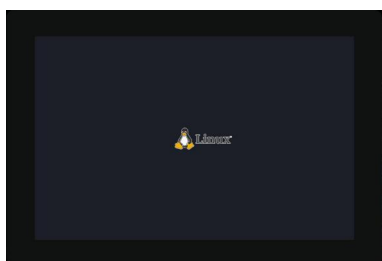
2.2.4 36 Series (Allwinner T113-S3 Linux Screen)

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 ~ 36
DMT80480T050_36WTR	5.0	IPS	800*480	250nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 36
DMT10600T070_36WTC	7.0	IPS	1024*600	250nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 36
DMT10600T070_36WTR	7.0	IPS	1024*600	200nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 36
DMT10600T101_36WTC	10.1	IPS	1024*600	250nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	9 ~ 36
DMT12800T101_36WTC	10.1	IPS	1280*800	250nit	128MB DDR3+ 8GB EMMC	-20 ~ 70	-30 ~ 80	12 ~ 36



2.2.5 40 Series (RK3566 Linux Screen)

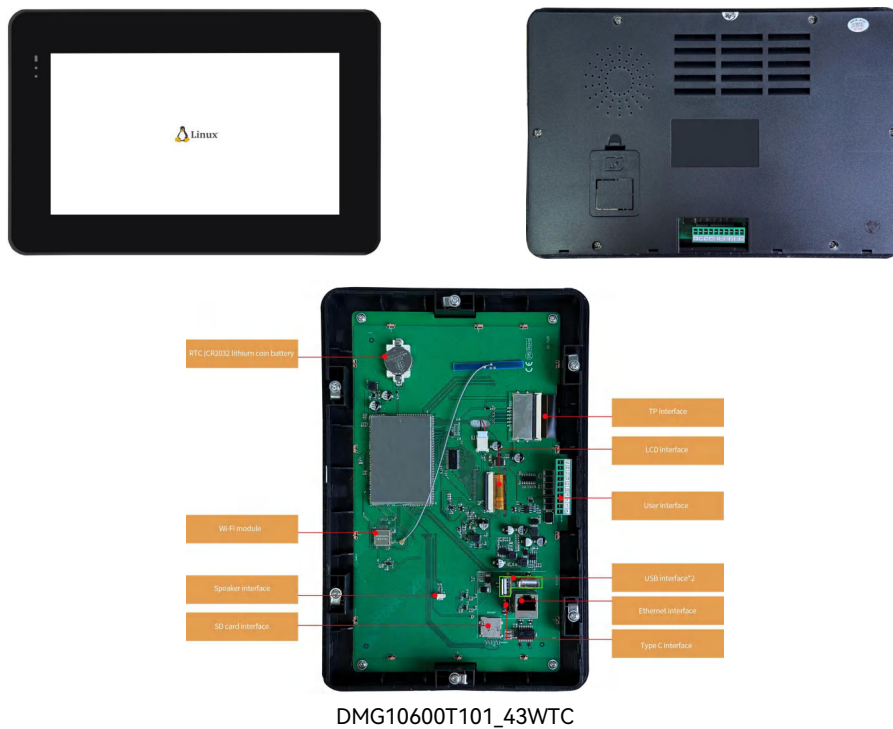
Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. (°C)	Storage Temp. (°C)	Voltage(V)
DMG80480T050_40WTC	5.0	IPS	800*480	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG80480T050_40WTCZOS-1	5.0	IPS	800*480	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600T070_40WTC	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 65	-30 ~ 80	9 ~ 36
DMG10600T070_40WTCZOS-1	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 65	-30 ~ 80	9 ~ 36
DMG12800C070_40WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 60	-20 ~ 70	9 ~ 36
DMG12800C070_40WTCZOS-1	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-10 ~ 60	-20 ~ 70	9 ~ 36
DMG12800T070_40WTC	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG12800T070_40WTCZOS-1	7.0	IPS	1280*800	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600C101_40WTC	10.1	IPS	1024*600	200nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
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 ~ 65	-30 ~ 80	12 ~ 36
DMG12800T121_40WTCZOS-1	12.1	IPS	1280*800	600nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	12 ~ 36
DMG10768T150_40WTC	15.0	IPS	1024*768	300nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	12 ~ 36
DMG10768T150_40WTCZOS-1	15.0	IPS	1024*768	300nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-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



DMG12800T121_40WTC

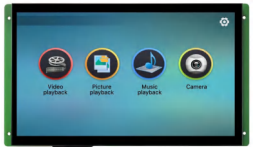
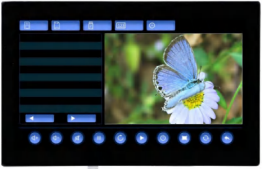
2.2.6 43 Series (RK3566 Linux Screen with Enclosure)

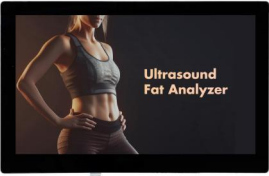
Model	Size	LCD Type	Resolution	Brightness	Storage	Working Temp. (°C)	Storage Temp. (°C)	Voltage (V)
DMG10600T070_43WTC	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600T070_43WTCZOS-1	7.0	IPS	1024*600	250nit	2GB LPDDR4+ 8GB EMMC	-20 ~ 65	-30 ~ 80	9 ~ 36
DMG10600T101_43WTC	10.1	IPS	1024*600	200nit	2GB LPDDR4+ 8GB EMMC	-30 ~ 80	-30 ~ 80	9 ~ 36
DMG10600T101_43WTCZOS-1	10.1	IPS	1024*600	200nit	2GB LPDDR4+ 8GB EMMC	-30 ~ 80	-30 ~ 80	9 ~ 36
DMG19108C156_43WTC (with anodized aluminum enclosure)	15.6	IPS	1920*1080	100nit (Integrated black)	2GB LPDDR4+ 8GB EMMC	0 ~ 50	-10 ~ 60	12 ~ 36
DMG19108C156_43WTCZOS-1 (with anodized aluminum enclosure)	15.6	IPS	1920*1080	100nit (Integrated black)	2GB LPDDR4+ 8GB EMMC	0 ~ 50	-10 ~ 60	12 ~ 36



3 Video Screen

3.1 Product Classification

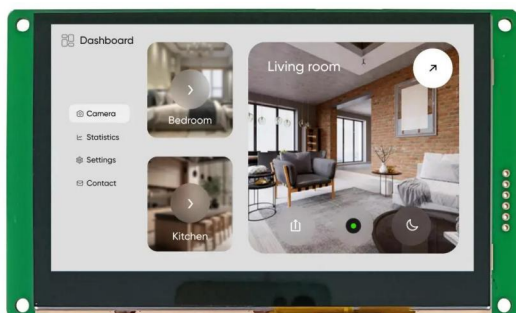
Product Series	Camera Signal	Function
25 Series 	FSK bus camera	1. Works with the DWIN FSK cameras. 2. Supports 31 cameras simultaneous display. 3. The maximum transmission distance is 300 meters
41 Series 	USB Camera Digital Signal	1. Supports image, audio, and video playback, as well as USB camera video recording and screenshot saving function. 2. Reserved 4G modules, Ethernet interfaces (RJ45 socket), and WIFI module pads, support extended remote video updates and network camera function.
	Analog camera screen	1. Supports 1-channel 1080P HD display, or 2-channel 720P simultaneous display. 2. Supports camera zooming, screenshot saving functions. 3. Supports customized video recording function
	Web camera screen	1. Supports H.264 encoded RTSP camera. Supports zooming function. 2. Supports customization to achieve screen capture and screen video recording.
	Advertising screen	1. Support U disk and SD card to store MP4 video files for video playback. (Supports up to store 64GB videos) 2. Support Wi-Fi (2.4GHz, 5GHz) and 4G networking, 3. Provide advertising screen system background management functions; support remote background update video files.
	Beauty screen	1. 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. 2. The detection results can be uploaded to the cloud in real-time and can be viewed through the WeChat mini program. 3. Video playback: Support built-in Flash, USB, SD card video reading and playback.
	Vending machine screen	1. Onboard R11 module for video decoding, enabling WIFI/4G connectivity and audio/video playback functions.

Product Series	Camera Signal	Function
	Ultrasound fat analyzer	1. Multi-site automatic measurement and precision: Automatic measurement of the thighs, upper arms, waist and abdomen, with a precision of $\pm 1\text{mm}$. 2. Convenient structural installation.
	Remote control screen	1. Supporting remote viewing of the screen interface by the server. 2. Remote control of reading and writing VP. 3. High-speed USB downloading, and remote OTA by the server.
	Gesture recognition screen	1. Support gesture control without physical contact

3.2 Model Selection

3.2.1 26 Series FSK BUS Camera Screen

Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	User interface	Camera interface	Note
DMG48270C043_26W	4.3	480*272	TN	RTP/CTP/No TP	250,300,350	8Pin_2.0mm	RCA-AV socket, 2Pin_5.08mm socket	
DMG80480C043_26W	4.3	800*480	IPS	CTP	250	10Pin_1.0mm	RCA-AV socket, 2Pin_5.08mm socket	
DMG80480C050_26W	5.0	800*480	TN	RTP/CTP/No TP	250,300	8Pin_2.0mm	RCA-AV socket, 2Pin_5.08mm socket	Reserved Wifi and USB module interface
DMG80480T050_26W	5.0	800*480	IPS	RTP/CTP/No TP	750,800,900	8Pin_2.0mm	RCA-AV socket, 2Pin_5.08mm socket	Reserved Wifi and USB module interface

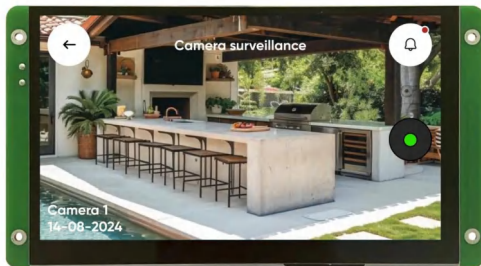


DMG80480C043_26W

Model	Size	Resolution (H*V)	LCD Type	Touch Type	Brightness (nit)	User interface	Camera interface	Note
DMG80480C070_26W	7.0	800*480	TN	RTP/CTP/No TP	550,600,700	8Pin_2.0mm	Double hole RCA socket, 2Pin_5.08mm socket	Reserved Wifi and USB module interface
DMG10600T070_26W	7.0	1024*600	IPS	RTP/CTP/No TP	250,300	8Pin_2.0mm	RCA-AV socket, 2Pin_5.08mm socket	Reserved Wifi and USB module interface
DMG10768T080_26W	8.0	1024*768	IPS	RTP/CTP/No TP	200,250	8Pin_2.0mm	RCA-AV socket, 2Pin_5.08mm socket	Reserved Wifi and USB module interface
DMG10600T101_26W	10.1	1024*600	IPS	RTP/CTP/No TP	200,250	8Pin_2.0mm	RCA-AV socket, 2Pin_5.08mm socket	Reserved Wifi and USB module interface
DMG10768T104_26W	10.4	1024*768	IPS	RTP/CTP/No TP	250,300	8Pin_2.0mm	RCA-AV socket, 2Pin_5.08mm socket	Reserved Wifi and USB module interface

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



DMG80480C070_26W

3.2.2 41 Series Digital Video Screen

Model	Size	Resolution	LCD Type	Touch Type	Signal	Interface	File Type	Interface	File Type	Interface
DMG80480T070_41W	7	800*480	TN	RTP/CTP /No TP	Digital	USB	MP4	USB/SD Card	MP3	USB/SD Card
DMG10600T070_41W	7	1024*600	IPS	RTP/CTP /No TP	Digital	USB	MP4	USB/SD Card	MP3	USB/SD Card
DMG80600T080_41W	8	800*600	TN	RTP/CTP /No TP	Digital	USB	MP4	USB/SD Card	MP3	USB/SD Card
DMG10600T101_41W	10.1	1024*600	IPS	RTP/CTP /No TP	Digital	USB	MP4	USB/SD Card	MP3	USB/SD Card
DMG80600T104_41W	10.4	800*600	TN	RTP/CTP /No TP	Digital	USB	MP4	USB/SD Card	MP3	USB/SD Card
DMG10768T104_41W	10.4	1024*768	IPS	RTP/CTP /No TP	Digital	USB	MP4	USB/SD Card	MP3	USB/SD Card
DMG10768T150_41W	15	1024*768	TN	RTP/CTP /No TP	Digital	USB	MP4	USB/SD Card	MP3	USB/SD Card

Notes:

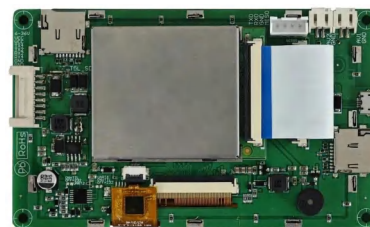
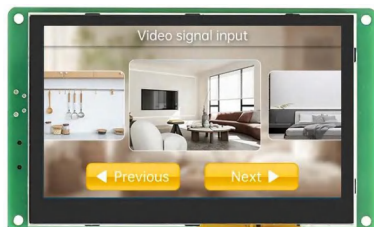
1. Equipped with M200 module, T5L is the main controller chip, and R11 is the assist chip.
2. SD card slot 1 supports SD card image, audio, and video playback; SD card slot 2 supports downloading user UI files, CFG files, underlying kernel firmware files.
USB interface 1 is used for R11 firmware burning; 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.



DMG10768T150_41W

3.2.3 DT Series Analog Camera Screen

Size	Model	Touch Type	Resolution (H*V)	LCD Type	Color	UART Mode	User interface	Camera interface
4.3	DT322X220034Z240201A	No touch	800*480	IPS	24-bit	TTL/RS232*2	8Pin_2.0mm	2pin_ 2.0mm horizontal interface*2
	DT322X220034Z240201B	Capacitive touch			16.7M			
	DT322X220034Z240201C	Resistive touch			colors			
7.0	DT322X220034Z240201D	No touch	1024*600	IPS	24-bit	TTL/RS232*2	8Pin_2.54mm	2pin_ 2.0mm horizontal interface*2
	DT322X220034Z240201E	Capacitive touch			16.7M			
	DT322X220034Z240201F	Resistive touch			colors			
7.0	DT322X220034Z240201G	No touch	800*480	TN	24-bit	TTL/RS232*2	8Pin_2.0mm	2pin_ 2.54mm vertical interface*2
	DT322X220034Z240201H	Capacitive touch			16.7M			
	DT322X220034Z240201I	Resistive touch			colors			
7.0	DT322X220034Z240201M	No touch	1280*800	IPS	24-bit	TTL/RS232*2	8Pin_2.0mm	Horizontal 2pin_ 2.0mm * 1 Vertical 2Pin_ 2.54mm * 1
	DT322X220034Z240201N	Capacitive touch			16.7M			
	DT322X220034Z240201O	Resistive touch			colors			
10.1	DT322X220034Z240201J	No touch	1024*600	IPS	24-bit	TTL/RS232*2	8Pin_2.0mm	2 pin_ 2.0mm horizontal socket * 1 2 pin_ 2.54mm vertical socket *1
	DT322X220034Z240201K	Capacitive touch			16.7M			
	DT322X220034Z240201L	Resistive touch			colors			
10.1	DT322X220034Z241201K	Capacitive touch	1024*600	IPS	24-bit 16.7M colors	TTL/RS232*2	8Pin_2.0mm	2pin_2.0mm horizontal socket*4
10.1	DT322X220034Z240201P	Capacitive touch	1280*800	IPS	24-bit 16.7M colors	TTL/RS232*2	8Pin_2.0mm	2 pin_ 2.0mm horizontal socket * 1 2 pin_ 2.54mm vertical socket *1



DT322X220034Z240201A

Notes:

1. Supports 1-channel 1080P HD display, 2 or 4-channel 720P camera simultaneous display.
2. Supports camera zooming, screenshot saving functions.
3. Supports customized video recording function.

3.2.4 DT Series Web Camera Screen

With WLAN module (Supports wifi wireless camera)								
Size	Model	Touch Type	Resolution (H*V)	LCD Type	Color	UART Mode	User interface	Camera interface
7.0	DT322X220034Z240202D	No touch	1024*600	IPS	24-bit 16.7M colors	TTL/RS232*2	8Pin_2.0mm	WLAN
	DT322X220034Z240202G	Capacitive touch						
	DT322X220034Z240202A	Resistive touch						
With Ethernet module (Supports H.264 encoded RTSP camera, supports 2 channel simultaneous display)								
Size	Model	Touch Type	Resolution (H*V)	LCD Type	Color	UART Mode	User interface	Camera interface
7.0	DT322X220034Z240202E	No touch	1024*600	IPS	24-bit 16.7M colors	TTL/RS232*2	8Pin_2.0mm	RJ45 Ethernet interface*1
	DT322X220034Z240202H	Capacitive touch						
	DT322X220034Z240202B	Resistive touch						
With Ethernet Module (With enclosure, supports 4 channel simultaneous display)								
Size	Model	Touch Type	Resolution (H*V)	LCD Type	Color	UART Mode	User interface	Camera interface
10.1	DT322X220034Z240902A	Capacitive touch	1024*600	IPS	24-bit 16.7M colors	RS232*2+RS 485*1	8Pin_2.0mm	RJ45 Ethernet interface*4
	DT322X220034Z240902B	Resistive touch						
With WLAN and Ethernet module (Supports H.264 encoded RTSP camera, supports 2 channel simultaneous display)								
Size	Model	Touch Type	Resolution (H*V)	LCD Type	Color	UART Mode	User interface	Camera interface
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
	DT322X220034Z240202I	Capacitive touch						
	DT322X220034Z240202C	Resistive touch						



DT322X220034Z240902B

Notes:

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

3.2.5 DT Series Advertising Screen

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Color	Brightness (nit)	User interface	Operating temperature (°C)
7.0	DT321X190020Z240101C	800*480	TN	Capacitive touch	24 bit, 16.7M	250	8Pin_2.0mm	-20°C~70°C (12V)
8.0	DT321X190020Z240101D	800*600	TN	Capacitive touch	24 bit, 16.7M	300	8Pin_2.0mm	-20°C~70°C (12V)
10.1	DT321X190020Z240101E	1024*600	IPS	Capacitive touch	24 bit, 16.7M	200	8Pin_2.0mm	-20°C~70°C (12V)
15.6	DT321X190020Z240101H	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	8Pin_2.0mm	-10°C~60°C (12V)
18.5	DT321X190020Z240101I	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	200	8Pin_2.0mm	0°C~50°C (15V)
21.5	DT321X190020Z240101J	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	200	8Pin_2.0mm	0°C~50°C (15V)



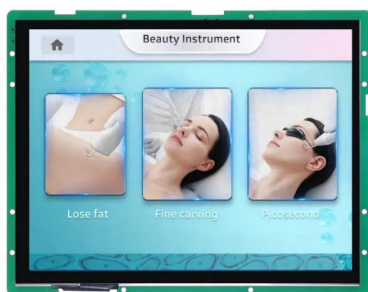
DT321X190020Z240101E

Notes:

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

3.2.6 DT Series Beauty Screen

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Color	Brightness (nit)	User interface	Operating temperature (°C)
8	DT321X190020Z240103N	800*600	TN	Capacitive touch	24 bit, 16.7M	300	8Pin_2.0mm	-20°C~70°C (12V)
10.1	DT321X190020Z240103L	1024*600	IPS	Capacitive touch	24 bit, 16.7M	200	8Pin_2.0mm	-20°C~70°C (12V)
10.4	DT321X190020Z240103K	1024*768	IPS	Capacitive touch	24 bit, 16.7M	200	8Pin_2.0mm	-20°C~70°C (12V)
15.6	DT321X190020Z240103M	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	8Pin_2.0mm	-20°C~70°C (12V)



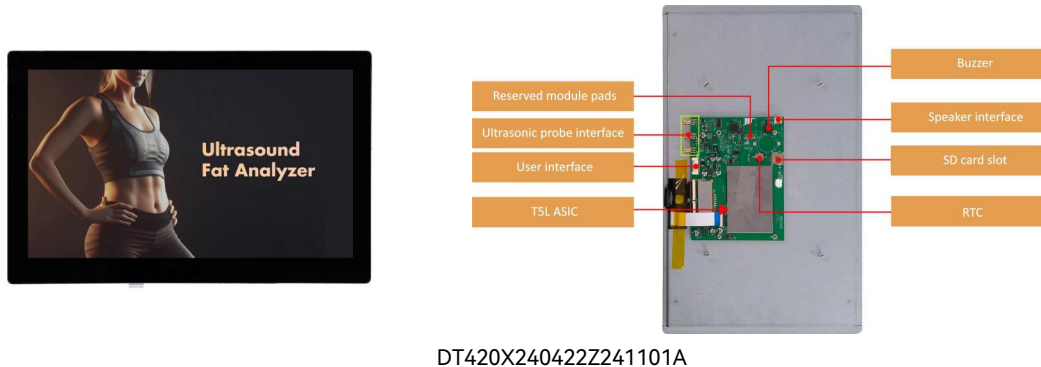
DT321X190020Z240103K

Notes:

1. Including Skin magnifying glass camera modules. Supports 2-megapixel and 1080P high-definition cameras for image capture. Generally used in skin cleaning, hair removal, head physiotherapy and other medical beauty equipment.
2. The detection results can be uploaded to the cloud in real-time and can be viewed through the WeChat mini program.
3. Video playback: Support built-in Flash, USB, SD card video reading and playback.
- 4 Single-channel digital camera USB interface. Supports MP4 format (≤720P) and allows for full-screen display customization of the camera.
- 5 Without accessories (WIFI antenna, USB camera module and USB magnifying camera).

3.2.7 DT Series Ultrasound Fat Analyzer

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Color	Brightness (nit)	User interface	Operating temperature (°C)
15.6	DT420X240422Z241101A	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	8Pin_2.0mm	-10°C~60°C (12V)



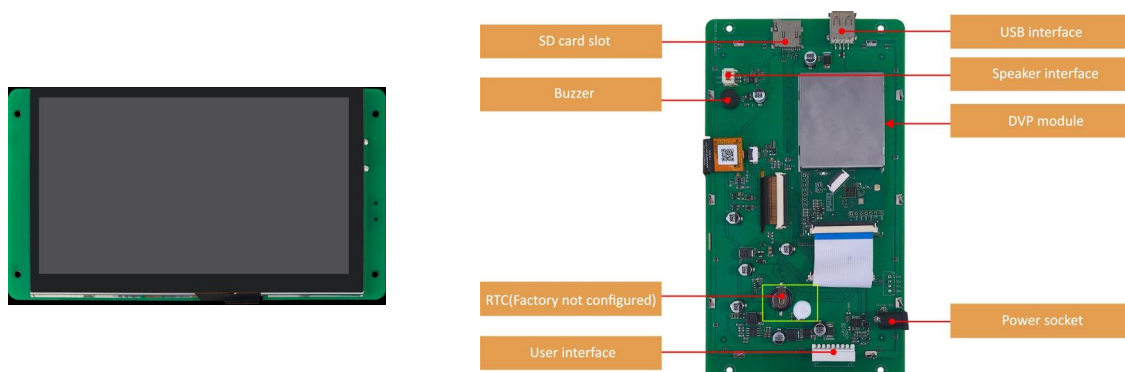
DT420X240422Z241101A

Note:

1. With ultrasound fat analyzer handle.

3.2.8 DT Series Remote Control Screen

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Color	Brightness (nit)	User interface	Operating temperature (°C)
7	DT322X220034Z241205Y	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	8Pin_2.54mm	-20°C~70°C (12V)



DT322X220034Z241205Y

Notes

1. Supporting remote viewing of the screen interface by the server.
2. Remote control of reading and writing VP.
3. High-speed USB downloading, and remote OTA by the server.

3.2.9 DT Series Gesture Recognition Screen

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Color	Brightness (nit)	User interface	Operating temperature (°C)
8.88	DT420X240422Z241102	480×1920	IPS	Capacitive touch	24 bit, 16.7M	250	8Pin_2.0mm	-20°C~70°C (12V)



DT420X240422Z241102

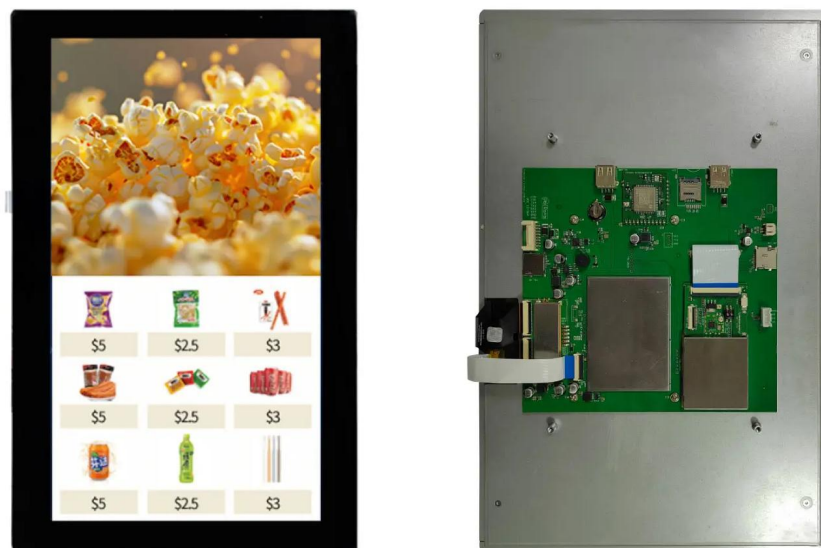
Note:
 Gesture sensing module: Support gesture recognition.

3.2.10 DT Series Vending Machine Screen

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Color	Brightness (nit)	User interface	Operating temperature (°C)
7.0	DT321X190020Z240104C	800*480	TN	Capacitive touch	24 bit, 16.7M	250	8Pin_2.0mm	-20°C~70°C (12V)
8.0	DT321X190020Z240104D	800*600	TN	Capacitive touch	24 bit, 16.7M	300	8Pin_2.0mm	-20°C~70°C (12V)
10.1	DT321X190020Z240104E	1024*600	IPS	Capacitive touch	24 bit, 16.7M	200	8Pin_2.0mm	-20°C~70°C (12V)
15.6	DT321X190020Z240104H	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	8Pin_2.0mm	-10°C~60°C (12V)

Notes:

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



DT321X190020Z240104H

4 Wall-mounted Panel

4.1 Product Classification

Type	Description
COF Structure 	The COF (Chip-on-FPC) Smart Panel is built on DIWIN's low-power dual-core T5L0 ASIC. It integrates the entire smart display core circuitry directly onto the LCD module's FPC, including the touch panel, while routing the user CPU's I/O, UART, CAN, AD, and PWM interfaces to the FPC connector. This design is ideal for consumer applications requiring ultra-thin, lightweight structures, strict cost control, and simple manufacturing processes.
Thermostat 	Without RS485 Interface These basic thermostats are primarily used for high-power control applications such as central air conditioning fan coil units and floor heating. It includes a linkage control function. It uses a 220V power supply and is controlled by a relay. With Reserved RS485 Interface These thermostats are primarily applied in high-voltage control scenarios for central air conditioner fan coil units. Furthermore, they include a reserved 485 communication interface.
Wire Controller 	The wire controller is primarily designed for various low-voltage control applications, such as heat pumps and central air conditioning systems. It features only an RS-485 communication interface, supports standard Modbus protocol, and operates on a wide input voltage range of 6–36V. Featuring a dedicated mounting plate, the new DIWIN line controller ensures quick and secure installation in real-world applications.
Fresh Air Controller 	The fresh air controller is primarily designed for controlling fresh air units. It operates on 220V power supply, features two PWM outputs for fan speed control, multiple relay outputs, and supports control of EC, DC, or AC motors as well as power-driven dampers.
Comfort Origin Series 	Equipped with self-designed T5F0 main control ASIC + TP504 touch IC. Dual NTC Temperature Measurement, $\pm 1^{\circ}\text{C}$. Supports Custom Expansion Boards and Back Covers. The pre-set connection points for the rear case and mounting bracket make for flexible and adaptable assembly. A reserved space on top for custom logo engraving. All-in-one black display Extends only 10mm from the wall

4.2 Model Selection

4.2.1 COF Structure

Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Power 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	TC48480C040_08WN	IPS	480*480	250nit	Without touch	40Pin_0.5mm	4.5-5.5V	
4	TC48480C040_08WTC	IPS	480*480	250nit	Capacitive	40Pin_0.5mm	4.5-5.5V	
4	TC48480C040_08WTCZ03	IPS	480*480	250nit	Capacitive	40Pin_0.5mm	4.5-5.5V	



TC48480C040_07WN

4.2.2 Wire Controller

Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Power 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	TC040C12U00/W00	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	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	White_TC040C17U00	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	White enclosure
4	TC040C17W00Z01	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	Built-in Tuya WBR3 module
4	TC040C17W00Z11	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	Built-in Tuya WBR3 module, without sensor
4	TC040C17W00Z02	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	Built-in DWIN WIFI-10 module, ILITEK Touch IC
4	TC040C17W00LXY	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	Built-in DWIN WIFI-10 module, offline voice version
4	TC040C17G00	IPS	480*480	250nit	Capacitive	4Pin_2.0mm, RS485*1	9-36V	With a China Unicom eSIM



TC035C22W00

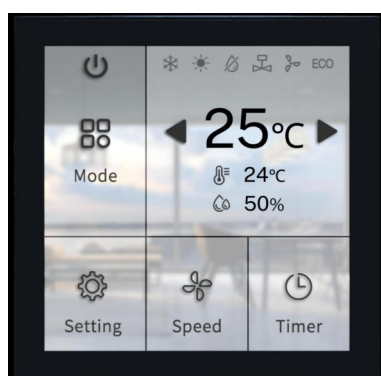
Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Power Voltage	Remark
4.1	TC041C12U00/W00	IPS	720*720	300nit	Capacitive	4Pin_2.0mm, RS485*1	6.5-36.5 V	W00: Built-in DWIN WIFI-10 module
4.3	TC043C12U00/W00	TN	480*272	250nit	Capacitive	5Pin_5.08mm, RS485*1, RJ45*1	6-36V	W00: Built-in DWIN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



TC043C12W00

4.2.3 Thermostat

Size	Model	LCD Type	Resolution	Brightness	Touch Type	Interface	Power Voltage	Remark
2.8	TR028C11U04/W04	TN	320*240	300nit	Resistive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
3.5	TC035C11U04/W04	TN	320*240	300nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
3.5	TC035C21U04/W04	TN	480*320	250nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
4	TC040C11U04/W04	IPS	480*480	150nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
4	TC040C14U04/W04	IPS	480*480	250nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
4	TC040C15U04/W04	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
4	TC040C15W04Z01	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	Built-in Tuya WBR3 module, with sensor
4	TC040C15W04Z02	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	Built-in DWIN WIFI-10 module, External probe
4	TC040C15W04Z03	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	Built-in Tuya WBR3 module, without sensor
4	TC040C15G04	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 4Relay+RS485*1	220V	With a China Unicom eSIM
4	TC040C31U04/W04	IPS	480*480	200nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module
4	TC040C62U00	IPS	480*480	50nit	Capacitive	30Pin_0.5mm	4.4-5.5V	Front screen kit for thermostat
4.1	TC041C11U04/W04	IPS	720*720	250nit	Capacitive	11Pin_5.08mm, 4Relay+RS485*1	220V	W04: Built-in DWIN WIFI-10 module



TC040C15G04

4.2.4 Fresh Air Controller

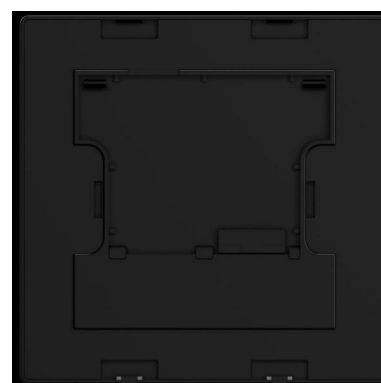
Size	Model	Display	Resolution	Brightness	Touch Type	Interface	Power Voltage	Remark
3.5	TC035C13U05/W05	IPS	320*240	300nit	Capacitive	11Pin_5.08mm, 3Relay+RS485*1 +PWM*2	220V	W05: Built-in DWIN WIFI-10 module
4	TC040C13W04	IPS	480*480	250nit	Capacitive	2Pin_3.81mm, 11Pin_5.08mm, 2Relay+RS485*2 +PWM*1+VSP*1	220V	Built-in Tuya WBR3 module



TC035C13U05/W05

4.2.4 ComfortOrigin Series

Size	Model	Display	Resolution	Brightness	Touch Type	Interface	Power Voltage	Remark
4	TC040C62U00	IPS	480*480	50nit	Capacitive	30Pin_0.5mm	4.4-5.5V	Front screen kit

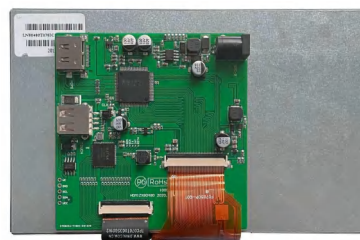


TC040C62U00

5 HDW-series Screen

5.1 HDMI Screen

Inch	Model	Touch Type	LCD Type	Brightness (nit)	Resolution (H*V)	Power Voltage(V)			Working Temperature (°C)	Storage Temperature (°C)
						Min	Typ	Max		
4.3	HDW043_001L	Capacitive	IPS	250	480*800	3.6	5	6	-10~60	-20~70
4.3	HDW043_A5001L	Capacitive	IPS	250	480*800	12	12	36	-10~60	-20~70
5.0	HDW050_003L	Capacitive	TN	250	800*480	3.6	5	6	-20~70	-30~80
7.0	HDW070_007L	Capacitive	IPS	250	1024*600	9	12	36	-20~70	-30~80
7.0	HDW070_008L	Capacitive	TN	250	800*480	9	12	36	-20~70	-30~80
7.0	HDW070_008LZ01	Capacitive	TN	800	800*480	9	12	36	-20~70	-30~80
7.0	HDW070_008LZ02	Capacitive	IPS	600	1024*600	9	12	36	-20~70	-30~80
7.0	HDW070_008LZ04	Capacitive	TN	800	800*480	7	12	36	-20~70	-30~80
7.0	HDW070_008LZ05	Capacitive	IPS	600	1024*600	7	12	36	-20~70	-30~80
7.0	HDW070_A5001L	Capacitive	IPS	250	1024*600	6	12	36	-20~70	-30~80
7.0	HDW070_DPL001	Capacitive	TN	250	800*480	9	12	36	-20~70	-30~80
8.0	HDW080_002LC	Capacitive	IPS	500	1024*768	9	12	36	-10~60	-20~70
8.0	HDW080_A5001L	Capacitive	IPS	250	1024*768	9	12	36	-20~70	-30~80



HDW070_008L

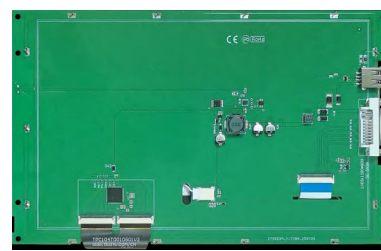
Inch	Model	Touch Type	LCD Type	Brightness (nit)	Resolution (H*V)	Power Voltage(V)			Working Temperature (°C)	Storage Temperature (°C)
						Min	Typ	Max		
10.1	HDW101_001L	Capacitive	IPS	200	1024*600	9	12	36	-20~70	-30~80
10.1	HDW101_001LZ01	Capacitive	IPS	200	1024*600	6	12	36	-20~70	-30~80
10.1	HDW101_004L	Capacitive	IPS	300	1280*800	9	12	36	-10~50	-20~60
10.1	HDW101_001LZ08	Capacitive	IPS	450	1024*600	9	12	36	-20~70	-30~80
10.1	HDW101_001LZ09	Capacitive	IPS	500	1024*600	9	12	36	-20~70	-30~80
10.1	HDW101_A5001L	Capacitive	IPS	450	1024*600	9	12	36	-20~70	-30~80
10.1	HDW101_007L	Capacitive	IPS	300	1280*800	12	12	36	-20~70	-30~80
10.1	HDW101_007LZ01	Capacitive	IPS	900	1280*800	9	12	36	-30~85	-30~85
10.4	HDW104_001L	Capacitive	IPS	300	1024*768	6	12	36	-20~70	-30~80
10.4	HDW104_001RTD	Capacitive	IPS	300	1024*768	9	12	30	-20~70	-30~80
12.1	HDW121_001L	Capacitive	TN	300	1280*800	12	12	36	-30~80	-30~80
15.0	HDW150_004L	Capacitive	IPS	250	1024*768	7	12	36	-20~70	-20~80
15.6	HDW156_001L	Capacitive	IPS	250	1920*1080	12	12	36	0~50	-20~60
18.5	HDW185_001L	Capacitive	IPS	200	1366*768	12	15	36	-20~70	-30~80
19.0	HDW190_AWTC	Capacitive	IPS	250	1280*1024		12		0~50	-20~60
21.5	HDW215_001L	Capacitive	IPS	200	1920*1080	15	24	36	0~50	-20~60
21.5	HDW215_002L	Capacitive	IPS	300	1920*1080	220	0~50	-20~60		
21.5	HDW215_004L	Capacitive	IPS	800	1920*1080	18	24	36	-20~70	-30~80



HDW101_001L

5.2 LVDS Screen

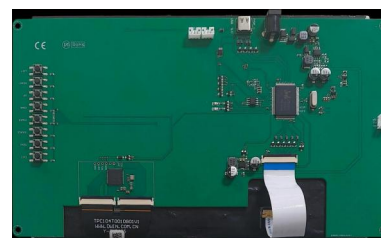
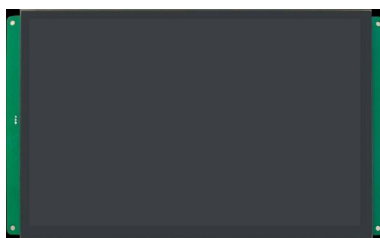
Inch	Model	Touch Type	LCD Type	Brightness (nit)	Resolution (H*V)	Power Voltage(V)			Working Temperature (°C)	Storage Temperature (°C)
						Min	Typ	Max		
7.0	HDW070_002L	Resistive	TN	600	800*480	3.6	5	6	-20~70	-30~85
7.0	HDW070_003L	Resistive	TN	600	800*480	5	12	15	-20~70	-30~85
7.0	HDW070_004L	Resistive	TN	600	800*480	4.6	5	6	-20~70	-30~85
7.0	HDW070_005L	Capacitive	TN	750	800*480	3.6	5	6	-20~70	-30~85
7.0	HDW070_005LGW	Capacitive	TN	750	800*480	3.6	5	6	-20~70	-30~80
7.0	HDW070_005LGWS	Capacitive	TN	750	800*480	3.6	5	6	-20~70	-30~80
7.0	HDW070_NR	Resistive	TN	900	800*480	3.6	5	6	-20~70	-30~80
8.0	HDW080_001L	Resistive	TN-EWV	500	800*600		5		-20~70	-30~85
9.7	HDW097_001L	Resistive	TN-EWV	300	1024*768	3.6	5	6	-20~70	-30~85
10.1	HDW101_007LZ02	Capacitive	IPS	1100	1280*800	3.6	5	6	-30~80	-30~80



HDW101_007LZ02

5.3 DP Screen

Inch	Model	Touch Type	LCD Type	Brightness (nit)	Resolution (H*V)	Power Voltage(V)			Working Temperature (°C)	Storage Temperature (°C)
						Min	Typ	Max		
10.1	HDW101_007LDP	Capacitive	IPS	500	1280*800		5		-20~70	-30~80

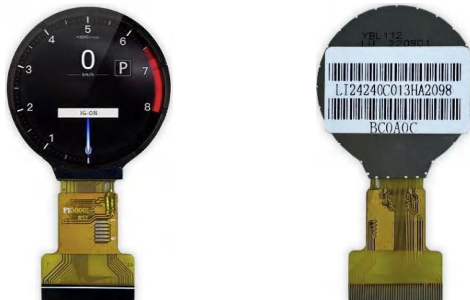


HDW101_007LDP

6 LCD Panel & Touch Panel

6.1 TFT LCD

Size	Model NO.	LCD Type	Resolution	LCD Interface	Brightness (cd/m ²)	LCD Outline(mm)	Voltage for LED
1.3	LI24240C013HA2098	IPS	240*240	RGB_18bit 40PIN_0.5mm	200	35.6×38.1×1.6	3V
1.54	LI24240T015HA5598	IPS	240*240	4SPI 12PIN_0.5mm	550	33.72×31.52×1.77	3.2V
1.6	LI40400T016BA2598	IPS	400*400	QSPI 16PIN_0.5mm	250	42.94×45.87×2.11	9V
2	LI24320T020SA3598	IPS	240*320	RGB_18bit 40PIN_0.5mm	350	36.0×51.6×2.4	3V
2.4	LN32240T024SA3098	TN	240*320	RGB_18bit 40PIN_0.5mm	300	42.72×59.4×2.30	12.8V
2.8	LN32240T028SA3598	TN	240*320	RGB_18bit 40PIN_0.5mm	350	49.5×68.7×2.15	12.8V
	LI48480T028BA3098	IPS	480x480	RGB_24bit 40PIN_0.5mm	300	73.03×76.48×2.3	12V
3.5	LI48320T035IB3098	IPS	320*480	RGB_24bit 40PIN_0.5mm	300	54.5×83.0×2.1	9.3V
4.1	LI72720T041TA3598	IPS	720*720	MIPI 40PIN_0.5mm	350	77.98×82×2.13	9.8V
4.3	LN48272T043IB3598	TN	480*272	RGB_24bit 40PIN_0.5mm	300	105.4×67.1×2.95	12V
	LI48800T043TD3098	IPS	480*800	RGB_24bit 40PIN_0.5mm	300	60.86×102.57×2.7	15V
	LI48800T043TC3098	IPS	480*800	RGB_24bit 40PIN_0.5mm	300	67.1×105.4×3.0	15V
5	LI80480C050HA9098	IPS	800*480	RGB_24bit 40PIN_0.5mm	900	120.7×75.8×3.0	12V
	LN80480T050IA4098	TN	800*480	RGB_24bit 40PIN_0.5mm	400	120.7×75.8×3.0	18V
	LN80480T050IA9098	TN	800*480	RGB_24bit 40PIN_0.5mm	900	120.7×75.8×3.0	12V
	LI12720T050TA3098	IPS	720*1280	MIPI 40PIN_0.5mm	300	66.10x118.30x1.61	9.6V



LI24240C013HA2098

Size	Model NO.	LCD Type	Resolution	LCD Interface	Brightness (cd/m ²)	LCD Outline (mm)	Voltage for LED
7	LN80480T070IA3098	TN	800*480	RGB_24bit 50PIN_0.5mm	300	165×100×5.7	9V
	LN80480T070IA9098	TN	800*480	RGB_24bit 50PIN_0.5mm	900	164.9×100×5.6	9V
	LN80480T070IB3098	TN	800*480	RGB_24bit 50PIN_0.5mm	300	165×100×3.3	9V
	LN80480T070IC3098	TN	800*480	RGB_24bit 50PIN_0.5mm	300	165×100×3.5	9V
	LI10600T070IA3098	IPS	1024*600	RGB_24bit 50PIN_0.5mm	300	165×100×3.5	9.3V
	LI10600T070IA7098	IPS	1024*600	RGB_24bit 50PIN_0.5mm	700	164.9×100.0×2.8	9.3V
8	LN80600T080IA4098	TN	800*600	RGB_24bit 50PIN_0.5mm	400	183.0×141.0×5.6	9V
	LI10768T080IA3098	IPS	1024*768	LVDS 40PIN_0.5mm	300	183.0×141.0×3.3	9V
	LN80600T080IA9098	TN	800*600	RGB_24bit 50PIN_0.5mm	900	183.0×141.0×5.6	9.3V
10.1	LI10600T101IC2598	IPS	1024*600	RGB_24bit 50PIN_0.5mm	250	235.0×143.0×5.2	9.9V
10.4	LN80600T104IA4598	TN	800*600	RGB_24bit 60PIN_0.5mm	450	228.5×175.5×5.9	9.6V



LN80480T070IC3098

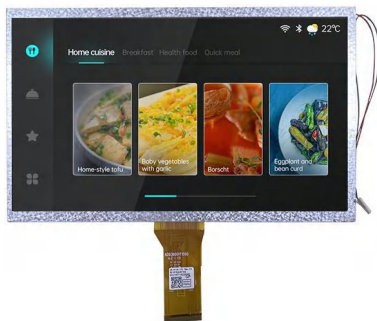
6.2 TFT LCD with TP (Touch Panel)

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_V1-2(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	TPC043Z0002G01V5(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



LN80480T050IA9098-TR

Size	Model No.	TP Model No	TP IC	Touch Type
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
	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



LI10600T101IC2598-TR

6.3 Touch Panel

6.3.1 Capacitive Touch Panel

Size	Model NO.	Structure	View Area (mm)	Outsize (mm)	Interface	Lens Thickness (mm)	Sensor Thickness (mm)
2	TPC020T0001G01V1	G+G	30.60(L)×40.80(W)	36.00(L)×51.60(W)×1.63(T)	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)	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)	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)	I2C	0.7	0.7
5	GME0831B	G+G	108.60(L)×65.40(W)	119.25(L)×77.03(W)×1.98(T)	I2C	1.1	0.55
7	TPC070T0050G01V1	G+G	154.08(L)×85.92(W)	164.6(L)×99.7(W)×1.6(T)	I2C	0.7	0.7
8	TPC080Z0009G01V1	G+G	122.2(L)×162.6(W)	141(L)×183(W)×1.6(T)	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)	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)	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)	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)	I2C	1.1	1.1



TPC020T0001G01V1



GME0831B



TPC070T0050G01V1

6.3.2 Resistive Touch Panel

Size	Model NO.	Structure	Active Area(mm)	Outsize(mm)	FPC length(mm)	FPC thickness(mm)
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	HR48537-8.0/YF0 8001	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	HR48545-10.4	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



YF04303



YF07002



HR48537-8.0

7 Switching Power

7.1 AC-DC Power Module

Model	Max Power (W)	Input Voltage Rang(V)	Output Voltage (V)	Current (mA)	Efficiency (%)	Max. Capacitive Load (uF)	Standby Power Consumption	Operation/Storage(°C)	Size(mm)	Certification
ADM360K120S001A	36W	100-240 VAC	DC12V	3000mA	89	5000	0.075W	-40~+70/ -40~+85	65.8*44.55 *26.03	EN60601-1/ CLASSII/CE
ADM360K240S001A	36W	100-240 VAC	DC24V	1500mA	90	2000	0.075W	-40~+70/ -40~+85	65.8*44.55 *26.03	N60601-1/ CLASSII/CE
ADM450K150S001A	45W	100-240 VAC	DC15V	3000mA	88	7000	0.075W	-40~+70/ -40~+85	115.25*52.2 *31.5	N60601-1/ CLASSII/CE



AC-DC Power Module

7.2 Wall-mounted Power Adapter

Model	Max Power (W)	Input Voltage Rang(V)	Output Voltage (V)	Current (mA)	Efficiency (%)	Max. Capacitive Load (uF)	Standby Power Consumption	Operation/Storage(°C)	Size(mm)	Certification
ADA100K050S001A	10W	100-240 VAC	DC5V	2000mA	76	5500	0.075W	-40~+70/ -40~+85	70*47*48	EN60601-1/ CLASSII/CE
ADA360K090S001A	36W	100-240 VAC	DC9V	4000mA	88	7000	0.075W	-40~+70/ -40~+85	70*47*48	EN60601-1/ CLASSII/CE
ADA360K120S001A	36W	100-240 VAC	DC12V	3000mA	89	5000	0.075W	-40~+70/ -40~+85	70*47*48	EN60601-1/ CLASSII/CE
ADA360K240S001A	36W	100-240 VAC	DC24V	1500mA	90	2000	0.075W	-40~+70/ -40~+85	70*47*48	EN60601-1/ CLASSII/CE
ADA150K050S001A	15W	100-240VAC	DC5V	3000mA	82	6000	0.075W	-40~+70/- 40~+85	70*47*48	EN60601-1/ CLASS II/CE

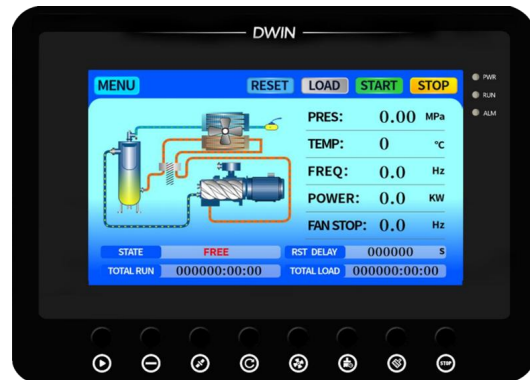
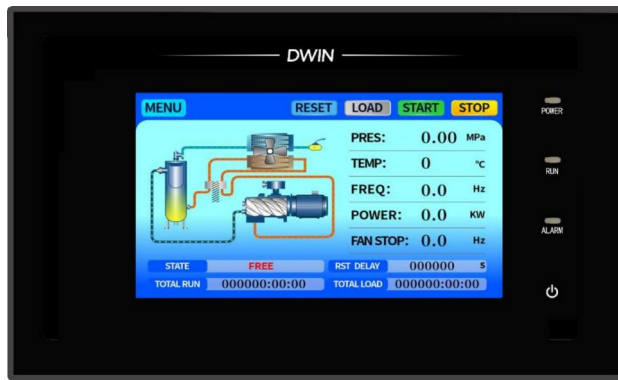


7.3 Desktop Power Adapter

Model	Max Power (W)	Input Voltage Rang(V)	Output Voltage (V)	Current (mA)	Efficiency (%)	Max. Capacitive Load (uF)	Standby Power Consumption	Operation/Storage(°C)	Size(mm)	Certification
ADA360K090S001B	36W	100-240 VAC	DC9V	4000mA	90	7000	0.075W	-40~+70/ -40~+85	88.5*50.5 *31.5	EN60601-1/ CLASSII/CE
ADA360K120S001B	36W	100-240 VAC	DC12V	3000mA	89	5000	0.075W	-40~+70/ -40~+85	88.5*50.5 *31.5	EN60601-1/ CLASSII/CE
ADA360K240S001B	36W	100-240 VAC	DC24V	1500mA	90	2000	0.075W	-40~+70/ -40~+85	88.5*50.5 *31.5	EN60601-1/ CLASSII/CE
ADA450K150S001B	45W	100-240 VAC	DC15V	3000mA	88	7000	0.075W	-40~+70/ -40~+85	119.36*55.3 *33.6	EN60601-1/ CLASSII/CE
ADA540K180S001B	54W	100-240VAC	DC18V	3000mA	89	/	0.2W	-10~+40/- 20~+85	126*50*30	EN60601-1/ CLASSII/CE
ADA720K240S001B	72W	100-240VAC	DC24V	3000mA	89	/	0.2W	-10~+50/- 20~+85	133*58*30	EN60601-1/ CLASSII/CE
ADA720K480S001B	72W	100-240VAC	DC48V	1500mA	88	7000	0.075W	-40~+70/- 40~+85	126*50*30	EN60601-1/ CLASS II/CE



8 Air Compressor



Model	Size	Resolution	Type
AP48270T043WTR01	4.3	480*270	VFD Controller
AP80480T070WTR01	7	800*480	VFD Controller
AP48270G043WTR01	4.3	480*270	Fixed Speed Controller
AP80480G070WTR01	7	800*480	Fixed Speed Controller
AP48270Y043WTR01	4.3	480*270	All-in-one
AP80480Y070WTR01	7	800*480	All-in-one

9 Screens with Special Features

9.1 Circular UART Screen

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.



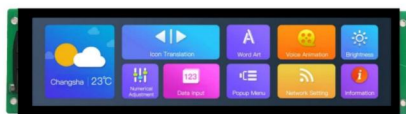
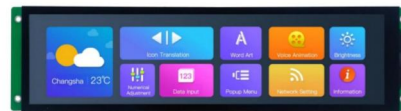
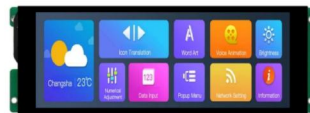
Features

- 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.

DWIN Technology Circular Screen Selection Guide

Size	LCD Type	Touch Type	Model	Resolution (H*V)	Brightness (nit)	Operating Voltage (V)	Operating Temperature (°C)
COB Structure							
1.3	IPS	GFF	DMG24240C013_03W	240*240	150,200	4.5-5.5	-10/+60
1.6	IPS	GFF	DMG40400C016_03W	400*400	250,300	4.5-5.5	-20/+70
2.1	IPS	GF	DMG48480C021_02W	480*480	350,400	4.5-5.5	-20/+70
2.1	IPS	GF	DMG48480C021_03W	480*480	350,400	4.5-5.5	-20/+70
2.1	IPS	GFF	DMG48480C021_04W	480*480	350	4.5-5.5	-20/+70
2.1	IPS	GFF	DMG48480C021_18WTC	480*480	350	4.5-5.5	-20/+70
2.8	IPS	GFF	DMG48480C028_03W	480*480	300	4.5-5.5	-20/+70
4	IPS	CG	DMG72720C040_03WTC	720*720	250	5-15	-20/+70
COF Structure							
1.3	IPS	—	DMG24240F013_03WN	240*240	350	4.5-5.5	-10/+60
1.3	IPS	—	DMG24240F013_05WN	240*240	250	4.5-5.5	-10/+60
1.6	IPS	GFF	DMG40400F016_06W	400*400	50,250,300	4.5-5.5	-10/+60
2.1	IPS	GFF	DMG48480F021_01W	480*480	50,350,400	3.6-5.5	-10/+60
2.1	IPS	—	DMG48480F021_05WN	480*480	300	4.5-5.5	-10/+60
2.1	IPS	GFF	DMG48480F021_06W	480*480	100,350,400	4.5-5.5	-10/+60
2.1	IPS	GFF	DMG48480F021_01WTCZG2	480*480	300	4.5-5.5	-10/+60
2.1	IPS	GFF	DMG48480F021_18WTC	480*480	300	4.5-5.5	-10/+60
4.3	TV-TN	—	DMG48270F043_05WNZ06	480*272	200	3.3-5.5	-10/+60
Circular rotary screen with encoder shell							
1.28	IPS	—	DMG24240C013_13WN	240*240	400	4.5-5.5	-20/+70
1.28	IPS	—	DMG24240C013_13WNZK1	240*240	300	4.5-5.5	-20/+70
1.28	IPS	—	DMG24240C013_13WNZK2	240*240	300	4.5-5.5	-20/+70
1.54	IPS	—	DMG24240C015_13WN	240*240	—	4.5-5.5	-20/+70
1.6	IPS	—	DMG40400C016_13WNZ154	400*400	300	4.5-5.5	-20/+70
2.1	IPS	GFF	DMG48480C021_13WTC	480*480	350	4.5-5.5	-20/+70
2.1	IPS	GFF	DMG48480C021_12WTC	480*480	350	4.5-5.5	-20/+70

9.2 Bar-type UART Screen



Features

- Slim, elongated design ideal for bar-type displays like gauges and progress bars.
- UART control with minimal wiring, saving space and simplifying integration.
- Layout-optimized for bar-type integration, enabling coherent information presentation and directional clarity.

Size	LCD Type	Touch Type	Model	Resolution (H*V)	Brightness (nit)	Operating Voltage (V)	Signal Interface
4.0	IPS	R4/CG	DMG40960F040_01W	400*960	200, 250, 300	3.6-5.5	TTL*3
3.7	IPS	R4/CG	DMG96240C037_03W	240*960	300, 350, 400	4.5-5.5	TTL*2
6.5	IPS	IncCell	DMG12452C065_03WTC	452*1280	400	5-15	TTL/232
6.8	IPS	R4/CG	DMG12480C068_03W	480*1280	250, 300	9-36	TTL/232
7.4	IPS	R4/CG	DMG12400C074_03W	1280*400	650, 700	9-36	TTL/232
8.88	IPS	R4/CG	DMG19480C088_03W	480*1920	200, 250, 300	9-36	TTL/232
8.88	IPS	R4/CG	DMG19480T088_01W	480*1920	150, 200, 250	9-36	TTL/232
10.4	IPS	CG	DMG16720C104_05W	720*1600	350	12-35	TTL/232

9.3 2K HD LCD Module



Features

- Come with a resolution of 1920*1080
- 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.

9.3.1 2K HD UART Screen

(For specific parameters, please refer to section 1 “UART Screen” based on their sizes)

Size	LCD Type	Touch Type	Model	Resolution (H*V)	Brightness (nit)	Operating Voltage (V)	Operating Temperature (°C)	Grade
3.4	IPS	R4/CG	DMG19108T034_05W	1920*1080	400,450,500	4.5-5.5	-20/+70	Industrial
10.1	IPS	R4/CG	DMG19108T101_05W	1920*1080	200,250,400	12-36	-20/+70	Industrial
11.6	IPS	R4/CG	DMG19108C116_05W	1920*1080	150,200,250	12-36	-10/+60	Commercial
12.5	IPS	CG	DMG19108T125_05WTC	1920*1080	200	12-36	0/+50	Industrial
13.3	IPS	GG	DMG19108C133_05W	1920*1080	200	12-36	0/+50	Commercial
13.3	IPS	CG	DMG19108K133_05W	1920*1080	200	12-36	-20/+70	Medical
14.0	IPS	R4/CG	DMG19108C140_05W	1920*1080	200,250,300	12-36	0/+50	Commercial
15.6	IPS	CG	DMG19108C156_05W	1920*1080	250,300	12-36	0/+50	Commercial
15.6	IPS	CG/GFF	DMG19108K156_05W	1920*1080	200	12-36	-10/+60	Medical
15.6	IPS	CG	DMG19108C156_05WTCZ02	1920*1080	50	12-36	-10/+60	Commercial
17.3	IPS	GFF	DMG19108C173_05W	1920*1080	200,250	12-36	0/+50	Commercial
18.5	IPS	GFF/GG	DMG19108C185_05W	1920*1080	200	15-36	0/+50	Commercial
18.5	IPS	GFF/GG	DMG19108K185_05WTC	1920*1080	200	15-36	0/+50	Medical
21.5	IPS	GFF	DMG19108C215_05W	1920*1080	150	15-36	0/+50	Commercial
21.5	IPS	GFF	DMG19108K215_05WTC	1920*1080	150	15-36	0/+50	Medical

9.3.2 2K HD Video Screen

Size	Model	Resolution (H*V)	LCD Type	Touch Type	Color	Brightness (nit)	Operating temperature (°C)	Category
15.6	DT321X190020Z240101H	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	-10°C~60°C (12V)	Advertising Screen
18.5	DT321X190020Z240101I	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	200	0°C~50°C (15V)	Advertising Screen
21.5	DT321X190020Z240101J	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	200	0°C~50°C (15V)	Advertising Screen
15.6	DT321X190020Z240103M	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	-20°C~70°C (12V)	Beauty Screen
15.6	DT420X240422Z241101A	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	-10°C~60°C (12V)	Ultrasound Fat Analyzer
7	DT322X220034Z241205Y	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	-20°C~70°C (12V)	Remote Control Screen
15.6	DT321X190020Z240104H	1920*1080	IPS	Capacitive touch	24 bit, 16.7M	250	-10°C~60°C (12V)	Vending Machine Screen

9.4 COF UART Screen



- **Highly Integrated Structure:** The core circuit of the UART screen is integrated on the LCD module's FPC, enabling a lightweight, slim, and space-saving design.
- **Cost-Effective:** The automated LCD bonding line enables high-speed mass production, eliminating the manual assembly process, ensuring high production efficiency and high yield.
- **Easy for Secondary Development:** By exposing interfaces like user core I/O, UART, CAN, AD, and PWM through the FPC, custom development becomes very effortless.



Compatible with different TPs (Touch Panel)

For model selection, please refer to “COF Structure” application grade from “1 UART Screen”

10 Industrial Applications

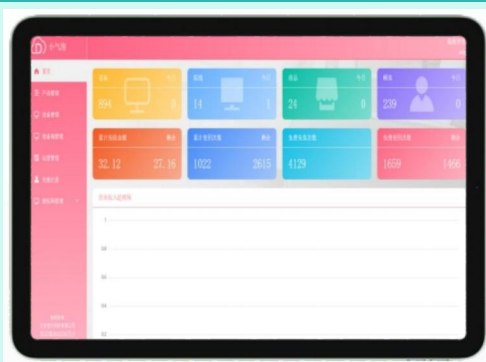
10.1 Skin Analysis Solution

The skin analysis solution all-in-one software and hardware smart solution with AI facial recognition and Skin analysis functions.



Management Backend

Main functions: device management, store management operations management, product management, and skin analysis results.



Mini Program

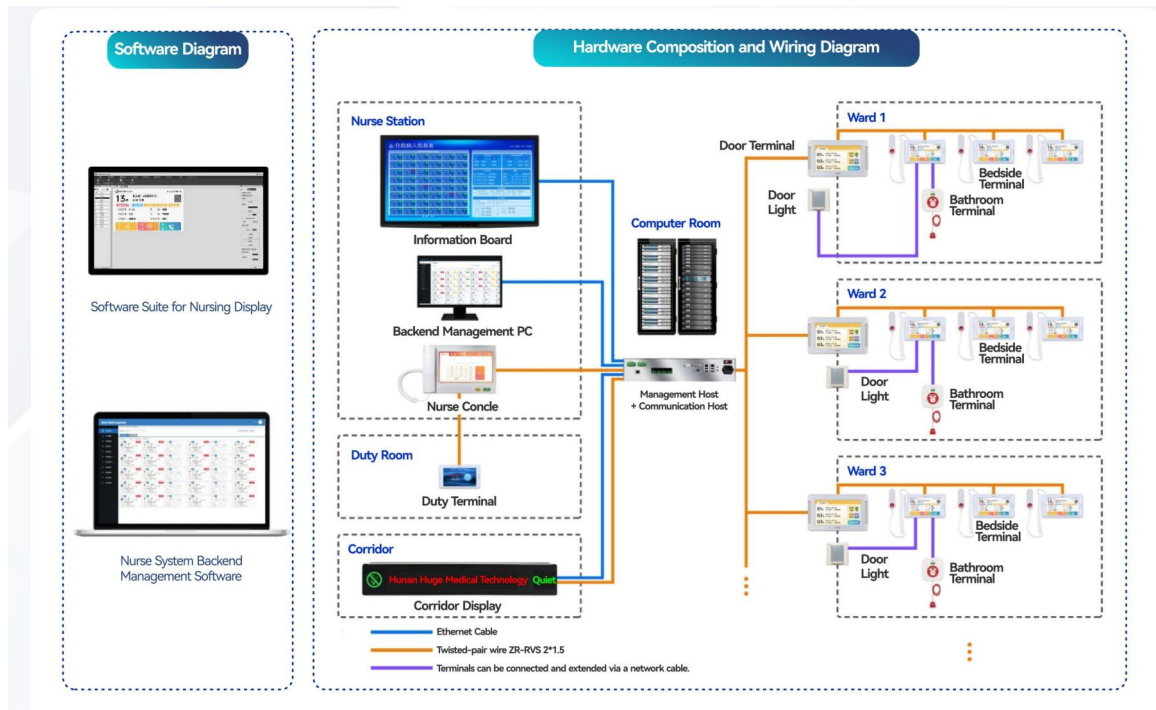
Allows users to conveniently view their skin analysis results.



10.2 Smart Nursing Call System Solution

This smart nursing call system is an all-in-one hardware and software solution, providing intelligent intercom services for medical staff in hospital wards. The system includes nurse console, bedside terminal, door terminal, duty room, bathroom terminal, corridor display, information board and the accompanying software.

It connects directly with the HIS system, enabling instant information exchange and streamlined management.



10.3 Medical Aesthetics Application Solution

The following Scalp Health Analysis solution uses high-definition image capture for AI-powered scalp analysis, providing data on hair color, hair density, and other relevant factors.



10.4 Ultrasound Solution

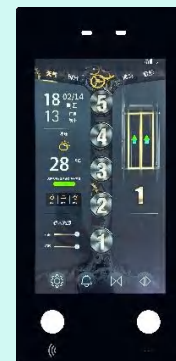
Fat Thickness Meter

Powered by our self-designed chip and algorithm, this fat thickness meter provides a fast and accurate solution. With a millisecond response and ± 1 mm accuracy, it delivers a precise, non-invasive measurement of fat thickness.



Surface Acoustic Wave (SAW) Touchscreen

The SAW touchscreen supports extra-thick covers (over 10mm) and is well-suited for use in environments requiring protection from explosions and strong electromagnetic interference.





Official Website



Alibaba



LinkedIn



YouTube

Official Website: www.dwin-global.com

Global Service Hotline: +864000189008

Corporate Email: dwinhmi@dwin.com.cn

Headquarters: F18, Building 5, Jia 2, North Xisanhuan Road, Haidian Dist, Beijing, China, 100081

Manufacturing & Service Base: No. 8, Venture Avenue, Zhangjiang Innovation Park, Taoyuan County, Hunan Province

Changsha Branch: Room 1203, Jinmao Building, Yuelu District, Changsha

Shenzhen Branch: Room 310, Building A, Zhongguan Times Square, No.4168 Liuxian Avenue, Taoyuan Sub-district, Nanshan District, Shenzhen

Guangzhou Branch: Rooms 1204-1207, Building B3, Times E-Park, Hanxi Avenue East, Panyu District, Guangzhou

Suzhou Branch: Rooms 1906-1907, 19th Floor, Building A, Suzhou World Trade Center, No. 1588 Suzhou Railway Station Road, Gusu District, Suzhou

Hangzhou Branch: Room 1015, Building 19, Huaxia Zhixin, Shidai Tianyuancheng, Yuhang District, Hangzhou

Nanjing Branch: Room 407, Building D1, Intercity Space Station, South Square of Nanjing South Railway Station, Jiangning District, Nanjing

Chengdu Branch: Room 810, Building B, China Resources Plaza, No. 8 Liuli Road, Jinjiang District, Chengdu

Wuhan Branch: Room 1105, Building D, Zhongxing Times, No. 79 Xudong Avenue, Hongshan District, Wuhan

Qingdao Branch: Room 202-6, Hongfu international Building, No. 270 Tai Liu Road, Shibei District, Qingdao

Headquarters: F18, Building 5, Jia 2, North Xisanhuan Road, Haidian Dist,