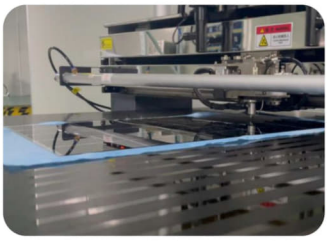
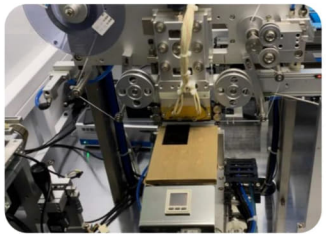
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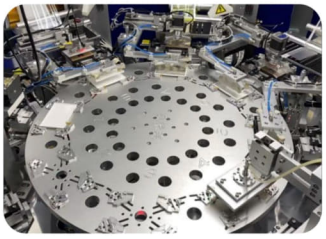
## LCM



LCD Panel Cutting



FOG

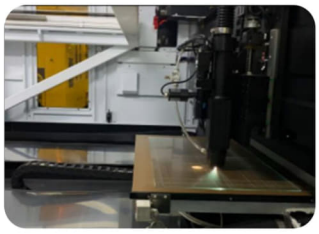


Backlight

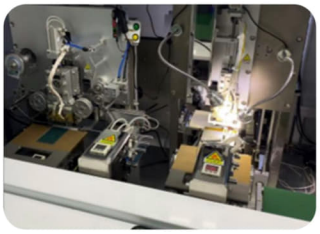


LCM Aging

## CTP



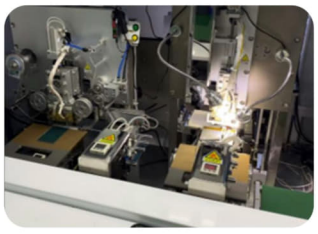
Automatic Glass Cutting



CNC

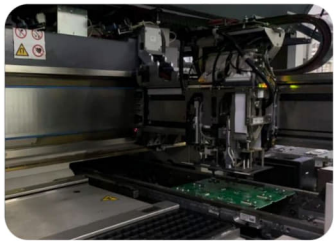


Silk Printing



FPC Bonding

## SMT



High-speed Pick & Place Machine

## Metal



Laser Machine Cutting

# Customization



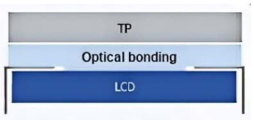
Shape



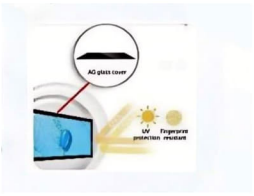

Logo



Size



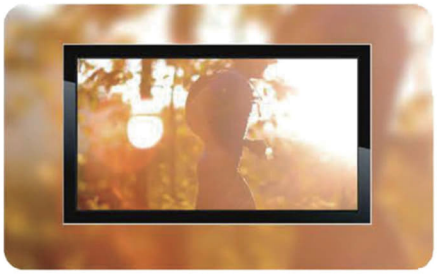

Process



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℃ to 85℃), 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.

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# 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<br>“2”: Analog video platform; “3”: System products (Android and Linux platform)<br>“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<br>“T”: Touch Panel<br>“R”: Resistance Touch Panel<br>“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.<br>The LCD or touch screen may be damaged if it is used outdoors for a long time.<br>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.




## DWIN Screen Size Selection



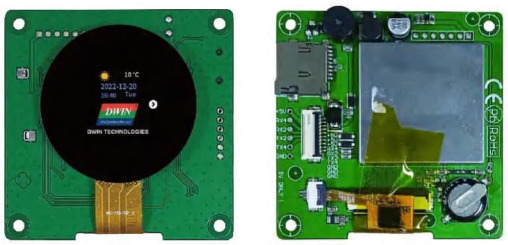
## 1.2 Model Selection

### 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

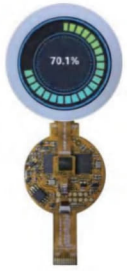
## 1.6 Inch

| 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**

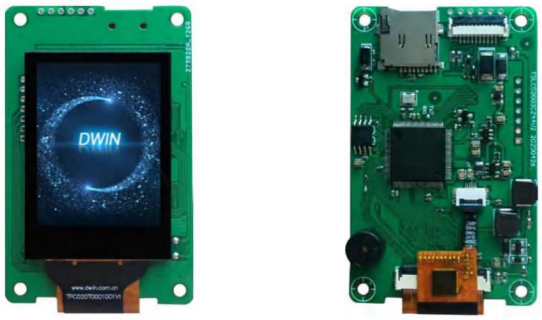
| Application Grade | Model | Size | Resolution (H*V) | LCD Type | Touch Type | Brightness (nit) | Voltage (V) | Signal Interface | User Interface |
|---|---|---|---|---|---|---|---|---|---|
| Commercial | DMG40400C016_13WNZ154 | 1.6 | 400×400 | IPS | — | 300 | 4.5-5.5 | TTL | 6P20F |




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 |

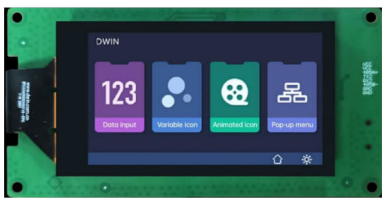


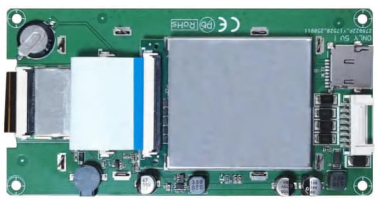


DMG64360K030_01W

## 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 | Incell | 400 | 4.5-5.5 | TTL*2 | 10P10F |
| Industrial | DMG72720T041_06WTC | 4.1 | 720*720 | IPS | Incell | 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 | Incell | 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 | Incell | 250 | 7-15 | TTL | 50P05F |
| Industrial | DMG12720T050_01W | 5.0 | 720*1280 | IPS | R4/Incell | 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 |

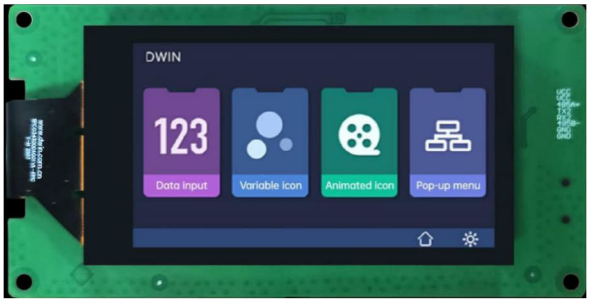




DMG64480K057_03W

## 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 | Incell | 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

## 7.0 Inch

| 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 |

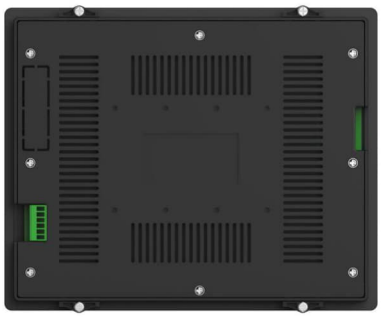



DMG10768T097_01W

## 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 |



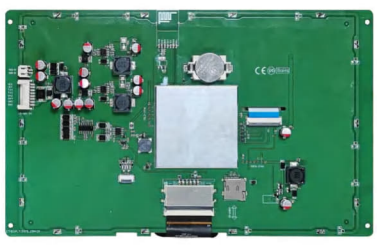


DMG10768T097_15W

## 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 |



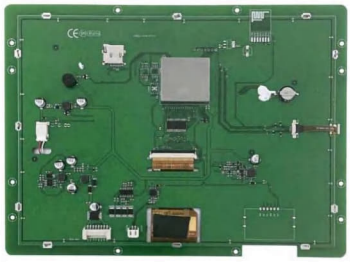


DMG10600C101_15W

## 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 |



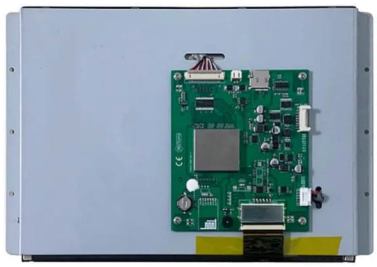


DMG19108C116_05W

## 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 |



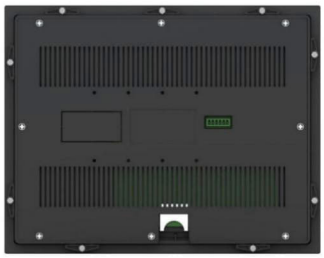


DMG12800K121-03W

## 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 |



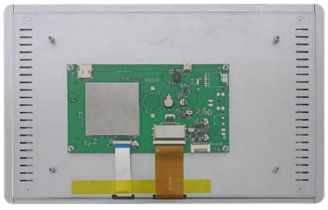


DMG19108T125_05WTC

## 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 |



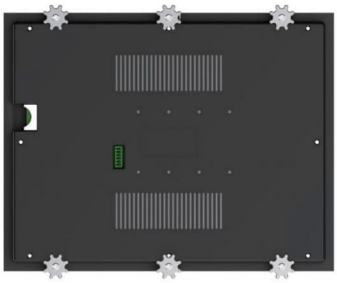


DMG19108C133_05W

## 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 |



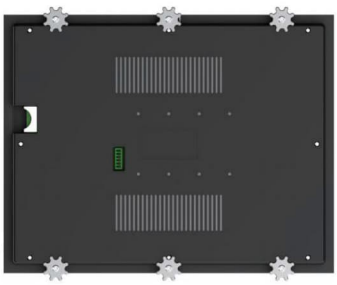



DMG10768T150_01W

## 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 |



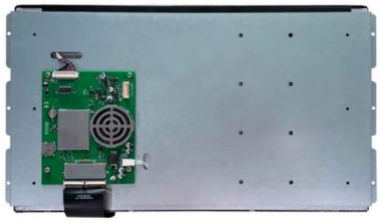


DMG19108C173_05W

## 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 |



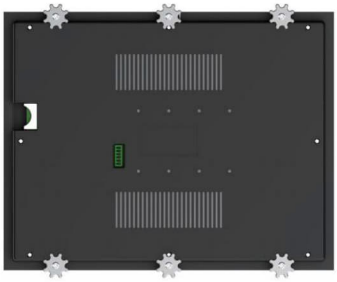



DMG13768C185_03W

## 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

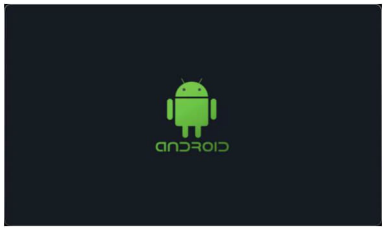
## 2.1 Product Classification

| 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

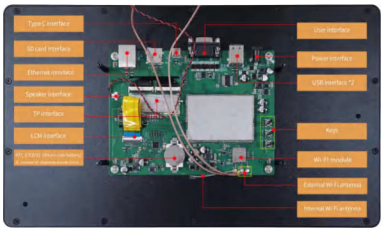
### 2.2.1 31 Series (RK3566 Android Screen with Enclosure)

| Model | Size | LCD Type | Resolution | Brightness | Storage | Working Temp. (℃) | Storage Temp. (℃) | 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 |





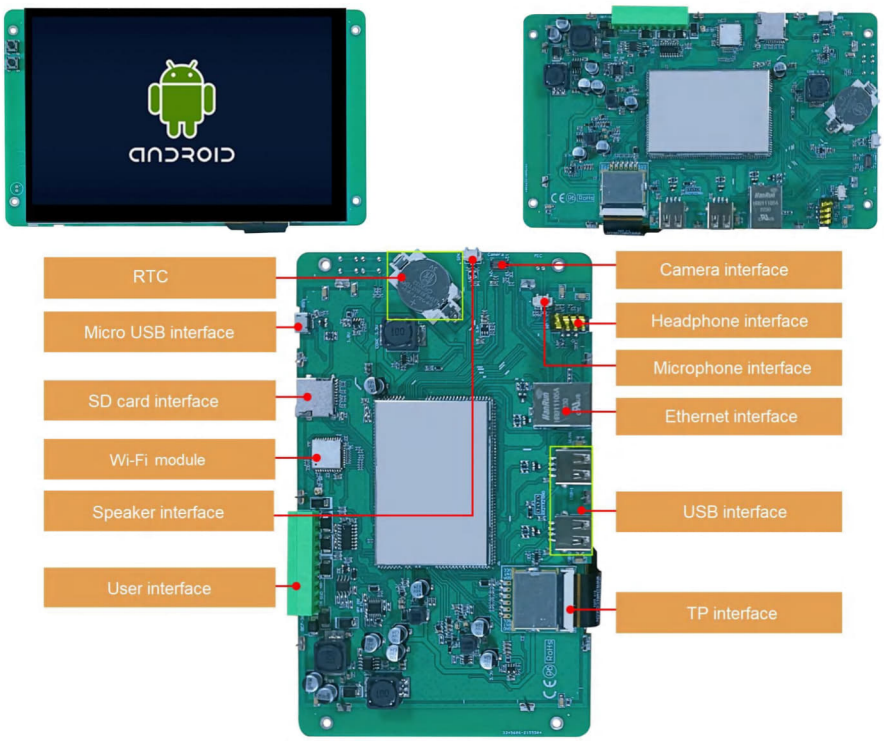


DMG19108C156_31WTC

## 2.2.2 32 Series (RK5666 Android Screen)

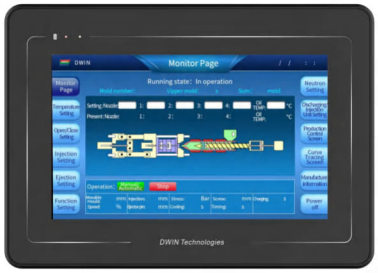
| Model | Size | LCD Type | Resolution | Brightness | Storage | Working Temp. (℃) | Storage Temp. (℃) | Voltage (V) |
|---|---|---|---|---|---|---|---|---|
| DMG80480T050_32WTC | 5.0 | IPS | 800*480 | 250nit | 2GB LPDDR4+ 8GB EMMC | -20 ~ 65 | -30 ~ 80 | 9 ~ 36 |
| DMG10600T070_32WTC | 7.0 | IPS | 1024*600 | 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 |

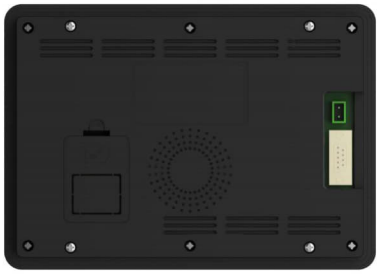


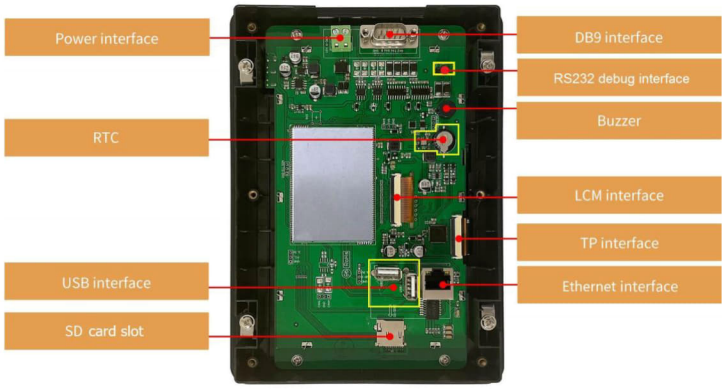

DMG12800T070_32WTCZOS-2

## 2.2.3 35 Series（Allwinner A40I Linux Screen）

| Model | Size | LCD Type | Resolution | Brightness | Storage | Working Temp. (℃) | Storage Temp. (℃) | 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 |



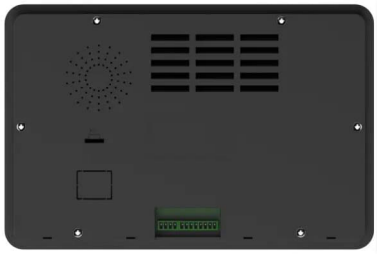


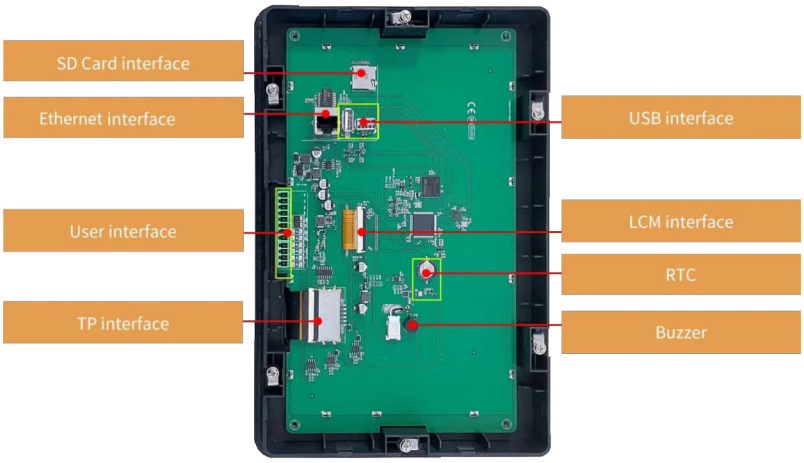

DMT10600T070_35WTC

## 2.2.4 36 Series (Allwinner T113-S3 Linux Screen)

| Model | Size | LCD Type | Resolution | Brightness | Storage | Working Temp. (℃) | Storage Temp. (℃) | 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 |



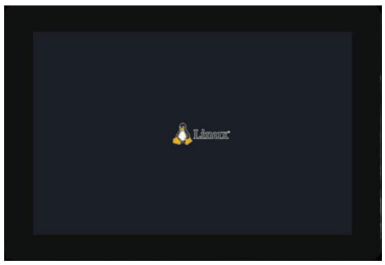


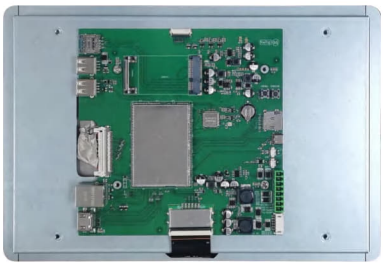


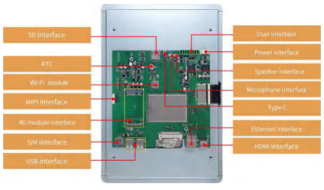

DMT10600T101_36WTC

## 2.2.5 40 Series (RK3566 Linux Screen)

| Model | Size | LCD Type | Resolution | Brightness | Storage | Working Temp. (℃) | Storage Temp. (℃) | 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 |







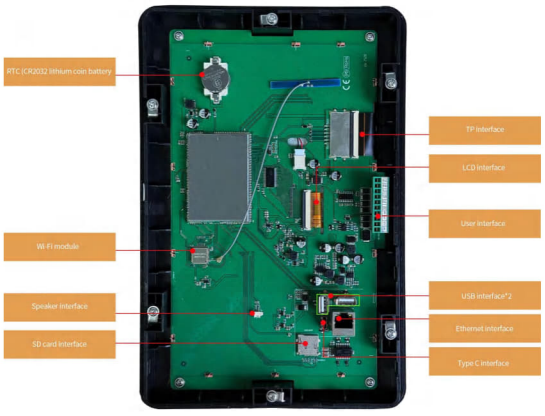
DMG12800T121_40WTC

## 2.2.6 43 Series (RK3566 Linux Screen with Enclosure)

| Model | Size | LCD Type | Resolution | Brightness | Storage | Working Temp. (℃) | Storage Temp. (℃) | 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 |



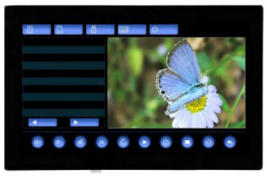


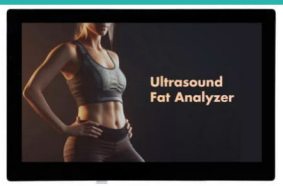




DMG10600T101_43WTC

# 3 Video Screen

## 3.1 Product Classification

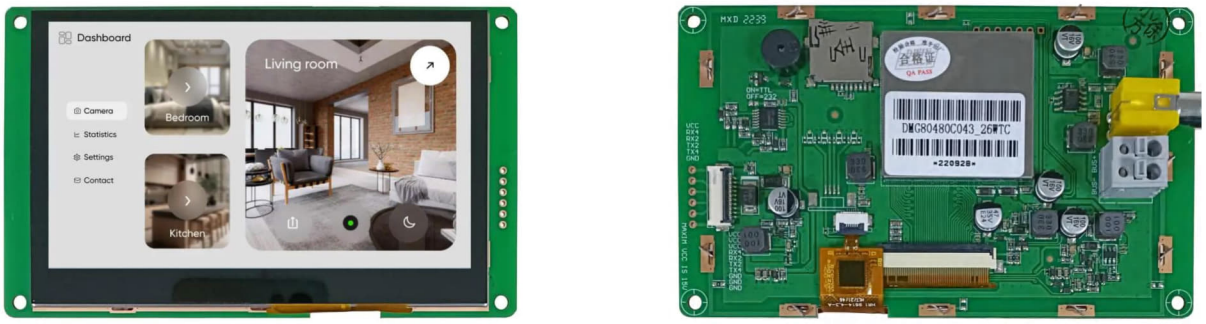
| Product Series | Camera Signal | Function |
|---|---|---|
| 25 Series  | FSK bus camera | 1. Works with the DWIN FSK cameras.<br>2. Supports 31 cameras simultaneous display.<br>3. The maximum transmission distance is 300 meters |
| 41 Series  | USB Camera<br>Digital Signal | 1. Supports image, audio, and video playback, as well as USB camera video recording and screenshot saving function.<br>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.<br>2. Supports camera zooming, screenshot saving functions.<br>3. Supports customized video recording function |
|  | Web camera screen | 1. Supports H.264 encoded RTSP camera. Supports zooming function.<br>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)<br>2. Support Wi-Fi (2.4GHz, 5GHz) and 4G networking,<br>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.<br>2. The detection results can be uploaded to the cloud in real-time and can be viewed through the WeChat mini program.<br>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 ±1mm.<br>2. Convenient structural installation. |
|  | Remote control screen | 1. Supporting remote viewing of the screen interface by the server.<br>2. Remote control of reading and writing VP.<br>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

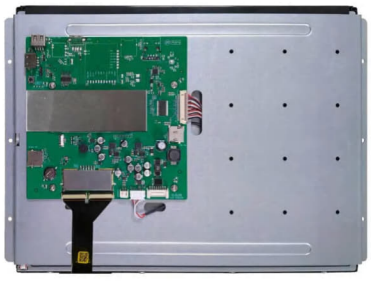
### 3.2.2 41 Series Digital Video Screen

| 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.

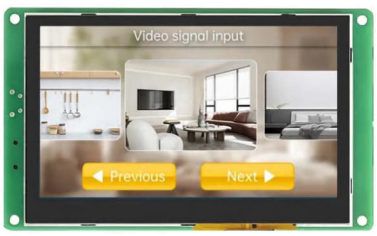


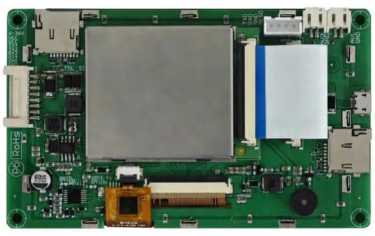



DMG10768T150_41W

### 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 16.7M colors | TTL/RS232*2 | 8Pin_2.0mm | 2pin_ 2.0mm horizontal interface*2 |
| | DT322X220034Z240201B | Capacitive touch | | | | | | |
| | DT322X220034Z240201C | Resistive touch | | | | | | |
| 7.0 | DT322X220034Z240201D | No touch | 1024*600 | IPS | 24-bit 16.7M colors | TTL/RS232*2 | 8Pin_2.54mm | 2pin_ 2.0mm horizontal interface*2 |
| | DT322X220034Z240201E | Capacitive touch | | | | | | |
| | DT322X220034Z240201F | Resistive touch | | | | | | |
| 7.0 | DT322X220034Z240201G | No touch | 800*480 | TN | 24-bit 16.7M colors | TTL/RS232*2 | 8Pin_2.0mm | 2pin_ 2.54mm vertical interface*2 |
| | DT322X220034Z240201H | Capacitive touch | | | | | | |
| | DT322X220034Z240201I | Resistive touch | | | | | | |
| 7.0 | DT322X220034Z240201M | No touch | 1280*800 | IPS | 24-bit 16.7M colors | TTL/RS232*2 | 8Pin_2.0mm | Horizontal 2pin_ 2.0mm * 1 Vertical 2Pin_ 2.54mm * 1 |
| | DT322X220034Z240201N | Capacitive touch | | | | | | |
| | DT322X220034Z240201O | Resistive touch | | | | | | |
| 10.1 | DT322X220034Z240201J | No touch | 1024*600 | 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 |
| | DT322X220034Z240201K | Capacitive touch | | | | | | |
| | DT322X220034Z240201L | Resistive touch | | | | | | |
| 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

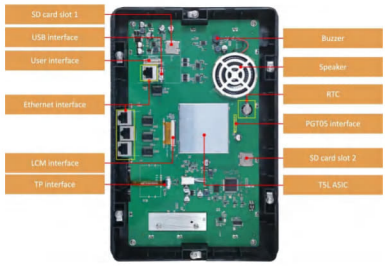
**Notes**:

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 (℃) |
|---|---|---|---|---|---|---|---|---|
| 7.0 | DT321X190020Z240101C | 800*480 | TN | Capacitive touch | 24 bit, 16.7M | 250 | 8Pin_2.0mm | -20℃~70℃ (12V) |
| 8.0 | DT321X190020Z240101D | 800*600 | TN | Capacitive touch | 24 bit, 16.7M | 300 | 8Pin_2.0mm | -20℃~70℃ (12V) |
| 10.1 | DT321X190020Z240101E | 1024*600 | IPS | Capacitive touch | 24 bit, 16.7M | 200 | 8Pin_2.0mm | -20℃~70℃ (12V) |
| 15.6 | DT321X190020Z240101H | 1920*1080 | IPS | Capacitive touch | 24 bit, 16.7M | 250 | 8Pin_2.0mm | -10℃~60℃ (12V) |
| 18.5 | DT321X190020Z240101I | 1920*1080 | IPS | Capacitive touch | 24 bit, 16.7M | 200 | 8Pin_2.0mm | 0℃~50℃ (15V) |
| 21.5 | DT321X190020Z240101J | 1920*1080 | IPS | Capacitive touch | 24 bit, 16.7M | 200 | 8Pin_2.0mm | 0℃~50℃ (15V) |





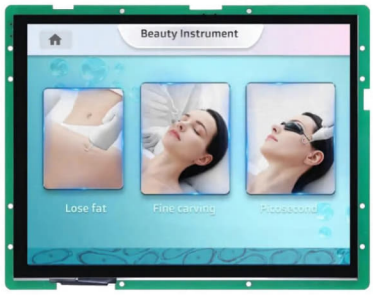

DT321X190020Z240101E

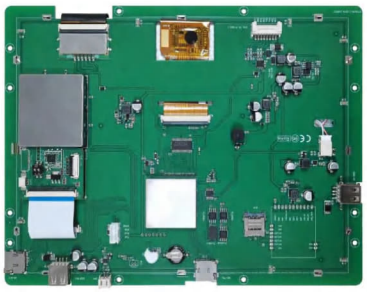
**Notes:**

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 (℃) |
|---|---|---|---|---|---|---|---|---|
| 8 | DT321X190020Z240103N | 800*600 | TN | Capacitive touch | 24 bit, 16.7M | 300 | 8Pin_2.0mm | -20℃~70℃ (12V) |
| 10.1 | DT321X190020Z240103L | 1024*600 | IPS | Capacitive touch | 24 bit, 16.7M | 200 | 8Pin_2.0mm | -20℃~70℃ (12V) |
| 10.4 | DT321X190020Z240103K | 1024*768 | IPS | Capacitive touch | 24 bit, 16.7M | 200 | 8Pin_2.0mm | -20℃~70℃ (12V) |
| 15.6 | DT321X190020Z240103M | 1920*1080 | IPS | Capacitive touch | 24 bit, 16.7M | 250 | 8Pin_2.0mm | -20℃~70℃ (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.

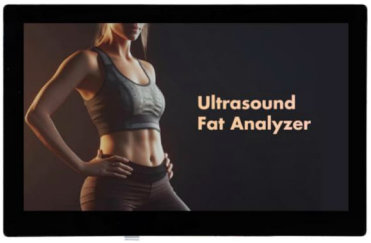
3. Video playback: Support built-in Flash, USB, SD card video reading and playback.

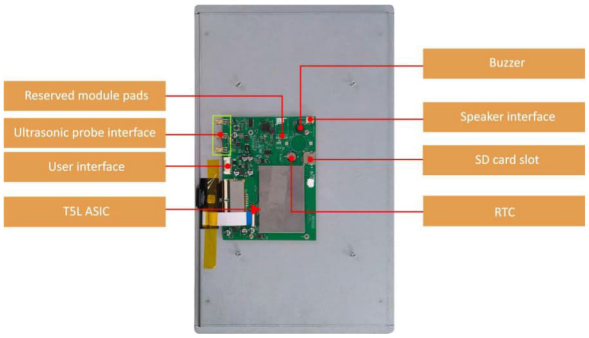
4 Single-channel digital camera USB interface. Supports MP4 format (≤720P) and allows for full-screen display customization of the camera.

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 (℃) |
|---|---|---|---|---|---|---|---|---|
| 15.6 | DT420X240422Z241101A | 1920*1080 | IPS | Capacitive touch | 24 bit, 16.7M | 250 | 8Pin_2.0mm | -10℃~60℃ (12V) |



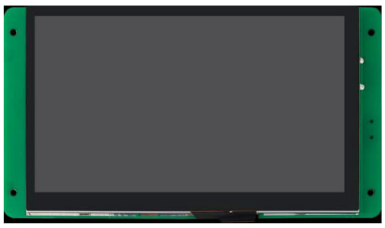

DT420X240422Z241101A

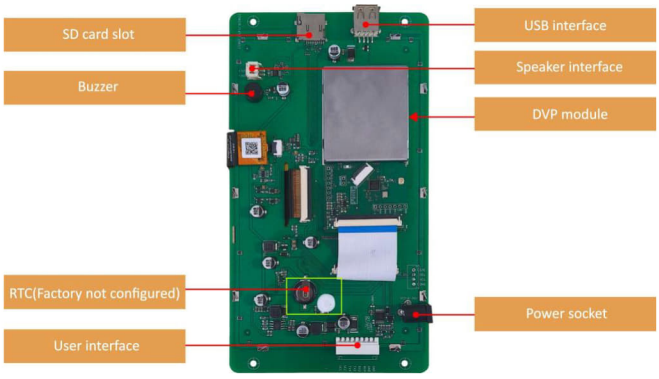
Note:

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 (℃) |
|---|---|---|---|---|---|---|---|---|
| 7 | DT322X220034Z241205Y | 1920*1080 | IPS | Capacitive touch | 24 bit, 16.7M | 250 | 8Pin_2.54mm | -20℃~70℃ (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 (℃) |
|---|---|---|---|---|---|---|---|---|
| 8.88 | DT420X240422Z241102 | 480×1920 | IPS | Capacitive touch | 24 bit, 16.7M | 250 | 8Pin_2.0mm | -20℃~70℃ (12V) |




DT420X240422Z241102

**Note:**

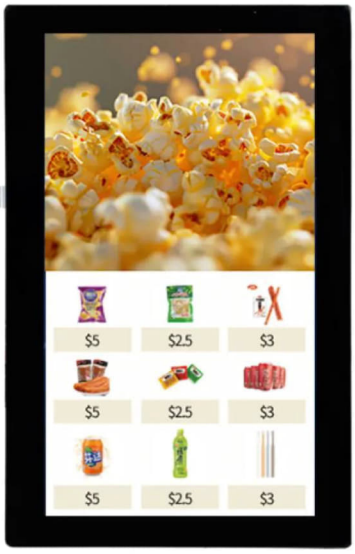
Gesture sensing module: Support gesture recognition.

### 3.2.10 DT Series Vending Machine Screen

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

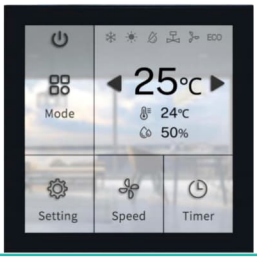





DT321X190020Z240104H

# 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<br>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<br>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.<br>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.<br>Dual NTC Temperature Measurement, ±1℃.<br>Supports Custom Expansion Boards and Back Covers.<br>The pre-set connection points for the rear case and mounting bracket make for flexible and adaptable assembly.<br>A reserved space on top for custom logo engraving.<br>All-in-one black display<br>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 | Bulit-in Tuya WBR3 module |
| 4 | TC040C17W00Z11 | IPS | 480*480 | 250nit | Capacitive | 4Pin_2.0mm, RS485*1 | 9-36V | Bulit-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 | TC040C17W00LXYY | 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 |





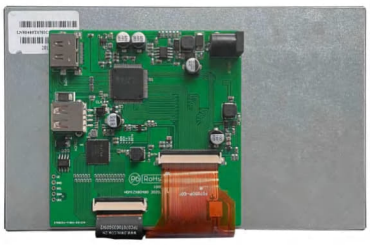

TC040C62U00

# 5 HDW-series Screen

## 5.1 HDMI Screen

| Inch | Model | Touch Type | LCD Type | Brightness (nit) | Resolution (H*V) | Power Voltage(V) | | | Working Temperature (℃) | Storage Temperature (℃) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 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 (℃) | Storage Temperature (℃) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 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 |

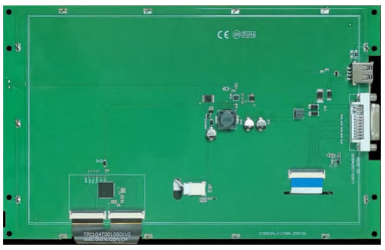





HDW101_001L

## 5.2 LVDS Screen

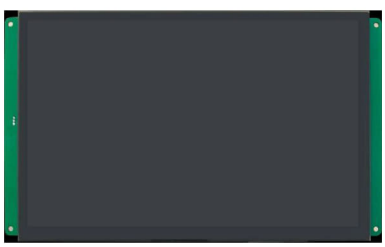
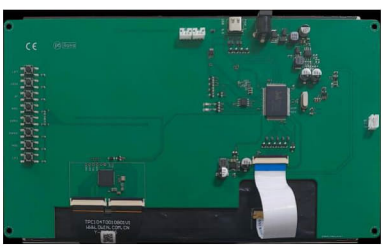
| Inch | Model | Touch Type | LCD Type | Brightness (nit) | Resolution (H*V) | Power Voltage(V) | | | Working Temperature (℃) | Storage Temperature (℃) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Min | Typ | Max | | |
| 7.0 | HDW070_002L | Resistive | TN | 600 | 800*480 | 3.6 | 5 | 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 (℃)* | *Storage Temperature (℃)* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | *Min* | *Typ* | *Max* | | |
| 10.1 | HDW101_007LDP | Capacitive | IPS | 500 | 1280*800 | | 5 | | -20~70 | -30~80 |

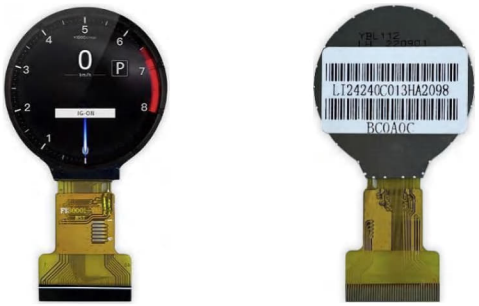



HDW101_007LDP

# 6 LCD Panel & Touch Panel

## 6.1 TFT LCD

| Size | Model NO. | LCD Type | Resolution | LCD Interface | Brightness (cd/m²) | 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/m²) | 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 | 228.5x175.5x5.9 | 9.6V |




LN80480T070IC3098

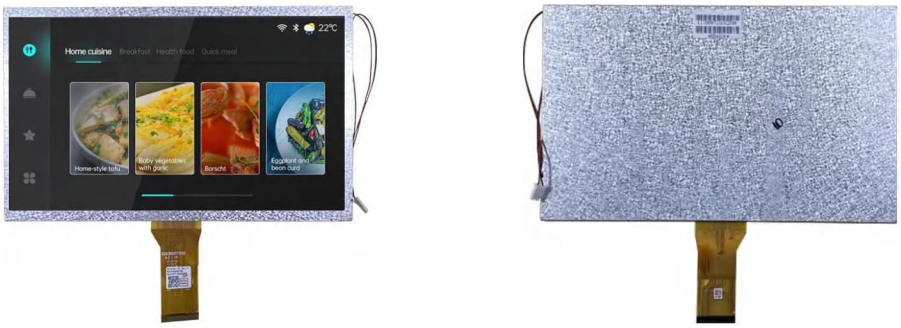
## 6.2 TFT LCD with TP (Touch Panel)

| 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/YF08001 | 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(℃) | 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(℃) | 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(℃) | 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.

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

## 9.4 COF UART Screen







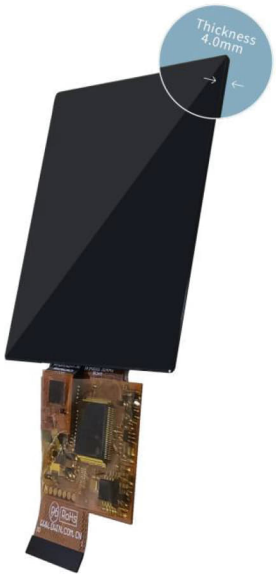



- **Highly Integrated Structure:** The core circuit of the UART screen is integrated on the LCD module's FPC, enabling a lightweight, slim, and space-saving design.
- **Cost-Effective**: The automated LCD bonding line enables high-speed mass production, eliminating the manual assembly process, ensuring high production efficiency and high yield.
- E**asy for Secondary Development**: By exposing interfaces like user core I/0, UART, CAN, AD, and PWM through the FPC, custom development becomes very effortless.










Compatible with different TPs (Touch Panel)

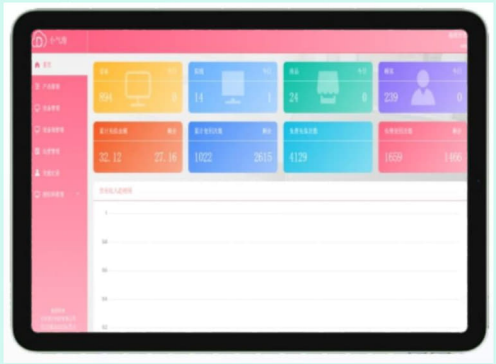
For model selection, please refer to “COF Structure” application grade from “1 UART Screen”

# 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.

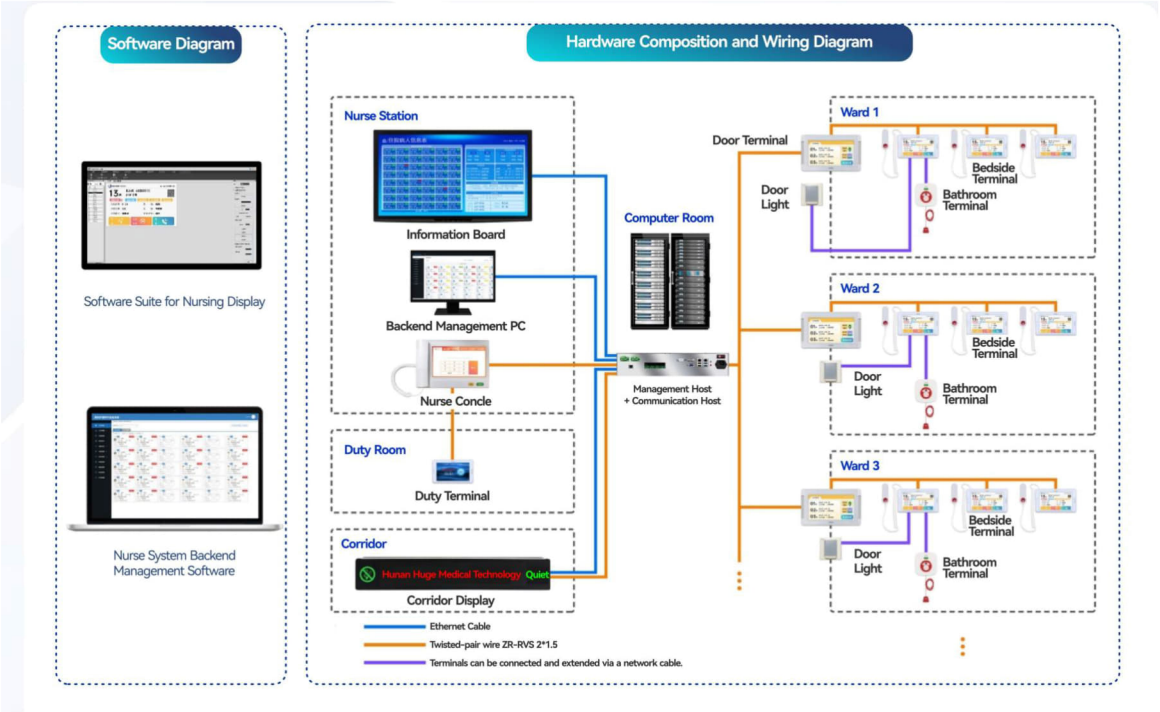



| Management Backend | Mini Program |
| --- | --- |
| Main functions: device management, store management operations management, product management, and skin analysis results. | Allows users to conveniently view their skin analysis results. |
|  |  |

# 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 | Surface Acoustic Wave (SAW) Touchscreen |
| --- | --- |
| Powered by our self-designed chip and algorithm, this fat thickness meter provides a fast and accurate solution. With a millisecond response and ±l mm accuracy, it delivers a precise, non-invasive measurement of fat thickness. | The SAW touchscreen supports extra-thick covers (over10mm) and is well-suited for use in environments requiring protection from explosions and strong electromagnetic interference. |
|  |  |