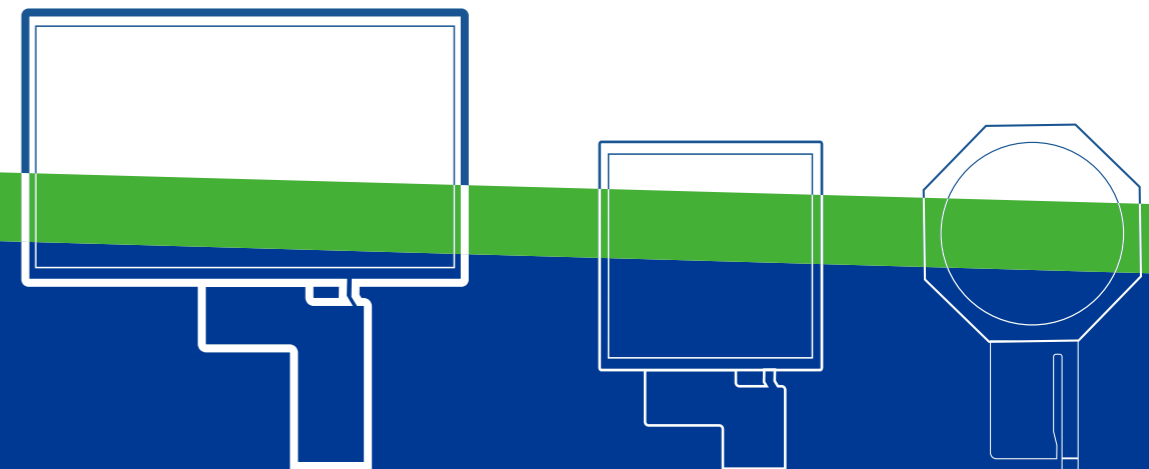


CATALOG 2022



About Us

DISEA Electronics Co., Ltd. was founded in 2011 and is based in Shenzhen. We are a company dedicated to the production and development of high-quality industrial-grade display modules, such as TFT LCD modules, capacitive touch modules, and LCD driving boards. We currently employ over 400 people, with over 70 of them working in R&D, quality control, project management, and other customer service roles. Our products are exported to Europe, North America, and the Asia-Pacific region, and we have a good industry reputation.

We have manufacturing facilities in both cities, Shenzhen and Zhaoqing. We also have offices in Hong Kong, Taipei, East China, and South Korea, where we provide professional technical support as well as a variety of products and services to customers from all over the world.

We have owned a modern equipment cluster since the establishment of the 23700 m² Zhaoqing production base, including ultrasonic glass cleaners, Auto polarizer attachment, LCD step cleaner, LCD automatic loading, COG Auto bonding, FOG Auto bonding, Automatic 2-in-1 dispensing, Automatic backlight assembly, etc. Stick-taping, coding, soldering, and vacuum packaging are also now fully integrated into the equipment.

DISEA's manufacturing process is almost entirely completed by equipment, demonstrating the industry's advanced level in TFT LCD module manufacturing today.

We have a 500m² laboratory with professional testing equipment such as Constant Temp, Drop test chamber, secondary element test, BM-7 optical test, tensile test, and so on. In our new ageing room, we can completely age our products. We can achieve a defective rate of 100 PPM for automotive products in this manner.

The demand for industrial displays is increasing by the day. We collaborate with raw material vendors to ensure longevity; in the meantime, we are developing alternative solutions for EOL. Furthermore, DISEA has very good relationships with TFT cell vendors during our collaboration, which leads us an advantage in ensuring long availability for 5-10 years.

DISEA is now a qualified supplier for many well-known companies all over the world.



TÜV CERTIFICATE

ISO 9001:2015 and IATF 16949 certified.



National High-tech Enterprise

Awarded "National High-tech Enterprise" by China Government.



National Innovation Center for Advanced Medical Devices (NMEM)

Cooperate with the "Innovation Center" as a supporting supplier of medical display screens, and contribute our responsibility and strength as a company to accelerate the industrial incubation and project implementation.



Joint Laboratory of Medical Electronics

Set up a medical electronics laboratory project with the College of Biomedical Engineering of Guangdong Medical University to carry out the related research and experiments together.

Disea Electronics Co., Ltd. (Head corporation)
ADD: 4F-5F, #3 Building, TianFuAn Industrial Park, HuangMaBu Committee, HangCheng, BaoAn District, ShenZhen City, China.
Tel: +86-0755-2373-1499 Fax: +86-0755-2373-1466;
Disea Electronics Co., Ltd. (Production base)
ADD: Building A1, No. 8, Science and Technology 1st Road, Zhaoqing New District, Dinghu District, Zhaoqing City, Guangdong Province
E-mail: sina@diseaelec.com
www.diseaelec.com

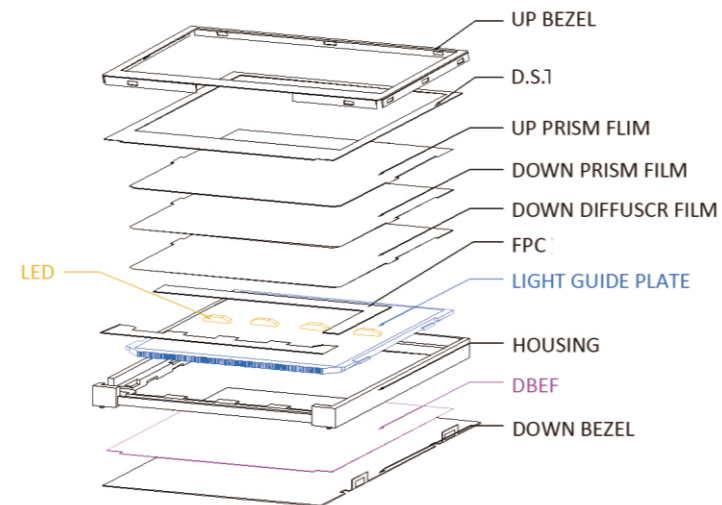
TFT TECHNOLOGY

1 Solutions Of Sunlight Readable

How to make sunlight readable TFT?

When you check your display under the sunlight, most of you will have experience that you can not see the display clearly in the sun. At this time, you would need a sunlight readable display. DISEA can provide you with three solutions about sunlight readable TFT.

1. Raise the luminance of backlight source.
2. Transflective solution.
3. Optical bonding.



Raise the luminance of backlight source

To make a sunlight readable TFT display, the TFT LCD display need with a high brightness backlight, because the high brightness TFT LCD display could balance the light from the environment.

In addition to increasing the number of LED wicks, the use of high-efficiency LED chips can effectively reduce the heat and power consumption of backlight, the TFT display brightness could be increased up to 30%~50%, we also have to concern the light transmit efficiency inside the backlight, more DBEF films is necessary for increasing the light transmitting efficiency from the led chips, and in the same time, a well designing light guide plate would increase the the light efficiency in sunlight readable TFT

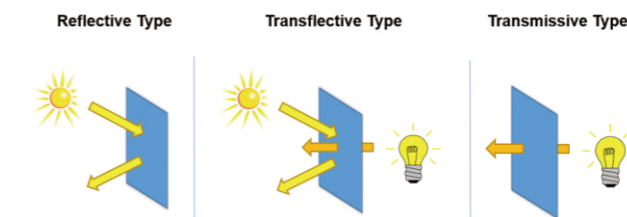


2. Transflective solution

Transflective LCD displays have both transmissive and reflective characteristics.

They contain an integrated backlight unit and a semi-transparent reflector or a reflector with a hole for each pixel. Again, the reflector can be behind the rear polarizer or inside the LCD cell behind the liquid crystal layer. Light from the backlight can pass the semi-transparent reflector and operate the display in transmissive mode. At the same time, ambient light can be reflected so that the display is visible in direct sunlight as well. Care must be taken to account for the fact that in transmissive mode of operation the light passes the liquid crystal layer once, while in reflective mode it passes the liquid crystal layer twice.

The fact must be taken into account is that the light passes the liquid crystal layer just once in transmissive mode of operation, while it passes the liquid crystal layer twice in reflective mode. The transflective displays come as a compromised solution. It is the most flexible solution, because it not only can display the same display effect as the transmissive mode, but also can supply lower power consumption in bright environments, and readability in any lighting condition to fulfill the function of the reflective displays. However, the transflective display requires top performance in the pure illumination modes, and sometimes it requests significant extra manufacturing costs.

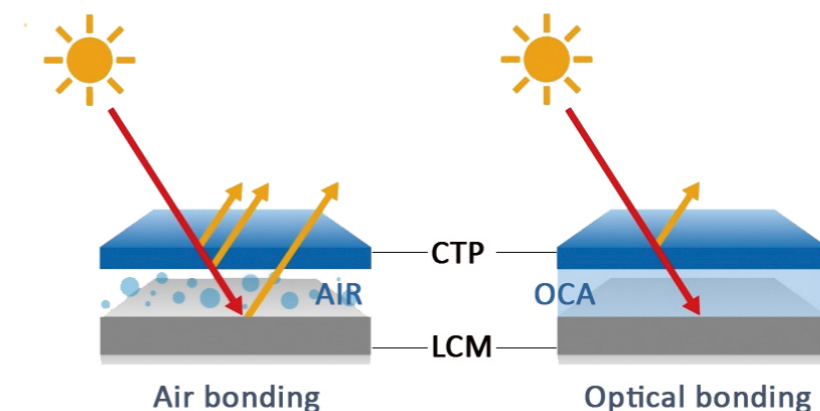


3. Optical Bonding

Optical bonding is the process of laminating cover glass or touchscreens to the LCD cell. It is a process that applies a layer of transparent material such as OCA (Optically Clear Adhesive) between the layers to completely fill the air gap. The adhesive is completely transparent, the structure and color of the adhesive will not transform through the use of time.

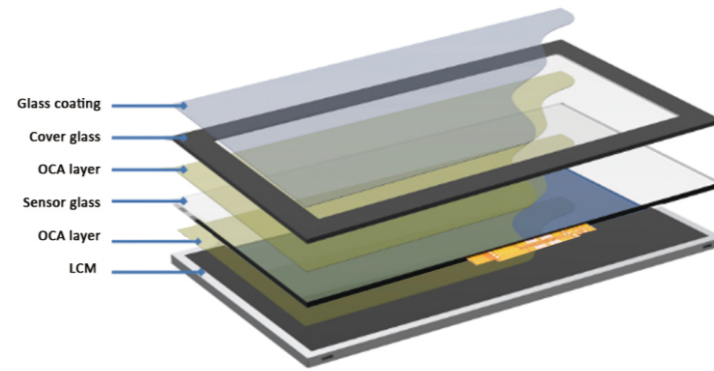
The advantages of the Optical bonding:

1. To enhance the sunlight readability.
2. To increase the module strength.
3. To be low reflection for touch screens.
4. To be suitable for the outdoor environment.



2 Capacitive Touch Panel Structure

- The basic structure of capacitive touch screen consists of touch sensor and cover layer.
- The touch sensor can be roughly divided into three types of materials: glass, single-layer film and double-layer film. The most common material we use is glass.
- There are also many materials for cover layer: glass, PC, PMMA, PET, etc. The most common material we use is glass.



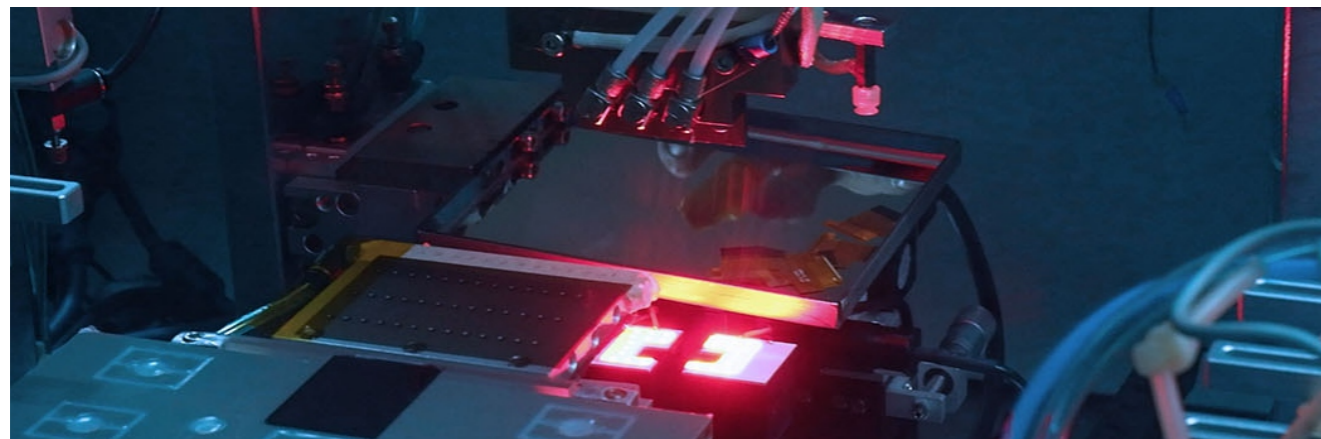
3 Optical Bonding



The touch screen bonding to the LCD screen not only reduces the brightness but also reduces the display quality. In particular, the reflection of ambient light makes the dark picture look worse. In this case, we can reduce the brightness loss and avoid the influence of ambient light by increasing the optical bonding process.

Reflection occurs when light passes through a medium with different optical properties. At each air and glass node, the amount of reflection is about 4% of the incident light. Due to the air gap between the touch screen and LCM, two additional air media boundaries cause a lot of light reflection.

Optical adhesive bonding technology uses optical transparent adhesive (OCA) to fill the air gap. Although the optical index of OCA is designed very close to that of glass, the light reflection of these two interfaces is minimized. Due to the use of optical binding technology, the reflection of light through it is suppressed, so the image maintains its brightness, contrast and color saturation to the level when the touch panel does not exist. Similarly, when the backlight of LCM propagates through the OCA interface, the reflection loss is small, and the picture seen through the touch screen surface remains at a high level.



Auto Bonding Production

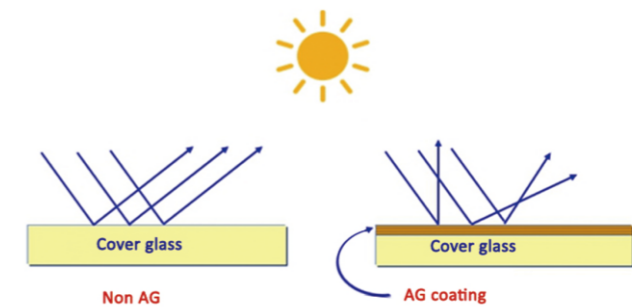
4 Surface Treatment Technology

Anti-Glare (AG)

Using a spray coating or etching process to mist the glass surface, create scattering effect and reduce the phenomenon of reflected light on glass, but still keep the high transmittance, and make the improvement of clarity.

When surrounding glare makes display readability difficult, anti-glare (AG) coatings utilize diffusive properties to fragment the ambient light off the surface, using the concept of constructive interference of light. Diffusion works by scattering specular reflections into a wide viewing cone, making these undesirable reflected images and glare blurred to the eye.

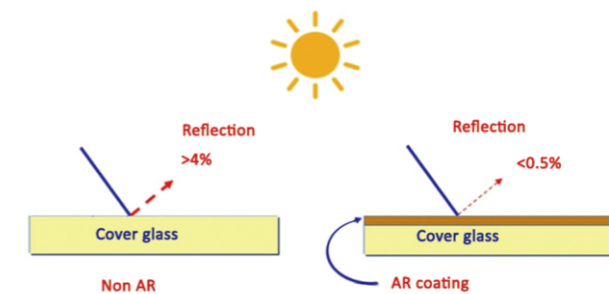
AG coatings use either diffused particles or etching on the glass surface and can enhance viewing performance.



Anti-Reflection (AR)

Using an optical coating process with the substrates of TiO₂ and SiO₂ to coat multi-layers on a single side or both sides reduces the reflection and increase the transmittance of glass which can improve the clarity of the screen.

Using the concept of destructive interference of light, anti-reflective (AR) coatings utilize stacking layers structure over the glass surfaces that vastly improve the efficiency of the optical performance by increasing transmission, enhancing contrast, and eliminating ghost images. The transmission rate could reach up to 92%~94%.



Anti-Fingerprint (AF)

AF coating is using nano-scale material which has excellent water & oil repellency to make the glass surface smooth touch, and prevents the glass surface from contamination such as smudging or staining, making the glass surface extra slippery and easy to clean.

AF coating is suitable for use with AR coating.

Industrial Application



DISEA Electronics offers complete display solutions for ruggedized industrial HMI. Our products are highly reliable and stable and provide features including high brightness, high resolution, LED backlight, optimized touch technology, and extreme temperature operations. For the special environment and extreme weather, our products are designed to be touchable by gloves and wet fingers, water resistant, anti-condensation, shatterproof, and saltwater resistant. The products can be fully customized for any particular requirements.

Common features of these products

- **IPS Normally black IPS**
Ensure good display effect;
- **Wide working temperature**
Make the product adapt to the bad environment temperature;
- **High Brightness**
The product can be seen more clearly in the sunlight;
- **Optical Bonding**
Excellent display effect, higher reliability;

Typical Products For This Application

| Size | 4.3" | 5.0" |
|-----------------|--------------------|--------------------|
| Resolution | 480*272 | 800*480 |
| LCM Number | ZW-T043HPWA-03CP | ZW-T050HWSA-02CP |
| Display Type | IPS Normally Black | IPS Normally Black |
| Luminance | 850cd/m2 | 850cd/m2 |
| Viewing Angel | 85/85/85/85 | 85/85/85/85 |
| Touch Panel | Optional CTP/RTP | Optional CTP/RTP |
| Surface | Optional | Optional |
| Operation Temp. | -35°C-85°C | -35°C-85°C |
| Interface | 24BIT RGB 40PIN | 24BIT RGB 40PIN |



Marine Application



The requirements for the LCD module are:
waterproof, sunlight readable, salt water touch, anti-impact, EMI, ESD, high reliability.

For this kind of products, DISEA has given professional opinions. At the beginning of the design, these requirements of customers have been taken into account and the following schemes have been formed:

Waterproof(IP Grade)

- Mitsubishi OCA is used for optical binding.
- Use "SEKSUI" waterproof adhesive tape to make the whole cycle on the back of cover lens ensure waterproof performance.

Sunlight Readable

- Use the IPS panel.
- The brightness of the module reaches 720cd / m2
- With optical binding, it has higher light transmittance and lower light reflection.
- The surface of the cover plate is etched with AG etching, so the anti glare effect is better.

Salt Water Touch

- Seafarers need wet hands, salt in water, and capacitive screen to support salt water touch.
- We use the driver IC of EETI to achieve 3% salt water touch.

Anti Shock(IK Grade)

- The cover plate is made of 2mm "AGC" optical glass, which reaches the test standard of IK07 after toughened.

EMC , ESD

- All harnesses are wrapped with conductive tape and connected to the ground.

High Reliability

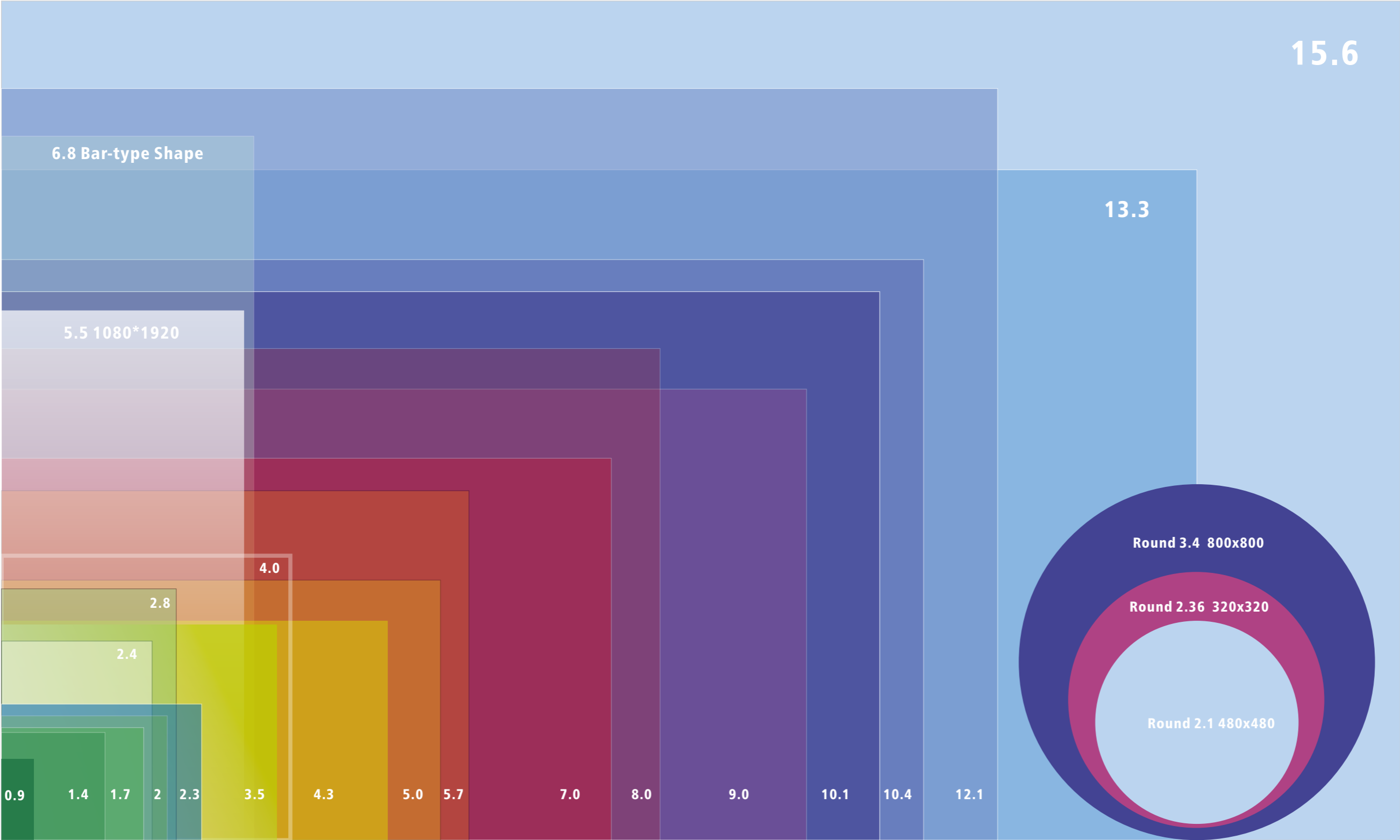
- The product is aged at - 20 ~ 60 °C for 240 hours to ensure the reliability of the product.

Typical Products For This Application

| Size | Resolution | LCM Number | Luminance | Viewing Angel | Touch Driver IC | Surface | Waterproof | Anti-Shock |
|-------|------------|-----------------|-----------|---------------|------------------------|---------|---------------------------|------------|
| 5.0" | 480*800 | ZW-T495HVI-03CP | 500cd/m2 | 85/85/85/85 | CTP with EETI EXC80W32 | AG | "Sekisui" waterproof tape | IK08 |
| 10.1" | 480*800 | ZW-T101BYH-01CP | 720cd/m2 | 85/85/85/85 | CTP with EETI EXC80W32 | AG | "Sekisui" waterproof tape | Ik07 |

Product Line

DISEA has a very wide product line, from 0.9 to 15.6 in all sizes, and all kinds of resolution modules, also have many special specifications for your choice.



Standard TFT Modules

TFT size from 0.9 to 15.6 inch for your selection

| NO | Size | Resolution (R*G*B) | LCD Type | Disea P/N | Viewing Angle (O'clock) | Luminance (cd/m2) | LED (PCS) | LCD Driver IC | Pin NO. | Module Interface | Touch Screen | Touch Driver IC | Outline Dimension W*H*D (mm) | AA Dimension W*H (mm) | Operating Temperature(°C) | Storage Temperature(°C) |
|----|------|--------------------|---------------|-----------------|-------------------------|-------------------|-----------|---------------|---------|------------------|--------------|-----------------|------------------------------|-----------------------|---------------------------|-------------------------|
| 1 | 0.9 | 80*160 | TN | ZW-T009GES-13 | 6:00 | 100 | 1 | ST7735S | 33 | 4-WIRE SPI | NO | - | 16.00*26.80*1.70 | 7.90*20.16 | -20~+70 | -30~+80 |
| 2 | 1.4 | 128*128 | TN | ZW-T014LDS-01 | 6:00 | 150 | 2P | ST7735S | 20 | 8BIT MCU | NO | - | 30.90*36.50*2.50 | 25.25*25.25 | -20~+70 | -30~+80 |
| 3 | 1.44 | 128*128 | TN | ZW-T144HDS-01 | 6:00 | 200 | 1 | ST7735S | 22 | 8BIT MCU | NO | - | 33.00*36.00*2.70 | 25.50*26.50 | -20~+70 | -30~+80 |
| 4 | 1.74 | 240*180 | Transflective | ZW-T174YKH-01 | 8:00 | 150 | 3P | HX8347D | 10 | 4-WIRE SPI | NO | - | 40.77*36.20*2.40 | 35.28*26.46 | -30~+70 | -30~+80 |
| 5 | 1.77 | 128*160 | TN | ZW-T177SSS-04 | 6:00 | 250 | 2P | ST7735S | 14 | 4-WIRE SPI | NO | - | 34.70*46.70*2.50 | 28.03*35.04 | -20~+70 | -30~+80 |
| 6 | | 128*160 | TN | ZW-T177SSI-05 | 6:00 | 250 | 2P | ILI9163V | 20 | 8BIT MCU | NO | - | 34.70*46.70*2.60 | 28.03*35.04 | -20~+70 | -30~+80 |
| 7 | | 160*128 | Transflective | ZW-T177YTH-01 | 7:50 | 110 | 3P | HX8340B | 30 | 8/16BIT MCU | NO | - | 40.77*36.20*2.20 | 35.28*27.71 | -20~+70 | -30~+80 |
| 8 | 2 | 176*220 | TN | ZW-T020SFI-02P | 12:00 | 150 | 2P | ILI9225G | 28 | 8BIT MCU | R-TP | - | 38.50*51.65*4.10 | 31.68*39.60 | -20~+70 | -30~+80 |
| 9 | | 176*220 | TN | ZW-T020SFI-05 | 6:00 | 250 | 3P | ILI9225G | 40 | 8/16BIT MCU | NO | - | 38.03*51.65*2.50 | 31.68*39.60 | -20~+70 | -30~+80 |
| 10 | | 240*320 | TN | ZW-T020TQI-02P | 9:00 | 130 | 2P | ILI9335 | 36 | 8/16bit MCU | R-TP | - | 36.80*48.20*3.75 | 30.24*40.32 | -20~+70 | -30~+80 |
| 11 | | 240*320 | IPS | ZW-T020HQS-04 | All | 250 | 3P | ST7789V | 45 | MCU/RGB/SPI | NO | - | 36.10*51.20*2.35 | 30.60*40.80 | -20~+70 | -30~+80 |
| 12 | | 480*360 | IPS | ZW-T020HCSA-01 | All | 350 | 4P | ST7701S | 30 | 2LANE MIPI | NO | - | 46.60*41.40*2.75 | 40.82*30.62 | -20~+70 | -30~+80 |
| 13 | 2.1 | 320*240 | Transflective | ZW-T020LLI-01 | All | 150 | 3P | ILI9342C | 40 | RGB 6BIT+SPI | NO | - | 46.10*40.96*2.40 | 40.80*30.60 | -20~+70 | -30~+80 |
| 14 | | 480*480 | IPS | ZW-T021BCSA-01 | All | 250 | 4P | ST7701S | 40 | 18BIT RGB | NO | - | 56.18*59.71.2.20 | 53.28*53.28 | -20~+70 | -30~+80 |
| 15 | 2.2 | 176*220 | TN | ZW-T022TFH-01 | 6:00 | 240 | 4S | HX8340B | 20 | 8BIT MCU | NO | - | 42.30*57.50*2.45 | 34.85*43.56 | -20~+70 | -30~+80 |
| 16 | | 240*320 | TN | ZW-T022TQI-05 | 6:00 | 350 | 4P | ILI9341V | 37 | 8/16BIT MCU | NO | - | 38.50*56.16*2.35 | 33.84*45.12 | -20~+70 | -30~+80 |
| 17 | 2.3 | 320*240 | IPS | ZW-T023TLI-03 | 6:00 | 290 | 4P | ILI9342 | 31 | 8BIT MCU | NO | - | 50.60*44.30*2.30 | 46.75*35.06 | -20~+70 | -30~+80 |
| 18 | | 480*360 | TN | ZW-T023BCSA-01 | All | 500 | 4P | ST7701S | 27 | 1 LANE MIPI | NO | - | 50.90*45.80*2.45 | 46.80*35.10 | -30~+80 | -30~+80 |
| 19 | 2.36 | 320*320 | TN | ZW-T334TOS-01 | 12:00 | 650 | 5S | ST7796SI | 17 | 1 LANE MIPI | NO | - | 66.20*69.30*2.66 | 60.00*60.00 | -20~+70 | -30~+80 |
| 20 | 2.4 | 240*320 | TN | ZW-T024SQS-09 | 6:00 | 250 | 4P | ST7789V | 10 | 4-WIRE SPI | NO | - | 42.72*60.26*2.20 | 36.72*48.96 | -20~+70 | -30~+80 |
| 21 | | | IPS | ZW-T024HQI-18 | All | 250 | 4P | ILI9341V | 45 | MCU/RGB/SPI | NO | - | 42.72*59.46*2.20 | 36.72*48.96 | -20~+70 | -30~+80 |
| 22 | | | IPS | ZW-T024HQI-24 | All | 500 | 2S3P | ILI9341V | 24 | 8BIT MCU | NO | - | 42.72*59.46*2.45 | 36.72*48.96 | -20~+70 | -30~+80 |
| 23 | | | TN | ZW-T024YQSTR-01 | 2:00 | 200 | 4P | ST7789V | 40 | 16BIT MCU | NO | - | 42.72*60.26*2.37 | 36.72*48.96 | -30~+75 | -40~+80 |
| 24 | 2.7 | 240*960 | Transflective | ZW-T027GOI-02 | 9:00 | 350 | 3P | ILI8691 | 27 | 8BIT RGB | NO | - | 39.10*67.50*2.43 | 32.88*58.56 | -20~+70 | -30~+80 |
| 25 | 2.8 | 240*320 | TN | ZW-T028HQI-05 | 6:00 | 350 | 4P | ILI9341V | 51 | MCU | NO | - | 50.00*69.20*2.68 | 42.30*57.60 | -20~+70 | -30~+80 |
| 26 | | | TN | ZW-T028HQS-02 | 6:00 | 280 | 4P | ST7789V | 10 | 4-WIRE SPI | NO | - | 50.00*69.20*2.39 | 43.20*57.60 | -20~+70 | -30~+80 |
| 27 | | | TN | ZW-T028SQS-01 | 6:00 | 300 | 4P | ST7789V | 50 | MCU/RGB/SPI | NO | - | 50.00*69.20*2.70 | 43.20*57.60 | -20~+70 | -30~+80 |
| 28 | | | TN | ZW-T028SQS-01P | 6:00 | 250 | 4P | ST7789V | 50 | MCU/RGB/SPI | R-TP | - | 50.00*69.20*3.90 | 43.20*57.60 | -20~+70 | -30~+80 |
| 29 | | | IPS | ZW-T028BQI-16 | All | 500 | 4P | ILI9341V | 50 | MCU/RGB/SPI | NO | - | 50.00*69.20*2.70 | 43.20*57.60 | -20~+70 | -30~+80 |
| 30 | 3.4 | 800*800 | IPS | ZW-T034TQH-01CP | All | 350 | 4S2P | ILI9881C | 39 | 3 LANE MIPI | C-TP | HX8526 | 96.60*99.00*3.98 | 87.60*87.60 | -20~+70 | -30~+80 |
| 31 | 3.5 | 240*320 | TN | ZW-T035GQI-02 | 12:00 | 650 | 2S5P | ILI9325D | 60 | MCU/RGB/SPI | NO | - | 61.55*84.84*8.60 | 53.28*71.04 | -30~+85 | -40~+90 |
| 32 | | | Transflective | ZW-T035GQITR-01 | 6:00 | 100 | 6S | ILI9341V | 50 | 18BIT RGB/SPI | NO | - | 64.00*85.00*2.93 | 53.64*71.52 | -20~+70 | -30~+80 |
| 33 | | 320*240 | TN | ZW-T035TLV-03 | 12:00 | 600 | 6S | NV3035C | 54 | 24BIT RGB | NO | - | 76.90*64.00*3.05 | 70.08*52.56 | -20~+70 | -30~+80 |
| 34 | | | TN | ZW-T035TLV-03P | 12:00 | 480 | 6S | NV3035C | 54 | 24BIT RGB | NO | - | 76.90*64.00*4.25 | 70.08*52.56 | -20~+70 | -30~+80 |
| 35 | | | TN | ZW-T035TLV-18CP | 12:00 | 500 | 6S | NV3035C | 45 | 24BIT RGB | C-TP | FT5346 | 76.90*64.00*4.80 | 70.08*52.56 | -20~+70 | -30~+80 |

Standard TFT Modules

TFT size from 0.9 to 15.6 inch for your selection

| NO | Size | Resolution (R*G*B) | LCD Type | Disea P/N | Viewing Angle (O'clock) | luminance (cd/m2) | LED (PCS) | LCD Driver IC | Pin NO. | Module Interface | Touch Screen | Touch Driver IC | Outline Dimension W*H*D (mm) | AA Dimension W*H (mm) | Operating Temperature(°C) | Storage Temperature(°C) | |
|----|------|--------------------|----------|------------------|-------------------------|-------------------|-----------|---------------|---------------|------------------|--------------|-----------------|------------------------------|-----------------------|---------------------------|-------------------------|---------|
| 36 | 3.5 | 320*240 | TN | ZW-T035MLH-01P | 12:00 | 250 | 6S | HX8238D | 54 | 24BIT RGB | R-TP | - | 76.80×63.80×3.40 | 70.08×52.56 | -20~+70 | -30~+80 | |
| 37 | | | TN | ZW-T035MLH-03 | 12:00 | 350 | 6S | HX8238D | 54 | 24BIT RGB | NO | - | 76.90*64.00*3.05 | 70.08*52.56 | -20~+70 | -30~+80 | |
| 38 | | | TN | ZW-T035MLH-03P | 12:00 | 300 | 6S | HX8238D | 54 | 24BIT RGB | R-TP | - | - | 76.90*64.00*4.23 | 70.08*52.56 | -20~+70 | -30~+80 |
| 39 | | | TN | ZW-T035MLH-26 | 12:00 | 900 | 6S | HX8238D | 54 | 24BIT RGB | NO | - | - | 76.80*63.90*3.15 | 70.08*52.56 | -20~+70 | -30~+80 |
| 40 | | | TN | ZW-T035MLH-32CP | 12:00 | 480 | 6S | HX8238D | 54 | 24BIT RGB | C-TP | FT5346 | - | 76.90*63.90*4.80 | 70.08*52.56 | -20~+70 | -30~+80 |
| 41 | | | TN | ZW-T035GLH-01 | 12:00 | 220 | 6S | HX8238D | 54 | 24BIT RGB | NO | - | - | 76.90*64.00*3.05 | 70.08*52.56 | -20~+70 | -30~+80 |
| 42 | | | TN | ZW-T035GLS-02 | 12:00 | 330 | 6S | SSD2119 | 50 | MCU/RGB/SPI | NO | - | - | 76.90*63.90*3.20 | 70.08*52.56 | -20~+70 | -30~+80 |
| 43 | | | IPS | ZW-T035HLS-01 | All | 300 | 6S | ST7272A | 54 | 24BIT RGB | NO | - | - | 76.80*63.90*3.05 | 70.08*52.56 | -20~+70 | -30~+80 |
| 44 | | | IPS | ZW-T035HLS-06 | All | 300 | 6S | ST7272A | 54 | 24BIT RGB | NO | - | - | 76.80*63.90*3.05 | 70.08*52.56 | -30~+80 | -30~+80 |
| 45 | | | IPS | ZW-T035HLS-03CP | All | 250 | 6S | ST7272A | 54 | 24BIT RGB | C-TP | FT5346 | - | 76.90*63.90*4.80 | 70.08*52.56 | -20~+70 | -30~+80 |
| 46 | | 320*480 | 320*480 | TN | ZW-T035SHI-11 | 12:00 | 330 | 6S | ILI9488 | 39 | 18BIT RGB | NO | - | 54.48×84.71×2.15 | 48.96×73.44 | -20~+70 | -30~+80 |
| 47 | | | | IPS | ZW-T035QHI-19 | All | 360 | 6P | ILI9488 | 50 | MCU/RGB/SPI | NO | - | 54.66*82.94*2.25 | 48.96*73.44 | -20~+70 | -30~+80 |
| 48 | | | | IPS | ZW-T035QHI-03CP | All | 300 | 6P | ILI9488 | 50 | MCU/RGB/SPI | C-TP | GT911 | - | 65.61*97.41*3.75 | 48.96*73.44 | -20~+70 |
| 49 | | 480*640 | MVA | ZW-T035GCIA-01 | All | 180 | 6S | ILI9806E | 40 | 18BIT RGB | NO | - | 64.00*85.00*3.10 | 53.28*71.04 | -20~+70 | -30~+80 | |
| 50 | | 640*480 | IPS | ZW-T035SGV-01 | All | 500 | 6S | NV3052C | 40 | 24BIT RGB | NO | - | 76.74*63.74*3.20 | 70.08*52.56 | -20~+70 | -30~+80 | |
| 51 | | 800*600 | 800*600 | TN | ZW-T035TGH-01 | 12:00 | 250 | 6S | HX8282+HX8677 | 50 | 24BIT RGB | NO | - | 80.00*64.00*3.05 | 71.28*53.46 | -20~+70 | -30~+80 |
| 52 | TN | | | ZW-T035TGH-02CP | 12:00 | 280 | 6S | TBD | 50 | 24BIT RGB | C-TP | - | - | 95.85*70.00*4.70 | 71.28*53.46 | -20~+70 | -30~+80 |
| 53 | 4.0 | 480*480 | IPS | ZW-T040HCSA-03 | All | 400 | 4S2P | ST7701S | 40 | 18BIT RGB | NO | - | 74.83*78.98*2.02 | 71.86*70.18 | -20~+70 | -30~+80 | |
| 54 | 4.3 | 480*272 | TN | ZW-T043QPH-02 | 12:00 | 500 | 5S2P | ILI6480B | 40 | 24BIT RGB | NO | - | 105.50*67.20*3.00 | 95.04*53.86 | -20~+70 | -30~+80 | |
| 55 | | | TN | ZW-T043QPI-01 | 12:00 | 300 | 7S | ILI6485A | 40 | 24BIT RGB | NO | - | 105.50*67.20*3.00 | 95.04*53.86 | -20~+70 | -30~+80 | |
| 56 | | | TN | ZW-T043QPI-03 | 12:00 | 1000 | 8S2P | ILI6485A | 40 | 24BIT RGB | NO | - | 105.50*67.20*3.00 | 95.04*53.86 | -20~+70 | -30~+80 | |
| 57 | | | TN | ZW-T043QPS-01 | 12:00 | 500 | 5S2P | ST7282 | 40 | 24BIT RGB | NO | - | 105.50*67.20*3.00 | 95.04*53.86 | -20~+70 | -30~+80 | |
| 58 | | | TN | ZW-T043QPS-01P | 12:00 | 400 | 5S2P | ST7282 | 40 | 24BIT RGB | R-TP | - | - | 105.50*67.20*4.10 | 95.04*53.86 | -20~+70 | -30~+80 |
| 59 | | | TN | ZW-T043QPS-01CP | 12:00 | 420 | 5S2P | ST7282 | 40 | 24BIT RGB | C-TP | FT5436 | - | 105.50*67.20*4.75 | 95.04*53.86 | -20~+70 | -30~+80 |
| 60 | | | TN | ZW-T043QPS-01P-B | 12:00 | 420 | 5S2P | SSD1963 | 40 | 16BIT MCU | R-TP | - | - | 105.50*67.20*5.20 | 95.04*53.86 | -20~+70 | -30~+80 |
| 61 | | | TN | ZW-T043GPH-19 | 6:00 | 500 | 5S2P | HX8257A | 40 | 24BIT RGB | NO | - | - | 105.50*67.20*3.00 | 95.04*53.86 | -20~+70 | -30~+80 |
| 62 | | | IPS | ZW-T043GPR-01P | All | 600 | 10S | OTA5180A | 40 | 24BIT RGB | NO | - | - | 105.50*67.20*4.25 | 95.04*53.86 | -30~+85 | -30~+85 |
| 63 | | | IPS | ZW-T043BPSA-01 | All | 500 | 5S2P | ST7283 | 40 | 24BIT RGB | NO | - | - | 105.50*67.20*2.95 | 95.04*53.86 | -20~+70 | -30~+80 |
| 64 | | | IPS | ZW-T043BPSA-04 | All | 1000 | 8S2P | ST7283 | 40 | 24BIT RGB | NO | - | - | 105.50*67.20*2.95 | 95.04*53.86 | -30~+80 | -30~+80 |
| 65 | | | IPS | ZW-T043BPSA-01CP | All | 400 | 5S2P | ST7283 | 40 | 24BIT RGB | C-TP | FT5446-D03 | - | 105.50*67.20*4.70 | 95.04*53.86 | -20~+70 | -30~+80 |
| 66 | | | IPS | ZW-T043HPWA-03CP | All | 850 | 6S2P | ST7283 | 40 | 24BIT RGB | C-TP | FT5436 | - | 105.50*67.20*5.00 | 95.04*53.86 | -35~+85 | -35~+85 |
| 67 | | | 800*480 | 800*480 | IPS | ZW-T043BWSA-02 | All | 500 | 5S2P | ST7262E43 | 40 | 24BIT RGB | NO | - | 105.50*67.20*3.00 | 95.04*53.86 | -20~+70 |
| 68 | IPS | ZW-T043BWSA-04 | | | All | 300 | 4S3P | ST7262E43 | 40 | 24BIT RGB | NO | - | 105.50*67.20*3.00 | 95.04*53.86 | -20~+70 | -30~+80 | |
| 69 | IPS | ZW-T043BWSA-06CP | | | All | 400 | 5S2P | ST7262E43 | 40 | 24BIT RGB | C-TP | FT5426-003 | - | 105.50*67.20*4.75 | 95.04*53.86 | -20~+70 | -30~+80 |
| 70 | 5.0 | 480*272 | TN | ZW-T050BPH-01 | 12:00 | 400 | 6S2P | HX8257 | 40 | 24BIT RGB | NO | - | 120.70*75.80*3.00 | 110.88*62.83 | -20~+70 | -30~+80 | |

Standard TFT Modules

TFT size from 0.9 to 15.6 inch for your selection

| NO | Size | Resolution (R*G*B) | LCD Type | Disea P/N | Viewing Angle (O'clock) | Luminance (cd/m2) | LED (PCS) | LCD Driver IC | Pin NO. | Module Interface | Touch Screen | Touch Driver IC | Outline Dimension W*H*D (mm) | AA Dimension W*H (mm) | Operating Temperature(°C) | Storage Temperature(°C) | |
|-----|----------|--------------------|-----------------|------------------|-------------------------|-------------------|---------------|-----------------------|-----------|------------------|--------------|--------------------|------------------------------|-----------------------|---------------------------|-------------------------|---------|
| 71 | 5.0 | 480*272 | TN | ZW-T050BPH-01P | 12:00 | 300 | 6S2P | HX8257 | 40 | 24BIT RGB | R-TP | - | 120.70*75.80*4.30 | 110.88*62.83 | -20~+70 | -30~+80 | |
| 72 | | 480*272 | TN | ZW-T050BPS-01CP | 12:00 | 350 | 6S2P | ST7257 | 40 | 24BIT RGB | C-TP | GT911 | 120.70*75.80*4.50 | 110.88*62.83 | -20~+70 | -30~+80 | |
| 73 | | 640*480 | TN | ZW-T050QGH-07 | 12:00 | 800 | 3S6P | HX8292+HX8664 | 50 | 24BIT RGB | NO | - | 117.65*88.43*5.70 | 101.57*76.18 | -20~+70 | -30~+80 | |
| 74 | | | TN | ZW-T050QGH-19 | 12:00 | 280 | 5S3P | HX8292+HX8664 | 50 | 24BIT RGB | NO | - | 117.65*88.43*5.70 | 101.57*76.18 | -20~+70 | -30~+80 | |
| 75 | | 800*480 | TN | ZW-T050QWH-03 | 12:00 | 500 | 6S3P | ILI6122+ILI5960 | 40 | 24BIT RGB | NO | - | 120.70*75.80*3.10 | 108.00*64.80 | -20~+70 | -30~+80 | |
| 76 | | | TN | ZW-T050QWH-03P | 12:00 | 400 | 6S3P | ILI6122+ILI5960 | 40 | 24BIT RGB | R-TP | - | 120.70*75.80*4.30 | 108.00*64.80 | -20~+70 | -30~+80 | |
| 77 | | | TN | ZW-T050QWH-51CP | 12:00 | 1200 | 10S2P | ILI6122+ILI5960 | 40 | 24BIT RGB | NO | - | 120.70*75.80*3.10 | 108.00*64.80 | -20~+70 | -30~+80 | |
| 78 | | | TN | ZW-T050QWH-05 | 12:00 | 420 | 6S3P | ILI6122+ILI5960 | 40 | 24BIT RGB | C-TP | - | 120.70*75.80*5.28 | 108.00*64.80 | -20~+70 | -30~+80 | |
| 79 | | | IPS | ZW-T050BWSA-02 | All | 500 | 6S3P | ST7262 | 40 | 24BIT RGB | NO | FT5446-D03 | 120.70*75.80*2.85 | 108.00*64.80 | -20~+70 | -30~+80 | |
| 80 | | | IPS | ZW-T050BWSA-02P | All | 400 | 6S3P | ST7262 | 40 | 24BIT RGB | NO | - | 120.70*75.80*4.05 | 108.00*64.80 | -20~+70 | -30~+80 | |
| 81 | | | IPS | ZW-T050BWSA-04 | All | 400 | 6S3P | ST7262 | 40 | 24BIT RGB | NO | - | 120.70*75.80*5.03 | 108.00*64.80 | -20~+70 | -30~+80 | |
| 82 | | | IPS | ZW-T050BWSA-02CP | All | 1000 | 10S2P | ST7262 | 40 | 24BIT RGB | C-TP | FT5446-D03 | 120.70*75.80*2.85 | 108.00*64.80 | -30~+80 | -30~+80 | |
| 83 | | IPS | ZW-T050HWSA-22 | All | 1200 | 10S2P | ST7262 | 40 | 8BIT LVDS | NO | - | 120.70*75.80*2.80 | 108.00*64.80 | -30~+80 | -30~+80 | | |
| 84 | | 5.5 | 1080*1920 | IPS | ZW-T055AZH-02CP | All | 610 | 7S2P | HX8399 | 31 | 4 LANE MIPI | C-TP | GT911 | 77.10*145.7*3.51 | 68.04*120.96 | -20~+70 | -30~+80 |
| 85 | | | 1080*1920 | IPS | ZW-T055AZH-05 | All | 700 | 7S2P | HX8399 | 31 | 4 LANE MIPI | NO | - | 71.60*129.57*1.90 | 68.04*120.96 | -20~+70 | -30~+80 |
| 86 | 5.6 | 640*480 | TN | ZW-T056TN53-01 | 12:00 | 800 | 3S7P | TBD | 40 | 18BIT RGB | NO | - | 126.50*100.00*5.70 | 112.896*84.672 | -20~+70 | -30~+80 | |
| 87 | 5.7 | 640*480 | TN | ZW-T057BGH-01 | 6:00 | 700 | 3S7P | HX8250A+HX8678B | 40 | 18BIT RGB | NO | - | 127.00*98.43*5.85 | 115.20*86.40 | -20~+70 | -30~+80 | |
| 88 | | 640*480 | IPS | ZW-T057BGEA-01 | All | 650 | 3S7P | JD9168S | 40 | 18BIT RGB | NO | - | 127.00*98.43*5.80 | 115.20*86.40 | -20~+70 | -30~+80 | |
| 89 | 6.8 | 480*1280 | IPS | ZW-T068BZCA-01 | All | 450 | 3S4P | INC9706 | 40 | 4 LANE MIPI | NO | - | 66.70*181.20*4.40 | 60.22*160.59 | -20~+70 | -30~+80 | |
| 90 | | 280*1280 | IPS | ZW-T070HURA-01 | All | 300 | 8S | OTA7290B | 40 | 4 LANE MIPI | NO | - | 38.20*181.47*3.4 | 33.60*170.88 | -20~+70 | -30~+80 | |
| 91 | 7.0 | 800*480 | TN | ZW-T070SWH-03 | 12:00 | 500 | 3S9P | EK9713CA+EK73002ACGB | 50 | 24BIT RGB | NO | - | 164.90*100.00*5.70 | 154.08*85.92 | -20~+70 | -30~+80 | |
| 92 | | | TN | ZW-T070SWH-03P | 12:00 | 400 | 3S9P | EK9713CA+EK73002ACGB | 50 | 24BIT RGB | R-TP | - | 164.90*100.00*7.20 | 154.08*85.92 | -20~+70 | -30~+80 | |
| 93 | | | TN | ZW-T070SWH-03CP | 12:00 | 450 | 3S9P | EK9713CA+EK73002ACGB | 50 | 24BIT RGB | C-TP | FT5446-D03 | 165.00*100.00*7.43 | 154.08*85.92 | -20~+70 | -30~+80 | |
| 94 | | | TN | ZW-T070SWH-19 | 12:00 | 800 | 3S10P | HX8664B+HX8264E | 50 | 24BIT RGB | NO | - | 165.00*100.00*5.70 | 154.08*85.92 | -20~+70 | -30~+80 | |
| 95 | | | TN | ZW-T070SWH-99CP | 12:00 | 700 | 3S10P | HX8664B+HX8264E | 50 | 24BIT RGB | C-TP | FT5446-D03 | 165.00*100.00*7.43 | 154.08*85.92 | -20~+70 | -30~+80 | |
| 96 | | | TN | ZW-T070QWH-26 | 12:00 | 450 | 3S9P | HX8664B+HX8264E | 50 | 24BIT RGB | NO | - | 165.00*100.00*5.70 | 154.08*85.92 | -35~+85 | -35~+85 | |
| 97 | | | TN | ZW-T070QWH-26P | 12:00 | 360 | 3S9P | HX8664B+HX8264E | 50 | 24BIT RGB | R-TP | - | 165.00*100.00*6.85 | 154.08*85.92 | -35~+85 | -35~+85 | |
| 98 | | | TN | ZW-T070JWHA-02 | All | 500 | 3S8P | MOS_CHIP_G424A | 40 | 24BIT RGB | NO | - | 165.00*104.60*5.30 | 152.40*91.44 | -30~+85 | -40~+90 | |
| 99 | | | TN | ZW-T070JWHA-02P | All | 400 | 3S8P | MOS_CHIP_G424A | 40 | 24BIT RGB | NO | - | 165.00*104.60*6.30 | 152.40*91.44 | -30~+85 | -40~+90 | |
| 100 | | | TN | ZW-T070BAEN-01 | 12:00 | 230 | 3S6P | EK79007AD&EK73217BCGA | 30 | 4 LANE MIPI | NO | - | 164.90*100.00*2.80 | 154.21*85.92 | -20~+70 | -30~+80 | |
| 101 | 1024*600 | IPS | ZW-T070BAHA-07 | All | 250 | 3S7P | HX8282+HX8696 | 50 | 24BIT RGB | NO | - | 164.90*100.00*2.92 | 154.21*85.92 | -20~+70 | -30~+80 | | |
| 102 | | IPS | ZW-T070BAHA-07P | All | 200 | 3S7P | HX8282+HX8696 | 50 | 24BIT RGB | NO | - | 164.90*100.00*4.42 | 154.21*85.92 | -20~+70 | -30~+80 | | |
| 103 | | IPS | ZW-T070BAHA-43 | All | 1000 | 3S10P | HX8282+HX8696 | 50 | 24BIT RGB | NO | - | 164.80*99.80*5.60 | 154.21*85.92 | -20~+70 | -30~+80 | | |
| 104 | | IPS | ZW-T070BAHA-09 | All | 500 | 3S10P | HX8282+HX8696 | 40 | 8BIT LVDS | NO | - | 164.80*99.80*5.65 | 154.21*85.92 | -20~+70 | -30~+80 | | |
| 105 | | IPS | ZW-T070BAHA-09P | All | 400 | 3S10P | HX8282+HX8696 | 40 | 8BIT LVDS | NO | - | 164.80*99.80*7.15 | 154.21*85.92 | -20~+70 | -30~+80 | | |

Standard TFT Modules

TFT size from 0.9 to 15.6 inch for your selection

| NO | Size | Resolution (R*G*B) | LCD Type | Disea P/N | Viewing Angle (O'clock) | Luminance (cd/m2) | LED (PCS) | LCD Driver IC | | Pin NO. | Module Interface | Touch Screen | Touch Driver IC | Outline Dimension W*H*D (mm) | AA Dimension W*H (mm) | Operating Temperature(°C) | Storage Temperature(°C) | |
|-----|------|--------------------|----------|--------------------|-------------------------|-------------------|-----------|-----------------------|----------|-----------------|------------------|--------------|-----------------|------------------------------|-----------------------|---------------------------|-------------------------|---------|
| 106 | 7.0 | 1024*600 | IPS | ZW-T070BAHA-24 | All | 1000 | 3S10P | HX8282+HX8696 | | 40 | 8BIT LVDS | NO | FT5446-D03 | 165.00*100.00*5.70 | 154.21*85.92 | -20~+70 | -30~+80 | |
| 107 | | | IPS | ZW-T070BAHA-38CP | All | 420 | 3S10P | HX8282+HX8696 | | 40 | 8BIT LVDS | C-TP | ILI2511 | 164.90*100.00*7.40 | 154.21*85.92 | -20~+70 | -30~+80 | |
| 108 | | | IPS | ZW-T070BAHA-83CP-B | All | 350 | 3S8P | HX8282+HX8696 | | 19 | HDMI | C-TP | - | 165.30*121.00*7.42 | 154.21*85.92 | -20~+70 | -30~+80 | |
| 109 | | | IPS | ZW-T070BAEA-28 | All | 400 | 3S9P | EK79007AD&EK73217BCGA | | 40 | 4 LANE MIPI | NO | FT5426 | 164.90*100.00*2.92 | 154.21*85.92 | -20~+70 | -30~+80 | |
| 110 | | | IPS | ZW-T070BAEA-28CP | All | 320 | 3S9P | EK79007AD&EK73217BCGA | | 40 | 4 LANE MIPI | C-TP | - | 164.90*100.00*4.67 | 154.21*85.92 | -20~+70 | -30~+80 | |
| 111 | | | | 1280*800 | IPS | ZW-T070TIS-01 | All | 400 | 3S7P | ST5821C+ST5084C | | 40 | 8BIT LVDS | NO | - | 161.00*107.00*3.35 | 149.76*93.60 | -20~+70 |
| 112 | 8.0 | 800*480 | TN | ZW-T080SWH-01 | 12:00 | 400 | 3S9P | TBD | | 50 | 24BIT RGB | NO | - | 192.80*116.90*6.40 | 176.64*99.36 | -20~+70 | -30~+80 | |
| 113 | | 800*600 | TN | ZW-T080QGH-07 | 12:00 | 500 | 3S9P | TBD | | 50 | 24BIT RGB | NO | - | 183.00*141.00*6.20 | 162.00*121.50 | -20~+70 | -30~+80 | |
| 114 | | 800*600 | TN | ZW-T080QGH-07P | 12:00 | 400 | 3S9P | TBD | | 50 | 24BIT RGB | R-TP | - | 183.00*141.00*8.10 | 162.00*121.50 | -20~+70 | -30~+80 | |
| 115 | | 1024*768 | IPS | ZW-T080QXH-02 | All | 250 | 3S11P | TBD | | 40 | 8BIT LVDS | NO | - | 174.00*136.00*2.45 | 162.05*121.54 | -20~+70 | -30~+80 | |
| 116 | | 1024*768 | IPS | ZW-T080QXH-17 | All | 300 | 3S9P | TBD | | 40 | 8BIT LVDS | NO | - | 182.90*141.00*5.50 | 162.05*121.54 | -20~+70 | -30~+80 | |
| 117 | | | 800*1280 | IPS | ZW-T080BYE-02 | All | 250 | 4S6P | JD9366AB | | 40 | 4 LANE MIPI | NO | - | 114.66*184.16*2.80 | 107.64*172.22 | -20~+60 | -30~+80 |
| 118 | 8.8 | 1280*480 | IPS | ZW-T088BZHA-01 | All | 400 | 3S14P | TBD | | 60 | 6/8BIT LVDS | NO | - | 229.60*97.40*6.00 | 209.28*78.48 | -30~+80 | -40~+85 | |
| 119 | 9.0 | 1024*600 | TN | ZW-T090BAH-01 | 12:00 | 300 | 4S7P | HX8282A/HX8696 | | 60 | 4 LANE LVDS | NO | - | 211.10*126.50*3.4 | 196.61*114.15 | -20~+70 | -30~+80 | |
| 120 | 9.0 | 800*480 | TN | ZW-T090BWH-01 | 12:00 | 950 | 4S9P | HX8264+HX8664 | | 50 | 24BIT RGB | NO | - | 210.70*126.50*5.30 | 198.00*111.70 | -20~+70 | -30~+80 | |
| 121 | 10.1 | 1024*600 | TN | ZW-T101BAH-02 | 12:00 | 380 | 3S13P | HX8282+HX8696 | | 40 | 8BIT LVDS | NO | - | 235.00*143.00*5.00 | 222.72*125.28 | -20~+70 | -30~+80 | |
| 122 | | | TN | ZW-T101BAH-09 | 12:00 | 380 | 3S13P | HX8282+HX8696 | | 50 | 24BIT RGB | NO | - | 235.00*143.00*5.10 | 222.72*125.28 | -20~+70 | -30~+80 | |
| 123 | | | TN | ZW-T101BAH-09P | 12:00 | 300 | 3S13P | HX8282+HX8696 | | 50 | 24BIT RGB | R-TP | GT928 | 235.00*143.00*6.60 | 222.72*125.28 | -20~+70 | -30~+80 | |
| 124 | | | TN | ZW-T101BAH-09CP | 12:00 | 320 | 3S13P | HX8282+HX8696 | | 50 | 24BIT RGB | C-TP | - | 235.00*143.00*7.25 | 222.72*125.28 | -20~+70 | -30~+80 | |
| 125 | | | IPS | ZW-T101BAHA-01 | All | 500 | 3S13P | HX8282+HX8696 | | 40 | 8BIT LVDS | NO | - | 235.00*143.00*5.20 | 222.72*125.28 | -20~+70 | -30~+80 | |
| 126 | | | IPS | ZW-T101BAHA-06 | All | 500 | 3S13P | HX8282+HX8696 | | 50 | 24BIT RGB | NO | - | 235.00*143.00*5.20 | 222.72*125.28 | -20~+70 | -30~+80 | |
| 127 | | 1280*800 | | IPS | ZW-T101BIHA-01 | All | 330 | 3S9P | TBD | | 40 | 8BIT LVDS | NO | - | 229.56*149.16*2.67 | 216.96*135.60 | -20~+70 | -30~+80 |
| 128 | | | | IPS | ZW-T101QIH-04 | All | 280 | 3S10P | TBD | | 40 | 8BIT LVDS | NO | - | 229.34*148.98*2.50 | 216.96*135.60 | -20~+70 | -30~+80 |
| 129 | | | | IPS | ZW-T101QIH-07CP | All | 250 | 3S10P | TBD | | 40 | 8BIT LVDS | C-TP | GT928 | 245.50*163.60*5.00 | 216.96*135.60 | -20~+70 | -30~+80 |
| 130 | | | | IPS | ZW-T101QIH-22CP | All | 230 | 3S10P | TBD | | 40 | 8BIT LVDS | C-TP | GT928 | 229.34*150.97*5.00 | 216.96*135.60 | -20~+70 | -30~+80 |
| 131 | | | | IPS | ZW-T101QIH-30 | All | 1000 | 6S6P | TBD | | 40 | 8BIT LVDS | NO | - | 229.46*149.10*4.80 | 216.96*135.60 | -20~+70 | -30~+80 |
| 132 | | | | IPS | ZW-T101QIH-39CP | All | 350 | 3S14P | TBD | | 19 | HDMI | C-TP | ILI2511 | 240.00*163.50*5.00 | 216.96*135.60 | -20~+70 | -30~+80 |
| 133 | | 800*1280 | | IPS | ZW-T101BYH-01CP | All | 720 | 6S7P | HX8394D | | 20 | 2 LANE MIPI | C-TP | EXC80W32 | 168.73*254.50*8.10 | 135.36*216.58 | -20~+70 | -30~+80 |
| 134 | | | | IPS | ZW-T101BYIA-04 | All | 600 | 8S4P | ILI9881C | | 40 | 4 LANE MIPI | NO | - | 143.00*228.60*2.60 | 135.36*216.58 | -20~+70 | -30~+80 |
| 135 | | | | IPS | ZW-T101BYIA-04CP | All | 500 | 8S4P | ILI9881C | | 40 | 4 LANE MIPI | C-TP | GT9271 | 163.60*245.50*4.55 | 135.36*216.58 | -20~+70 | -30~+80 |
| 136 | | | | IPS | ZW-T101BFH-01 | All | 350 | 6S6P | HX8290B | | 45 | 8BIT LVDS | NO | - | 229.42*149.02*2.35 | 216.91*135.50 | -20~+70 | -30~+80 |
| 137 | 10.4 | 800*600 | TN | ZW-T104BGH-02 | 12:00 | 350 | 3S12P | HX8245+HX8677 | | 60 | 24BIT RGB | NO | - | 228.50*175.50*5.90 | 211.20*158.40 | -20~+70 | -30~+80 | |
| 138 | 12.1 | 1024*768 | IPS | ZW-T121HXXA-03 | All | 500 | 11S4P | TBD | | 20 | 6/8BIT LVDS | NO | - | 260.50*204.00*8.30 | 245.76*184.32 | -30~+85 | -30~+95 | |
| 139 | 13.3 | 1920*1080 | IPS | ZW-T133BFH-01 | All | 280 | 9S4P | TBD | | 30 | 2 LANE eDP | NO | - | 300.26*188.25*2.60 | 293.76*165.24 | 0~+50 | -10~+60 | |
| 140 | 15.6 | 1920*1080 | IPS | ZW-T0156QFH-01 | All | 250 | 9S5P | TBD | | 30 | 2 LANE eDP | NO | - | 350.76*216.39*2.90 | 344.16*193.59 | 0~+50 | -20~+60 | |

High Luminance TFT Modules

| Size | Resolution (R*G*B) | LCD Type | Disea P/N | luminance (cd/m2) | LED (PCS) | Module Interface | Outline Dimension W*H*D (mm) |
|------|--------------------|----------|------------------|-------------------|-----------|------------------|------------------------------|
| 2.36 | 320*320 | TN | ZW-T334TOS-01 | 650 | 5S | 1 LANE MIPI | 66.20*69.30*2.66 |
| 2.4 | 240*320 | IPS | ZW-T024HQI-24 | 500 | 2S3P | 8BIT MCU | 42.72*59.46*2.45 |
| 2.8 | 240*320 | IPS | ZW-T028BQI-16 | 500 | 4P | MCU/RGB/SPI | 50.00*69.20*2.70 |
| 3.5 | 320*240 | TN | ZW-T035TLV-03 | 600 | 6S | 24BIT RGB | 76.90*64.00*3.05 |
| 3.5 | 320*240 | TN | ZW-T035MLH-26 | 900 | 6S | 24BIT RGB | 76.80*63.90*3.15 |
| 3.5 | 640*480 | IPS | ZW-T035SGV-01 | 500 | 6S | 24BIT RGB | 76.74*63.74*3.20 |
| 4.3 | 480*272 | TN | ZW-T043QPI-03 | 1000 | 8S2P | 24BIT RGB | 105.50*67.20*3.00 |
| 4.3 | 480*272 | IPS | ZW-T043BPSA-04 | 1000 | 8S2P | 24BIT RGB | 105.50*67.20*2.95 |
| 4.3 | 480*272 | IPS | ZW-T043HPWA-03CP | 850 | 6S2P | 24BIT RGB | 105.50*67.20*5.00 |
| 4.3 | 800*480 | IPS | ZW-T043BWSA-02 | 500 | 5S2P | 24BIT RGB | 105.50*67.20*3.00 |
| 5.0 | 640*480 | TN | ZW-T050QGH-07 | 800 | 3S6P | 24BIT RGB | 117.65*88.43*5.70 |
| 5.0 | 800*480 | TN | ZW-T050QWH-03 | 500 | 6S3P | 24BIT RGB | 120.70*75.80*3.10 |
| 5.0 | 800*480 | TN | ZW-T050QWH-05 | 1200 | 10S2P | 24BIT RGB | 120.70*75.80*3.10 |
| 5.0 | 800*480 | IPS | ZW-T050HWSA-22 | 1200 | 10S2P | 8BIT LVDS | 120.70*75.80*2.80 |
| 5.5 | 1080*1920 | IPS | ZW-T055AZH-02CP | 610 | 7S2P | 4 LANE MIPI | 77.10*145.7*3.51 |
| 5.5 | 1080*1920 | IPS | ZW-T055AZH-05 | 700 | 7S2P | 4 LANE MIPI | 71.60*129.57*1.90 |
| 5.6 | 640*480 | TN | ZW-T056TN53-01 | 800 | 3S7P | 18BIT RGB | 126.50*100.00*5.70 |
| 5.7 | 640*480 | TN | ZW-T057BGH-01 | 700 | 3S7P | 18BIT RGB | 127.00*98.43*5.85 |
| 7.0 | 800*480 | TN | ZW-T070SWH-19 | 800 | 3S10P | 24BIT RGB | 165.00*100.00*5.70 |
| 7.0 | 1024*600 | IPS | ZW-T070BAHA-24 | 1000 | 3S10P | 8BIT LVDS | 165.00*100.00*5.70 |
| 9.0 | 800*480 | TN | ZW-T090BWH-01 | 950 | 4S9P | 24BIT RGB | 210.70*126.50*5.30 |
| 10.1 | 1024*600 | IPS | ZW-T101BAHA-06 | 500 | 3S13P | 24BIT RGB | 235.00*143.00*5.20 |
| 10.1 | 1280*800 | IPS | ZW-T101QIH-30 | 1000 | 6S6P | 8BIT LVDS | 229.46*149.10*4.80 |
| 10.1 | 800*1280 | IPS | ZW-T101BYH-01CP | 720 | 6S7P | 2 LANE MIPI | 168.73*254.50*8.10 |



Application



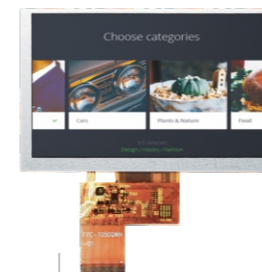
ZW-T035MLH-26

| | |
|------------|----------------------|
| Size | 3.5 inch |
| Resolution | 320x(RGB)x240 |
| A.A. | 70.08x52.56(mm) |
| Outline | 76.84x63.84x3.15(mm) |
| Luminance | 900(nits) |
| Remark | High Luminance. |



ZW-T043QPS-08

| | |
|------------|-----------------------|
| Size | 4.3 inch |
| Resolution | 480x(RGB)x272 |
| A.A. | 95.04x53.86(mm) |
| Outline | 105.50x67.20x3.00(mm) |
| Luminance | 1000(nits) |
| Remark | High Luminance. |



ZW-T050QWH-05

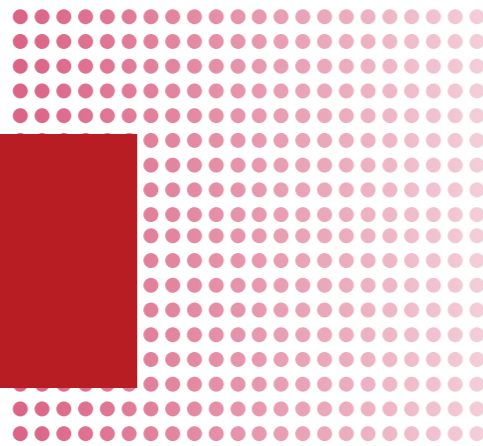
| | |
|------------|-----------------------|
| Size | 5.0 inch |
| Resolution | 800x(RGB)x480 |
| A.A. | 108.00x64.80(mm) |
| Outline | 120.70x75.80x3.10(mm) |
| Luminance | 1000(nits) |
| Remark | High Luminance. |



ZW-T101BAHA-22

| | |
|------------|------------------------|
| Size | 10.1 inch |
| Resolution | 1024x600 |
| A.A. | 222.72*125.28(mm) |
| Outline | 235.00x143.00x5.00(mm) |
| Luminance | 900(nits) |
| Remark | High Luminance. |

IPS TFT LCD Modules



| Size | Resolution (R*G*B) | LCD Type | Disea P/N | Viewing Angle (O'clock) | Luminance (cd/m2) | Module Interface | OutlineDimension W*H*D(mm) |
|------|--------------------|----------|----------------|-------------------------|-------------------|------------------|----------------------------|
| 2 | 240*320 | IPS | ZW-T020HQS-04 | All | 250 | MCU/RGB/SPI | 36.10*51.20*2.35 |
| 2 | 480*360 | IPS | ZW-T020HCSA-01 | All | 350 | 2LANE MIPI | 46.60*41.40*2.75 |
| 2.1 | 480*480 | IPS | ZW-T021BCSA-01 | All | 250 | 18BIT RGB | 56.18*59.71.2.20 |
| 2.3 | 480*360 | IPS | ZW-T023BCSA-01 | All | 500 | 1 LANE MIPI | 50.90*45.80*2.45 |
| 2.4 | 240*320 | IPS | ZW-T024HQI-18 | All | 250 | MCU/RGB/SPI | 42.72*59.46*2.20 |
| 2.4 | 240*320 | IPS | ZW-T024HQI-24 | All | 500 | 8BIT MCU | 42.72*59.46*2.45 |
| 2.8 | 240*320 | IPS | ZW-T028BQI-16 | All | 500 | MCU/RGB/SPI | 50.00*69.20*2.70 |
| 3.5 | 320*240 | IPS | ZW-T035HLS-01 | All | 300 | 24BIT RGB | 76.80*63.90*3.05 |
| 3.5 | 320*480 | IPS | ZW-T035QHI-19 | All | 360 | MCU/RGB/SPI | 54.66*82.94*2.25 |
| 3.5 | 640*480 | IPS | ZW-T035SGV-01 | All | 500 | 24BIT RGB | 76.74*63.74*3.20 |
| 4 | 480*480 | IPS | ZW-T040HCSA-03 | All | 400 | 18BIT RGB | 74.83*78.98*2.02 |
| 4.3 | 480*272 | IPS | ZW-T043BPSA-04 | All | 1000 | 24BIT RGB | 105.50*67.20*2.95 |
| 4.3 | 800*480 | IPS | ZW-T043BWSA-02 | All | 500 | 24BIT RGB | 105.50*67.20*3.00 |
| 4.3 | 800*480 | IPS | ZW-T043BWSA-04 | All | 300 | 24BIT RGB | 105.50*67.20*3.00 |
| 5 | 800*480 | IPS | ZW-T050BWSA-02 | All | 500 | 24BIT RGB | 120.70*75.80*2.85 |
| 5 | 800*480 | IPS | ZW-T050HWSA-22 | All | 1200 | 8BIT LVDS | 120.70*75.80*2.80 |
| 5.5 | 1080*1920 | IPS | ZW-T055AZH-05 | All | 700 | 4 LANE MIPI | 71.60*129.57*1.90 |
| 5.7 | 640*480 | IPS | ZW-T057BGEA-01 | All | 650 | 18BIT RGB | 127.00*98.43*5.80 |
| 6.8 | 480*1280 | IPS | ZW-T068BZCA-01 | All | 450 | 4 LANE MIPI | 66.70*181.20*4.40 |
| 7 | 1024*600 | IPS | ZW-T070BAHA-07 | All | 250 | 24BIT RGB | 164.90*100.00*2.92 |
| 7 | 1024*600 | IPS | ZW-T070BAHA-09 | All | 500 | 8BIT LVDS | 164.80*99.80*5.65 |
| 7 | 1024*600 | IPS | ZW-T070BAHA-24 | All | 1000 | 8BIT LVDS | 165.00*100.00*5.70 |
| 7 | 1280*800 | IPS | ZW-T070TIS-01 | All | 400 | 8BIT LVDS | 161.00*107.00*3.35 |
| 8 | 1024*768 | IPS | ZW-T080QXH-02 | All | 250 | 8BIT LVDS | 174.00*136.00*2.45 |
| 10.1 | 1024*600 | IPS | ZW-T101BAHA-01 | All | 500 | 8BIT LVDS | 235.00*143.00*5.20 |
| 10.1 | 1280*800 | IPS | ZW-T101QIH-04 | All | 280 | 8BIT LVDS | 229.34*148.98*2.50 |
| 10.1 | 1280*800 | IPS | ZW-T101QIH-30 | All | 1000 | 8BIT LVDS | 229.46*149.10*4.80 |
| 10.1 | 800*1280 | IPS | ZW-T101BYIA-04 | All | 600 | 4 LANE MIPI | 143.00*228.60*2.60 |



Application

ZW-T028BQI-16

| | |
|------------|----------------------|
| Size | 2.8 inch |
| Resolution | 240x(RGB)x320 |
| A.A. | 43.20x57.60(mm) |
| Outline | 50.00x69.20x2.70(mm) |
| Luminance | 500(nits) |
| Remark | IPS wide viewing. |

ZW-T043BWSA-01

| | |
|------------|-----------------------|
| Size | 4.3 inch |
| Resolution | 800x(RGB)x480 |
| A.A. | A.A.:95.04x53.86(mm) |
| Outline | 105.50x67.20x3.00(mm) |
| Luminance | 350(nits) |
| Remark | IPS wide viewing. |

ZW-T070BAHA-09

| | |
|------------|-----------------------|
| Size | 7.0 inch |
| Resolution | 1024(RGB)*600 |
| A.A. | 154.21*85.92(mm) |
| Outline | 164.90x99.80x5.65(mm) |
| Luminance | 500(nits) |
| Remark | IPS wide viewing. |

ZW-T101QIH-04

| | |
|------------|------------------------|
| Size | 10.1 inch |
| Resolution | 1280x(RGB)x800 |
| A.A. | 216.96x135.60(mm) |
| Outline | 229.34x148.98x2.50(mm) |
| Luminance | 280(nits) |
| Remark | IPS wide viewing. |

Wide Temperature TFT LCD Modules

| Size | Resolution (R*G*B) | Dissea P/N | Luminance (cd/m2) | Module Interface | OutlineDimension W*H*D(mm) | Operating Temperature (°C) | Storage Temperature (°C) |
|------|--------------------|------------------|-------------------|------------------|----------------------------|----------------------------|--------------------------|
| 2.3 | 480*360 | ZW-T023BCSA-01 | 500 | 1 LANE MIPI | 50.90*45.80*2.45 | -30~+80 | -30~+80 |
| 2.4 | 240*320 | ZW-T024YQSTR-01 | 200 | 16BIT MCU | 42.72*60.26*2.37 | -30~+75 | -40~+80 |
| 3.5 | 240*320 | ZW-T035GQI-02 | 650 | MCU/RGB/SPI | 61.55*84.84*8.60 | -30~+85 | -40~+90 |
| 3.5 | 320*240 | ZW-T035HLS-06 | 300 | 24BIT RGB | 76.80*63.90*3.05 | -30~+80 | -30~+80 |
| 4.3 | 480*272 | ZW-T043GPR-01P | 600 | 24BIT RGB | 105.50*67.20*4.25 | -30~+85 | -30~+85 |
| 4.3 | 480*272 | ZW-T043BPSA-04 | 1000 | 24BIT RGB | 105.50*67.20*2.95 | -30~+80 | -30~+80 |
| 4.3 | 480*272 | ZW-T043HPWA-03CP | 850 | 24BIT RGB | 105.50*67.20*5.00 | -35~+85 | -35~+85 |
| 5.0 | 800*480 | ZW-T050BWSA-04 | 1000 | 24BIT RGB | 120.70*75.80*2.85 | -30~+80 | -30~+80 |
| 5.0 | 800*480 | ZW-T050HWSA-22 | 1200 | 8BIT LVDS | 120.70*75.80*2.80 | -30~+80 | -30~+80 |
| 7.0 | 800*480 | ZW-T070QWH-26 | 450 | 24BIT RGB | 165.00*100.00*5.70 | -35~+85 | -35~+85 |
| 7.0 | 800*480 | ZW-T070QWH-26P | 360 | 24BIT RGB | 165.00*100.00*6.85 | -35~+85 | -35~+85 |
| 7.0 | 800*480 | ZW-T070JWHA-02 | 500 | 24BIT RGB | 165.00*104.60*5.30 | -30~+85 | -40~+90 |
| 7.0 | 800*480 | ZW-T070JWHA-02P | 400 | 24BIT RGB | 165.00*104.60*6.30 | -30~+85 | -40~+90 |
| 8.8 | 1280*480 | ZW-T088BZHA-01 | 400 | 6/8BIT LVDS | 229.60*97.40*6.00 | -30~+80 | -40~+85 |
| 10.1 | 1024*600 | ZW-T101BAH-09 | 380 | 24BIT RGB | 235.00*143.00*5.10 | -20~+70 | -30~+80 |
| 12.1 | 1024*768 | ZW-T121HXXA-03 | 500 | 6/8BIT LVDS | 260.50*204.00*8.30 | -30~+85 | -30~+95 |



Application



ZW-T028BQI-16

| | |
|------------|----------------------|
| Size | 2.8 inch |
| Resolution | 240x(RGB)x320 |
| A.A. | 43.20x57.60(mm) |
| Outline | 50.00x69.20x2.70(mm) |
| Luminance | 500(nits) |
| Remark | IPS wide viewing. |



ZW-T043BWSA-01

| | |
|------------|-----------------------|
| Size | 4.3 inch |
| Resolution | 800x(RGB)x480 |
| A.A. | A.A.:95.04x53.86(mm) |
| Outline | 105.50x67.20x3.00(mm) |
| Luminance | 350(nits) |
| Remark | IPS wide viewing. |



ZW-T070BAHA-09

| | |
|------------|-----------------------|
| Size | 7.0 inch |
| Resolution | 1024(RGB)*600 |
| A.A. | 154.21*85.92(mm) |
| Outline | 164.90x99.80x5.65(mm) |
| Luminance | 500(nits) |
| Remark | IPS wide viewing. |



ZW-T101QIH-04

| | |
|------------|------------------------|
| Size | 10.1 inch |
| Resolution | 1280x(RGB)x800 |
| A.A. | 216.96x135.60(mm) |
| Outline | 229.34x148.98x2.50(mm) |
| Luminance | 280(nits) |
| Remark | IPS wide viewing. |



Thank You

DISEA Electronics
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www.diseaelec.com

sina@diseaelec.com