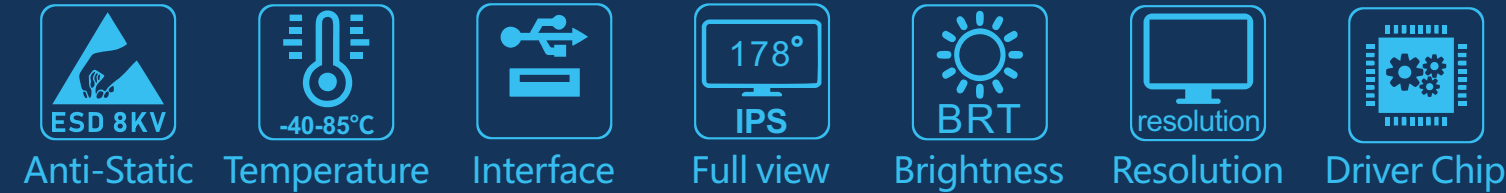


# TFT LCD Display-Special Shape



- Full color, up to 16.7 million colors
- HD for a clearer vision
- Highlight, visible in sunlight
- Interface, rich interface selection
- Viewing angle, IPS technology wide viewing angle



TFT irregular display series basic functions	
size:	1.3~12.3寸(inch)
Brightness:	200~2000cd/m2
Temperature:	-40℃~85℃
TOUCH:	Capacitive screen PCAP, resistive screen RTP (optional)
Resolution:	128x128~1920x720 dots
Interface:	MCU、SPI、RGB、LVDS、MIPI
Shape:	Square,circular, strip screen, Mono TFT
Features:	Different from conventional and unique applications

## Round screen | Square screen | Strip | TFT display special series

- Conventional TFTs are generally rectangular with a ratio of 16:9 or 4:3. However, due to structural limitations of some end products, rectangular TFTs cannot meet the structural requirements. Therefore, Xinhongtai HOTLCD has developed a series of circular TFTs and square TFTs to adapt to special products. need. Due to the special process of round products, the production yield is low, so the cost will be higher than that of conventional TFT.
- Car-grade and special TFT display series are a high-precision category of products customized by Xinhongtai HOTLCD for automotive electronics and special industries. In recent years, with the rapid development of technology and intelligence in automotive electronics, various car companies have continuously changed the central control display screen from monochrome to color, and the size of the color screen has ranged from a minimum of 3.5 inches to a current maximum of 12.3 inches, and in More and more work has been done on the central control screen, and the full LCD instrument panel will gradually become the "core configuration" of the car. Xinhongtai HOTLCD currently provides three long-bar high-resolution car displays of 10.1-inch, 10.3-inch, and 12.3-inch, and will develop more larger-sized car-grade special displays in the future.
- Monochrome TFT: Ultra-high contrast, no need to be afraid of sunlight! The Mono TFT provided by Xinhongtai has high contrast and wide viewing angle. The monochrome TFT LCD screen has two processes: TN positive and black VA. Although it is a monochrome display, it uses an active TFT process and the contrast ratio is as high as 1000:1. Monochrome TFT LCD modules have higher contrast and faster response than traditional monochrome STNLCD modules. The display effect is better than monochrome STN LCD. Some module models are more competitive in price than STN.

# TFT液晶显示模块-特殊屏



- 全彩，高达1670万色
- 高清，让视界更清晰
- 高亮，阳光下可见
- 接口，丰富的接口选择
- 视角，IPS技术宽广视角



更多产品扫码



防静电



高低温



接口



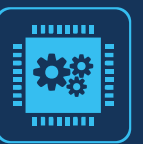
视角



高亮



分辨率



驱芯

## TFT不规则显示屏系列基本功能

尺寸:	1.3-12.3寸(inch)
亮度:	200~2000cd/m2
温度:	-40℃~85℃
触控:	电容屏PCAP,电阻屏RTP(可选)
分辨率:	128x128~1920x720 dots
接口:	MCU、SPI、RGB、LVDS、MIPI
外形:	方型、圆形、长条形、单色TFT
特点:	别与常规、独特应用

## 圆屏 | 方屏 | 长条 | TFT显示屏特殊型系列

●常规TFT一般都是长方形16:9或者4:3 比例，但是部分终端产品结构限制，长方形TFT无法满足结构需求，因此，鑫洪泰HOTLCD开发出一系列圆形TFT和方形TFT来适应特殊产品需求。由于圆形的产品工艺特殊，生产良率较低，所以，成本也会比常规TFT高一些。

●车规级和特殊型TFT显示屏系列是鑫洪泰HOTLCD专为汽车电子及特殊行业而定制的一个高精尖类别产品。近几年，随着汽车电子的科技化、智能化的迅速发展，各车企在不断地将中控显示屏从单色到彩色，彩屏的尺寸从最小3.5寸到目前最大12.3寸，而且在中控屏身上做的功夫越来越多了，全液晶显示仪表盘也将渐渐成为汽车“核心配置”。鑫洪泰HOTLCD目前可以提供10.1寸、10.3寸、12.3寸三款长条形高分辨率车载显示屏，后续将开发出更多更大尺寸的车规级特殊型显示屏。

●单色TFT：超高对比度，何惧阳光！鑫洪泰提供的Mono TFT的对比度高、视角广，单色TFT液晶屏有TN positive 和black VA两种工艺，虽然是单色显示，但是使用主动式的TFT制程，对比度高达1000:1。单色TFT液晶模块比起传统的单色STN LCD模块有更高的对比度、以及更快的反应速度，显示效果优于单色STN LCD，部分模块型号价格比STN更具竞争力。