



深圳市爱普拓思科技有限公司

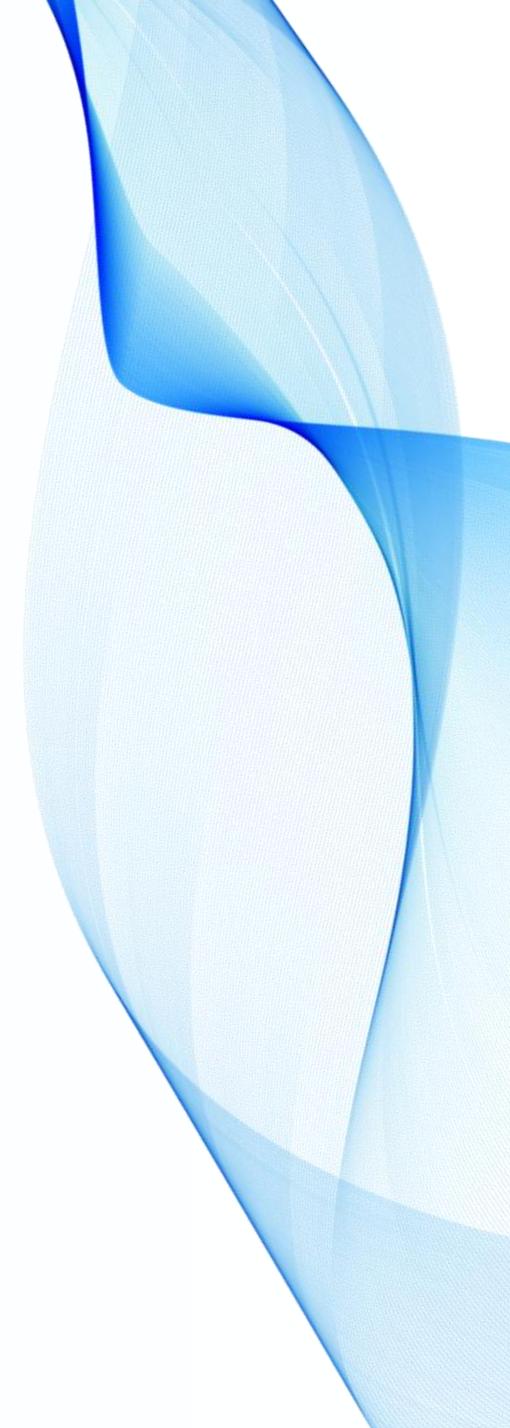
APTUS INTERNATIONAL CO.,LTD

## Who is Aptus

- ◆ Aptus was set up in 2013.
- ◆ Paid-in Capital 10M RMB (about 1.5M USD) and Revenue 200+M RMB for 2024. (about 28M USD)
- ◆ We are agent of **AUO BOE**.
- ◆ China National High-tech Enterprise
- ◆ Brand with APTUS and DUOBOND
  
- ◆ Professional R&D team, OEM and ODM are accepted.
- ◆ Turnkey service for customers: Driving board, LCD cable, Touch screen, inverter, optical bonding, etc.

## What we can do

- ◆ Aptus is an enterprise specializing in manufacturing professional LCD displays, touch panels, and integrated display solutions. It focuses on developing, manufacturing, and marketing versatile, customized LCD and touch products with TFT LCD panels, capacitive/resistive touchscreens, and relevant controller boards.
- ◆ Our products suit industries like industrial, medical, and PC solutions. They're customizable per client needs. We're customer-centric, offering cost-effective offerings and value-added services to stand out.
- ◆ Our ultimate goal is to forge long-term, stable client partnerships under a win-win policy, fostering a positive, sustainable business environment for partners.



# LCD Fab



Advanced Automated Production Line

Full process and flexible production line.



Professional Technical Team

Professional management team with over years product design and manufacturing experiences.



Quality Control Process

Complete quality and process controlling system.



Professional Service Team

Understand and focus on customer's requirement and provide a very close supporting in design and after sales.

# TP Fab



# Product Catalog

- ◆ AUO automotive Products
- ◆ LCD big size
- ◆ Solutions for Commercial and Industrial Applications
- ◆ OLED/TFT LCD (Round, Square and High brightness & Wide Top)
- ◆ Touch panel and optical bonding
- ◆ AD board, LED driver board, and Convert board.
- ◆ LCD module with MCU interface

# AUO Automotive Products

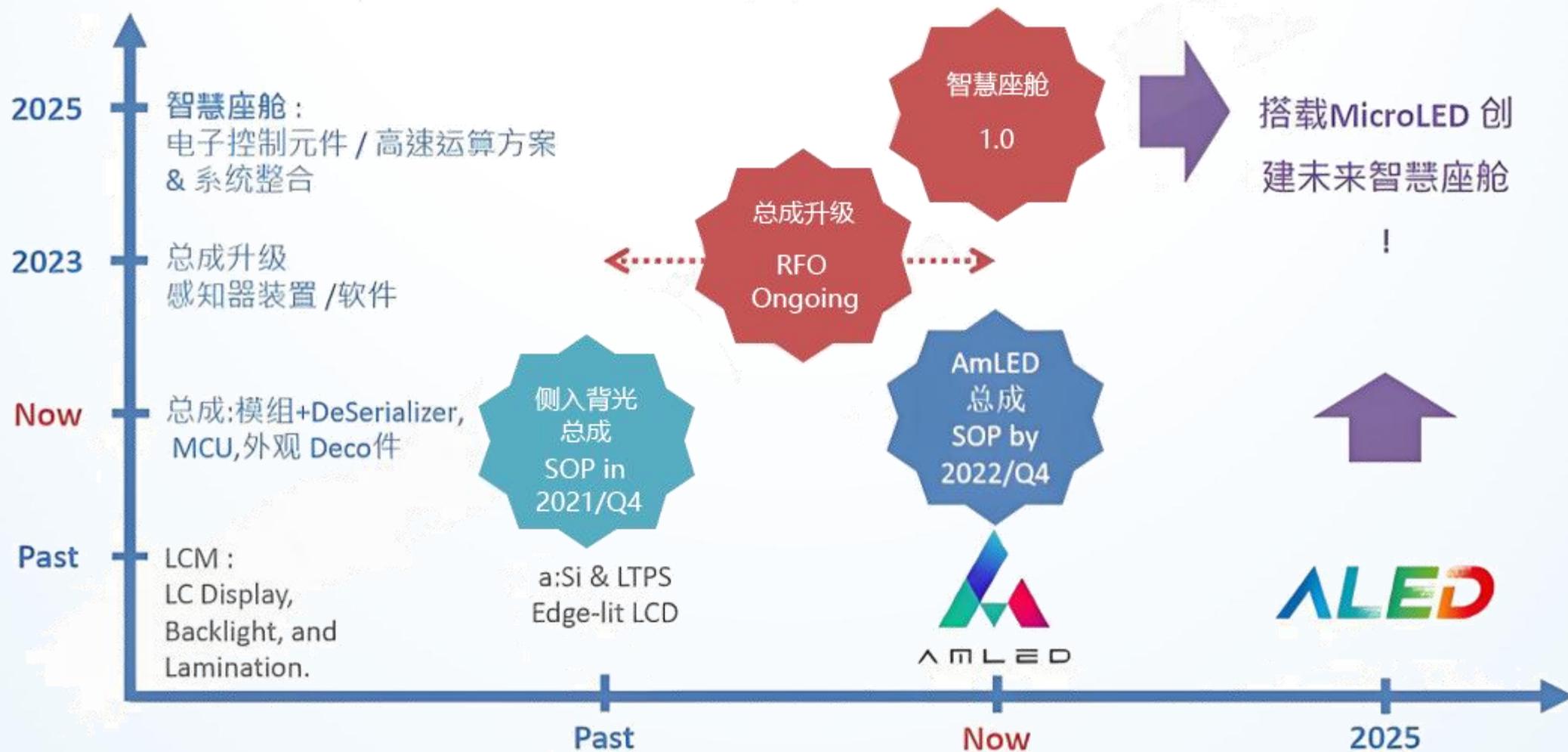
- Highly customized, full automotive-grade display with stable & quality delivery to the world.



以及更多 (And more...) :

- ✓ 後座娛樂顯示 (RSE)
- ✓ 觸控 (Touch) 、旋鈕 (Knob)
- ✓ 人機介面 (Human-Machine Interface)

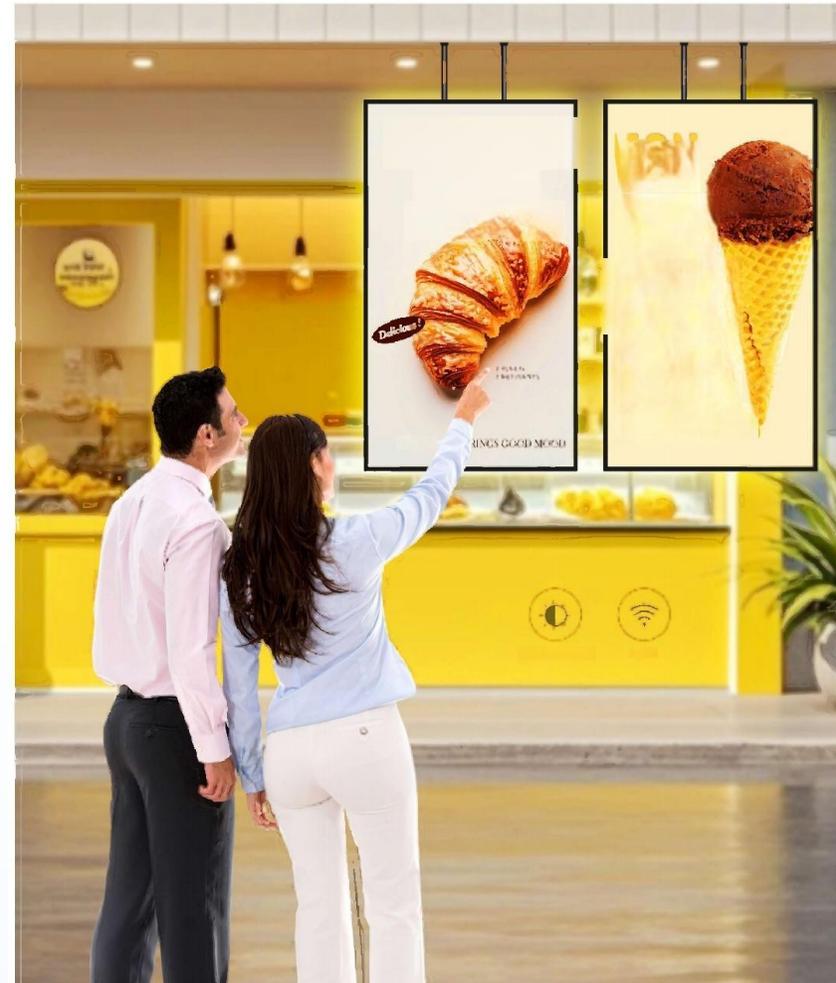
# AUO Automotive Roadmap



# Regular ELED Series



- ◆ SIZE: 32、43、49、55、65
- ◆ CSOT、BOE、LG、AUO、HKC
- ◆ OC is fully compatible
- ◆ Standard wall-mounted design
- ◆ Brightness design 350-700nit
- ◆ Some can be done. 1000nit



- ◆ Supports both landscape and portrait modes
- ◆ Compatible with baked-on paint integrated solution
- ◆ Compatible with infrared and capacitive touch in one machine solution
- ◆ Applicable to class board, water board, inquiry machine, magic mirror, outdoor TV, etc.

# ELED ET Series



- ◆ Supports both landscape and portrait orientation
- ◆ Full aluminum back panel, better heat dissipation
- ◆ Customized design, no limitations, compatible with 8KOC
- ◆ Applicable to class board, water board, inquiry machine, magic mirror, semi-outdoor TV, etc.

- ◆ SIZE: 21.5 、 23.8 、 32、 43、 49、 55 、 65 、 75
- ◆ SOT、 BOE、 LG、 AUO、 HKC
- ◆ OCFull compatibility
- ◆ Four-sided front frame design
- ◆ Brightness design350-1500nit

# Curved series



Game terminal



Exhibition hall



Bank government  
and enterprise



Hospital clinic



Catering restaurant



Real estate sales



Tourist attraction



Airport subway



- ◆ Supports both landscape and portrait orientation
- ◆ J-shaped can be customized according to actual needs.
- ◆ Customized design, no limitations
- ◆ Applicable to buses, subways, shopping malls, etc.

- ◆ SIZE: 43、49、55
- ◆ The profile can be designed according to OC, fully compatible with OC
- ◆ Black anodized front frame design
- ◆ Brightness design 350-1500nit

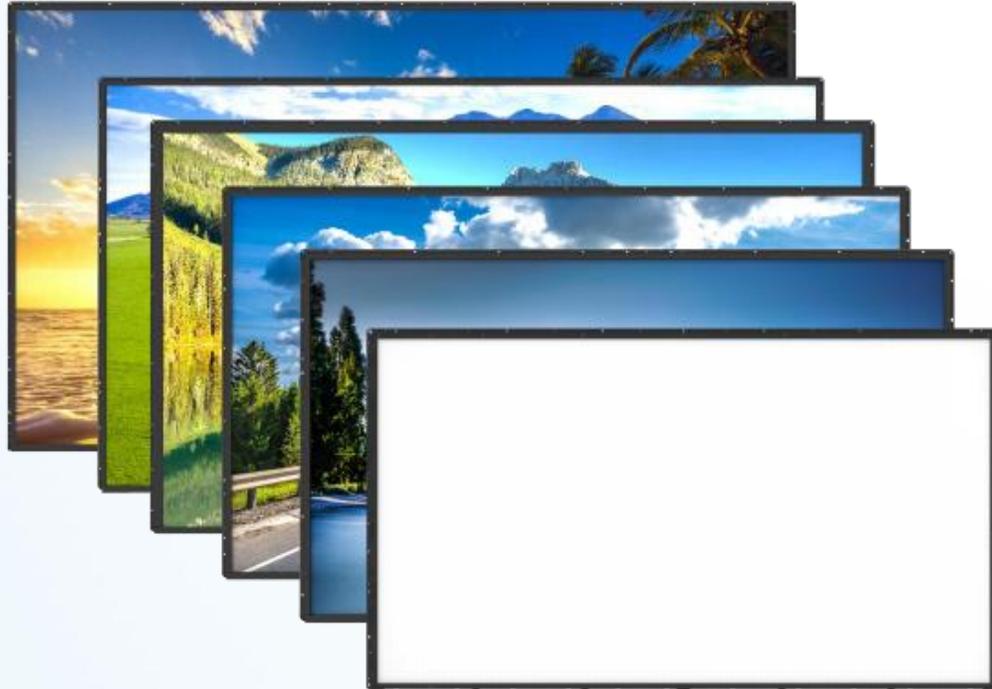
# EB Series Modules - ELED



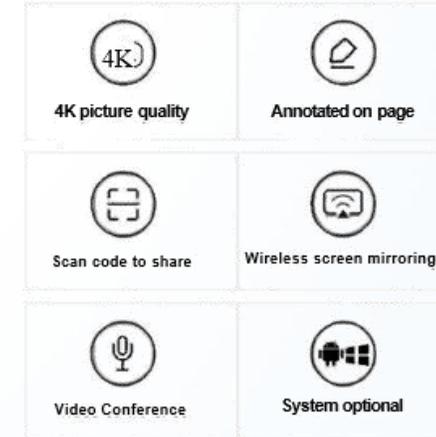
- ◆ SIZE: 28、29、36.6、43、47.6、49、58.4
- ◆ The profile can be designed according to OC, fully compatible with OC
- ◆ Black anodized front frame design
- ◆ Brightness design 350-1500nit

- ◆ Supports both landscape and portrait orientation
- ◆ Full aluminum back panel, better heat dissipation
- ◆ Customized design, no limitations
- ◆ Applicable to buses, subways, shopping malls, etc.

# DLED S Series



- ◆ SIZE: 55、65、75、85、86、98
- ◆ CSOT、BOE、LG、AUO、HKCOC compatible
- ◆ Plastic front frame, lighter weight
- ◆ Brightness design 350-1000nit



- ◆ Supports both landscape and portrait orientation
- ◆ The back panel is locally painted, and the rear shell can be installed to assemble the entire machine.
- ◆ Standard wall-mounted design
- ◆ Applicable to educational machines, conference machines, advertising machines, etc.

# DLED S monitor Series

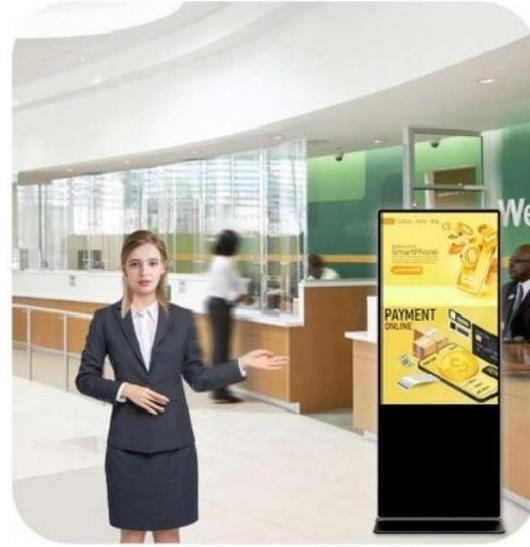


- ◆ Supports both landscape and portrait orientation
- ◆ The back panel is locally painted, and the rear shell can be installed to assemble the entire machine.
- ◆ Standard wall-mounted design
- ◆ Applicable to monitors, educational machines, conference machines, advertising machines, etc.



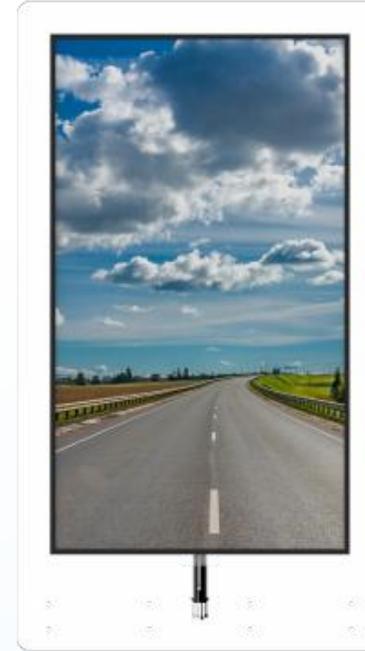
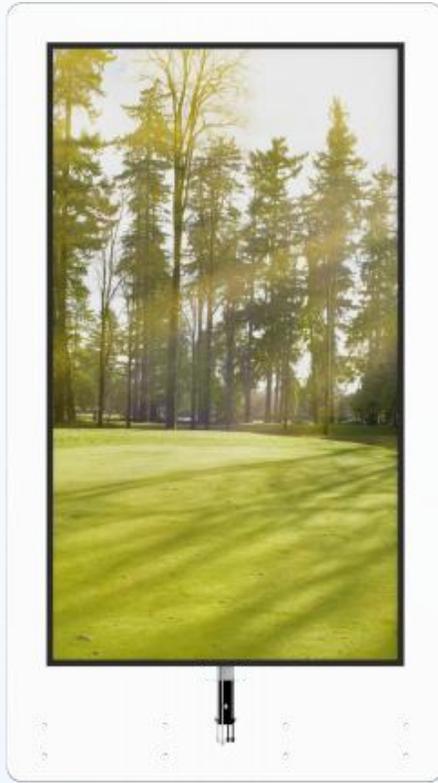
- ◆ SIZE: 65、75、86
- ◆ CSOT、BOE、LG、AUO、HKCOC compatible
- ◆ Four-sided front frame of the profile
- ◆ Brightness design 350-1000nit

# Local Dimming series



- ◆ SIZE: 32、43、49、55、65、75、86
- ◆ CSOT、BOE、LG、AUO、HKCFully compatible with OC
- ◆ Full aluminum back panel design, better heat dissipation
- ◆ Uniformity up to 85% or more
- ◆ High-brightness design 1000-5000nit

# Double screen Series



- ◆ SIZE: 43、55
- ◆ CSOT、BOE、LG、AUO、HKC compatible with OC
- ◆ Full aluminum back panel design, better heat dissipation
- ◆ Uniformity up to 80% or more
- ◆ High-brightness design 350-1500nit

- ◆ Supports both landscape and portrait orientation
- ◆ Compatible with baked-on paint integrated solution
- ◆ Compatible IR and Capacitive Touch All-in-One Machine Solution
- ◆ Applicable to class board, water board, inquiry machine, magic mirror, advertising machine, outdoor TV, etc.
- ◆ Different sizes can be customized according to customer needs.

# OD12 Series Overview - DLED



- ◆ SIZE: 43、49、55、65
- ◆ CSOT、BOE、LG、AUO、HKCWait for OC
- ◆ Thinner module/whole machine thicknessFour-sided front frame, width 9.9mm
- ◆ Brightness can be 350-1500nit

- ◆ Supports both landscape and portrait orientation
- ◆ Compatible with baked-on paint integrated solution
- ◆ Compatible IR and Capacitive Touch All-in-One Machine Solution
- ◆ Applicable to educational machines, conference machines, inquiry machines, advertising machines, etc.

# High Brightness Series Overview - DLED



- ◆ Supports both landscape and portrait orientation
- ◆ Compatible with baked-on paint integrated solution
- ◆ Compatible IR and Capacitive Touch All-in-One Machine Solution
- ◆ Applicable to class board, water board, inquiry machine, magic mirror, advertising machine, outdoor TV, etc.
- ◆ 1152 partition light board, 192 partition, light strip

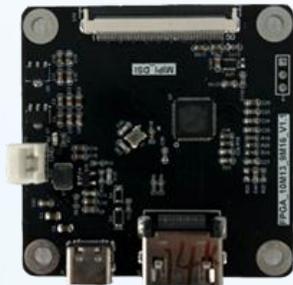
- ◆ SIZE: 27、32、43、49、55、65、75、86
- ◆ CSOT、BOE、LG、AUO、HKCFully compatible with OC
- ◆ Full aluminum back panel design, better heat dissipation
- ◆ Uniformity up to 85% or more
- ◆ High-brightness design 1000-5000nit

# Flight Simulator Solution



# SLA 3D Printer Solution

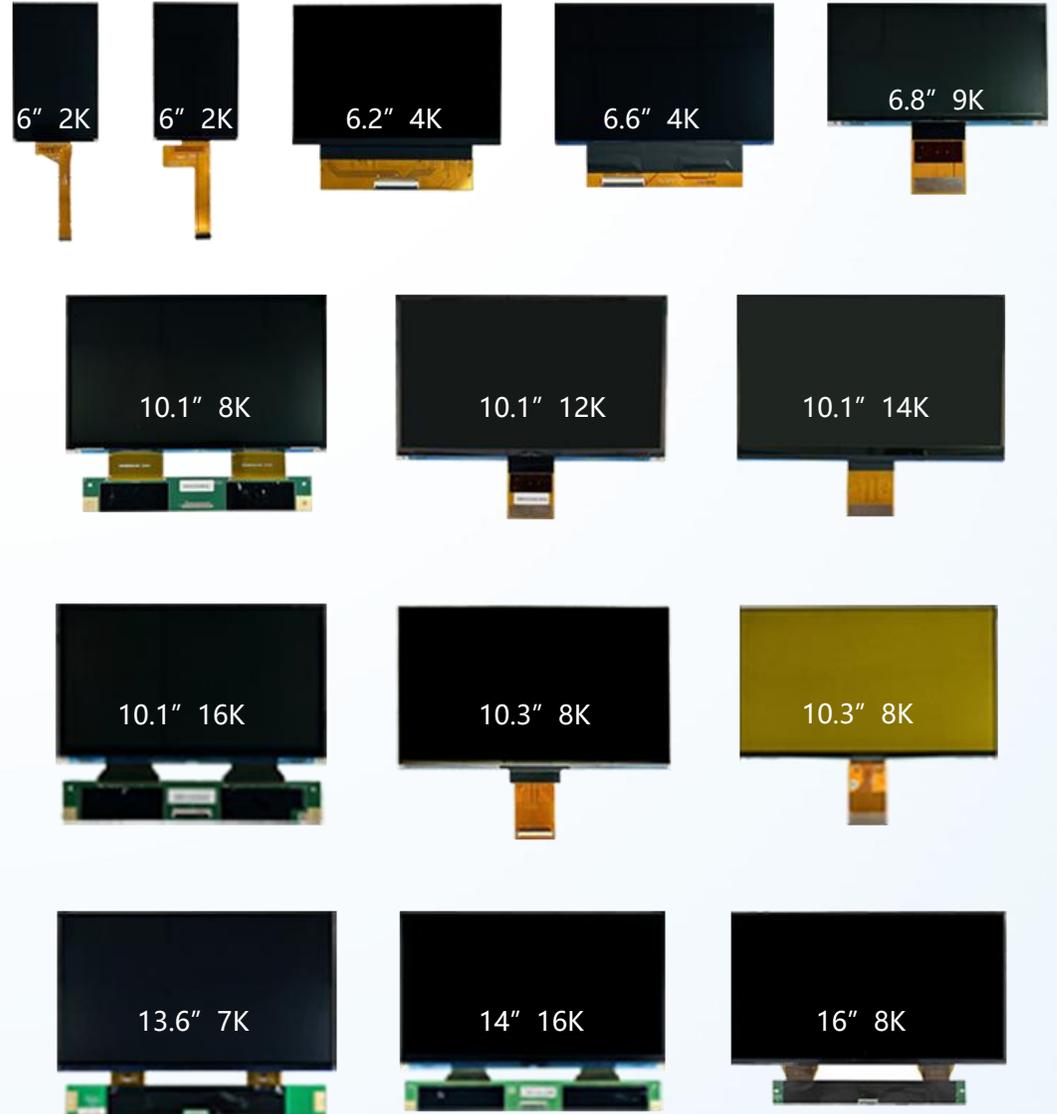
10.1 INCH 14K LCD MODULE



MIPI CONTROLLER BOARD



LCD CABLE



# Bar Type LCD Display



2.99" 268\*800 RGB/MIPI Interface  
Bar LCD Display



4.6" 320\*960 RGB/MIPI Interface Bar  
Type TFT LCD Display



7" 280\*1424 MIPI Interface IPS TFT Bar  
LCD Display



7.8" 400\*1280 MIPI Interface  
800nits IPS TFT LCD Module



11.26" 440\*1920 MIPI Interface IPS  
TFT Bar LCD Display



43" 3840x720 V-by-one Bar LCD  
Display

# Automotive LCD Module



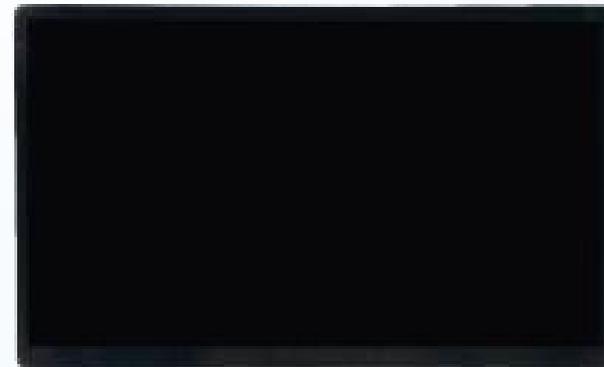
7" 1280x720 Automotive LVDS IPS  
LCD Display



10.25" 1920x720 LVDS 80PIN  
1000nits Automotive LCD Display

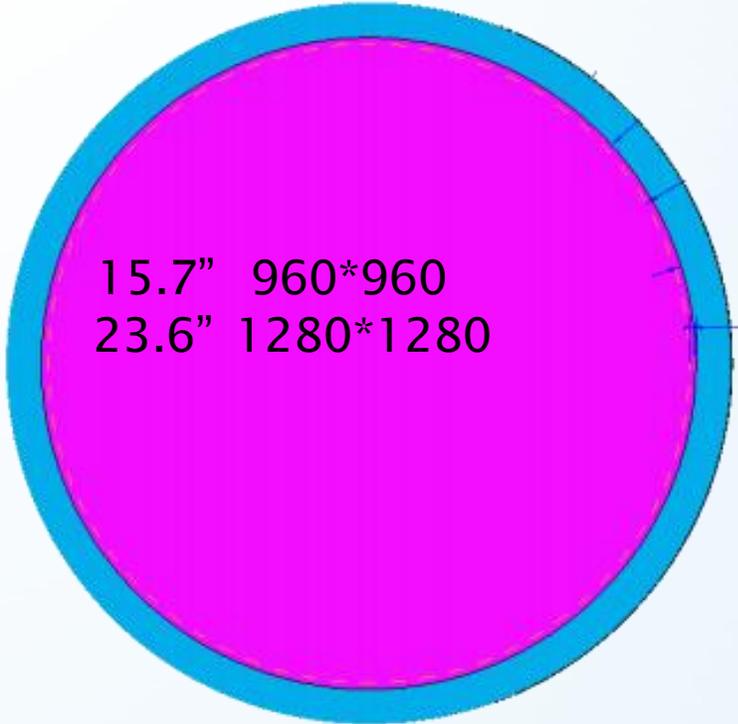


12.3" 1920x720 Automotive LVDS  
IPS LCD Display



15.6" 1920x1080 LVDS IPS Bar  
Automotive LCD Display

# Commercial and Industrial Applications: Round LCD



# Industrial Applications 5" -43"



7" 800\*480 LVDS  
1000nit, 工作-30/+85度



10.1" 1920\*1080 LVDS  
1200nit, 工作-40/+80度



15.6" 1920\*1080 LVDS  
1000nit 工作-40/+80度

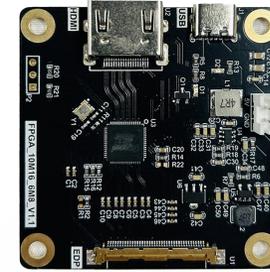


# AD board and Control Kits

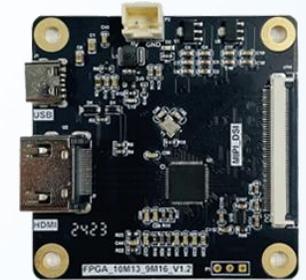
- ◆ HDMI to LVDS/TTL Control Board with LED driver
- ◆ HDMI to eDP Control Board, up to 8K
- ◆ HDMI to MIPI Control Board, up to 16K
- ◆ LCD Cable/Key Board/Touch Panel/Invertor
- ◆ The LCD display accessories we offer (including cables, connectors and installation components)



HDMI/VGA-LVDS/TTL FHD



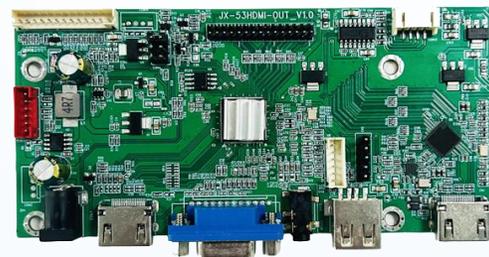
H-DMI To EDP  
Driver Board



H-DMI To MIPI  
Driver Board



Custom LCD Driver Board



FHD AD Board



Customized LCD  
Backlight Driver Board



OEM LCD FPC Panel Cable



Work Together!  
Win Together!

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