



Shenzhen RisingStar Outdoor High Light LCD Co.,Ltd

- 10.1"-110", 500 nits-5000 nits
- Sunlight Readable LCD Panel
- High Brightness Open Frame Monitor
- High Brightness Stretch TFT LCD Panel
- Window Facing Display
- Outdoor Digital Signage



COMPANY INTRODUCTION

Risingstar is a national high-tech enterprise specializing in the research and development of high-brightness LCD panels. We specialize in producing and selling various high-brightness LCD panels from 10.1" to 110", and the LCD displays made by our own panels such as outdoor sunlight-readable LCD displays, window-facing displays/shop retail digital signage, public transit system displays, stretched LCD displays, touch screens, etc.

Our products are intended to meet the requirements of all customers come from worldwide, and they have already been exported to multiple countries come from worldwide, including Germany, France, Italy, Spain, Korea, Japan, the USA, the UK, and the entire Scandinavia area.

A simple overview of Risingstar LCD:

- Indoor/ Outdoor:
from 300 nits to 5000 nits
- Standard sizes:
10.1"/15.6"/21.5"/23.8"/27"/32"/43"/46"/49"/55"/65"/75"/86"/98"/110"
- Stretched LCD:
14.1"/19.1"/28"/37.6"/42"/48.5"/49.5"/56.6"/105"
- Installation:
Wall-mounting, Free-standing, Ceiling-hanging, Embedded



COOPERATION CASES

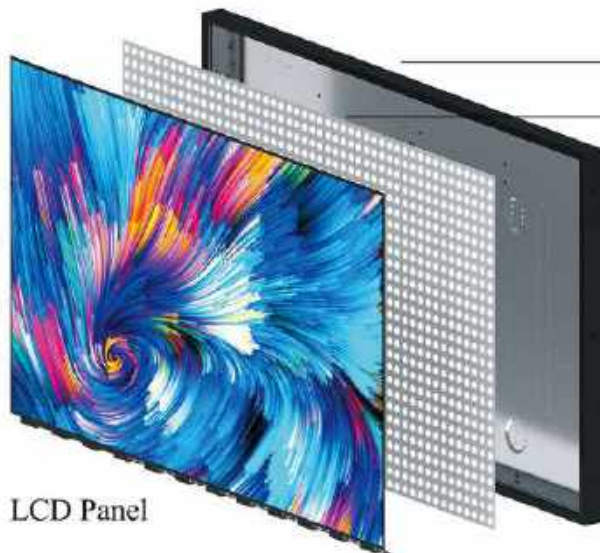


Mini-LED Backlight High Brightness LCD Panel

- ** High-strength aluminum shell
- ** Fast heat dissipation
- ** Direct backlight, Uniform brightness and Low power consumption
- ** High brightness sunlight readable
- ** 50000 hours working life
- ** Landscape & Portrait
- ** 1500000 ultra high contrast



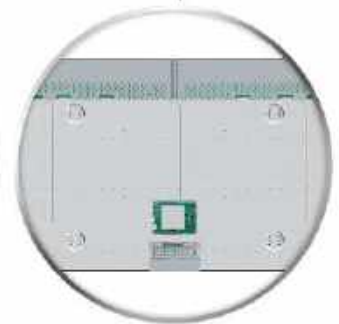
Application: Outdoor digital signage, Passenger information system, Public transit display, EV charging pile, 3D display, Medical monitor, etc.



LCD Panel



Mini LED Light



Back Frame



Mini LED driver

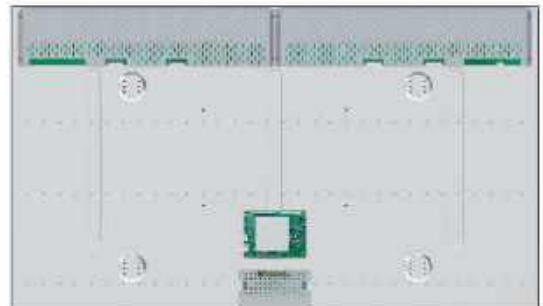


Algorithm board



T-Con board

Mini-LED Backlight High Brightness LCD Panel



(size unit:mm)

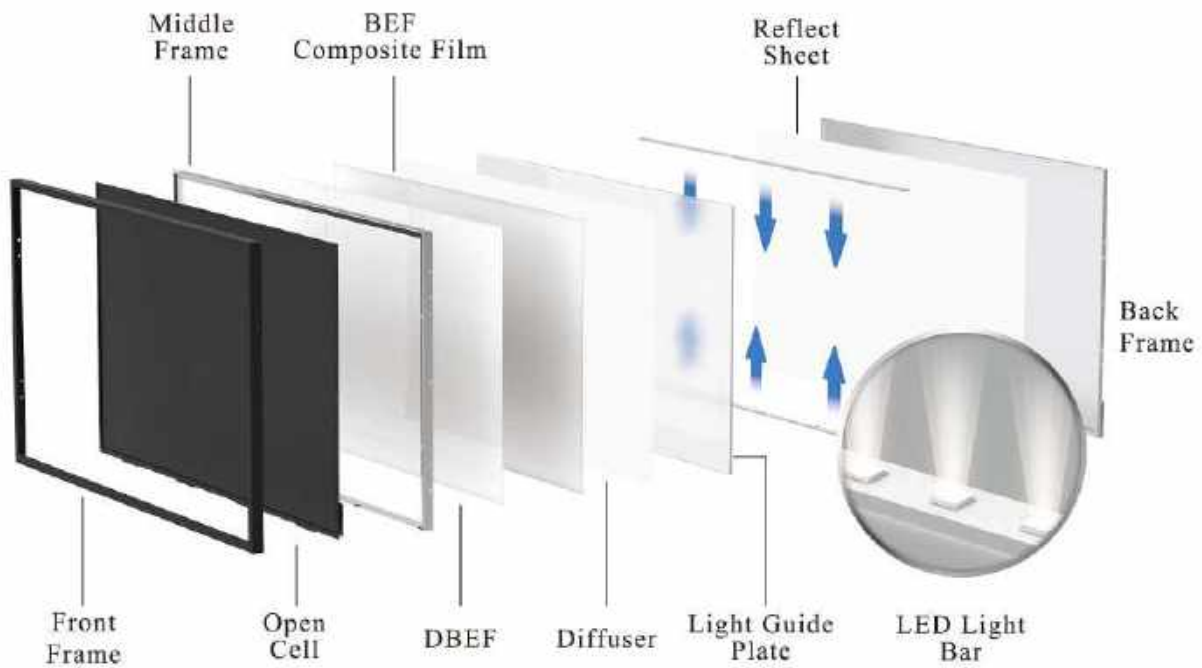
Product Parameters

| Screen Size | Aspect Ratio | Resolution | Backlight | Contrast Ratio | Brightness (Typ)(nits) | Viewing Angle | Signal Type |
|-------------|--------------|-----------------------|--------------------|----------------|------------------------|----------------------------------|---------------------------|
| 13.3 inch | 16:9 | 1920*1080 / 3840*2160 | Mini-LED Backlight | 1500000:1 | 2000 | 89/89/89/ 89(Min.) (CR≥10) | V-by-one/ LVDS/ EDP |
| 21.5 inch | | 1920*1080 / 3840*2160 | | | 2000 | | |
| 27 inch | | 1920*1080 / 3840*2160 | | | 2000 | | |
| 32 inch | | 1920*1080 / 3840*2160 | | | 3000 | | |
| 43 inch | | 1920*1080 / 3840*2160 | | | 3000 | | |
| 49 inch | | 1920*1080 / 3840*2160 | | | 3000 | | |
| 55 inch | | 1920*1080 / 3840*2160 | | | 3000 | | |
| 65 inch | | 3840*2160 | | | 3000 | | |
| 75 inch | | 3840*2160 | | | 3000 | | |
| 86 inch | | 3840*2160 | | | 3000 | | |

ELED Backlight High Brightness LCD Panel

- ** Edge backlight uniform brightness and Low power consumption
- ** High brightness sunlight readable
- ** 50000 hours working life
- ** Landscape & Portrait
- ** Slim-body design

Application: Self-service kiosks, Charging station device, Transportation system, Smart self-service system, Industrial control system, Outdoor digital signage, etc.



LED Driver

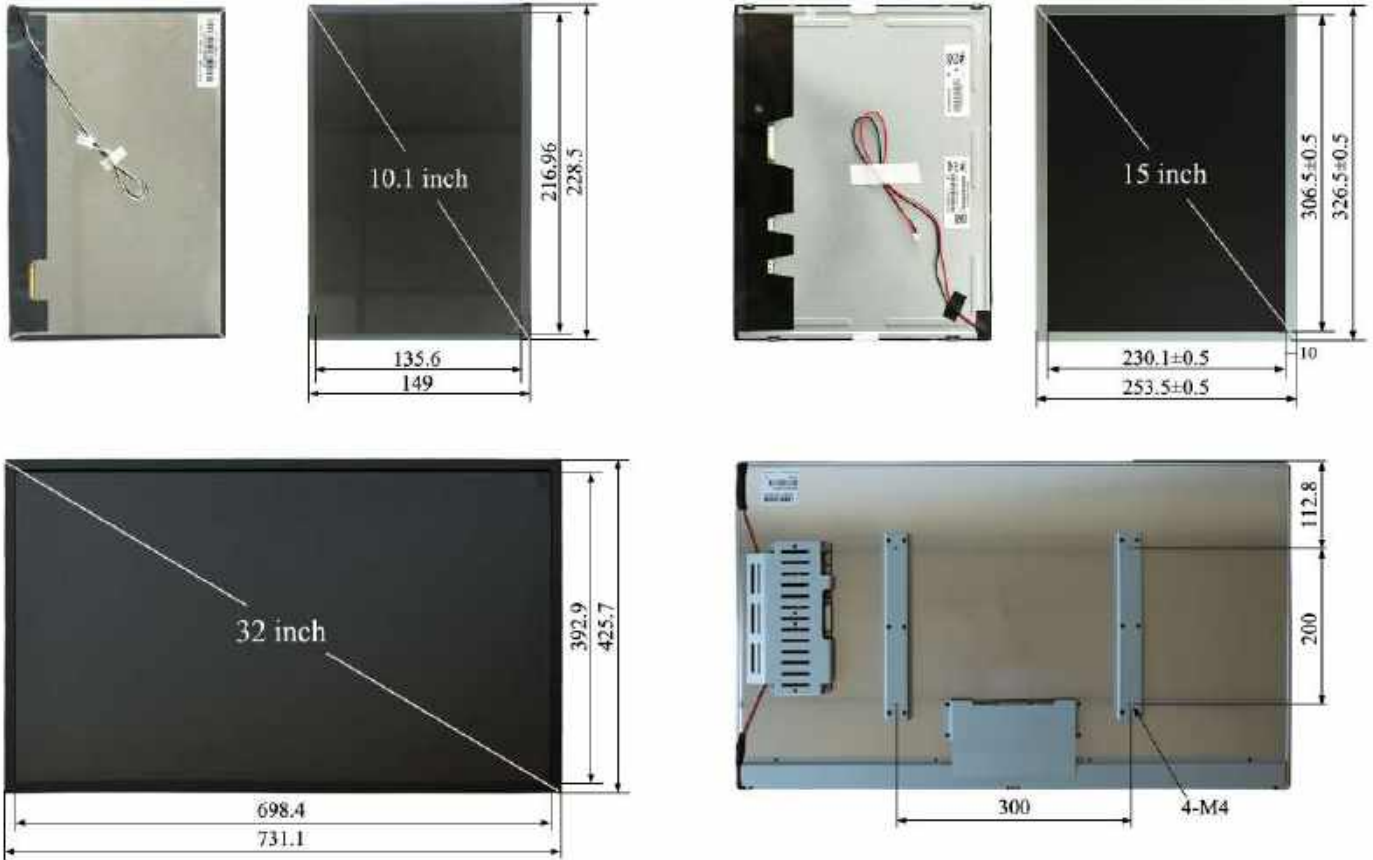


AD Board



Android Motherboard

ELED Backlight High Brightness LCD Panel



(size unit:mm)

Product Parameters

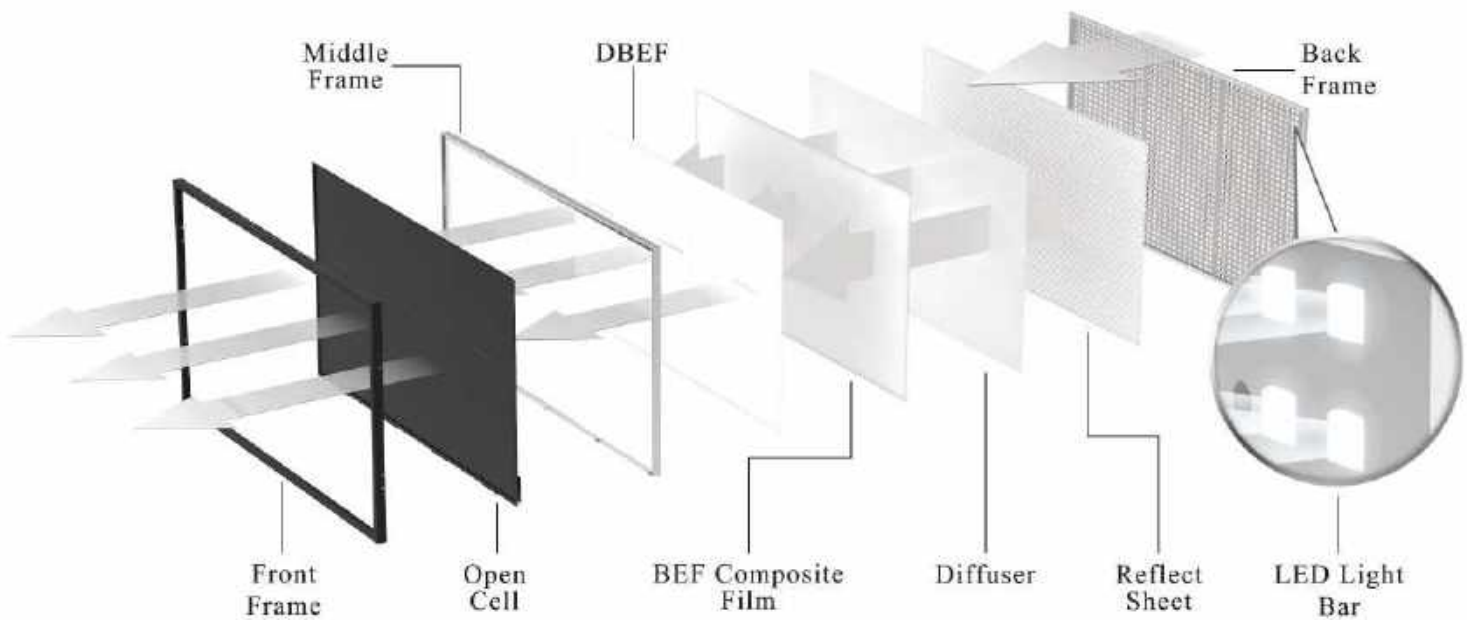
| Screen Size | Size (mm) | Weight | Aspect Ratio | Resolution | Contrast Ratio | Consumption (Typ) | Brightness (Typ)(nits) | Operating Temperature | Viewing Angle | Signal Type |
|-------------|------------------|---------|--------------|------------|----------------|-------------------|------------------------|-----------------------|----------------------------------|-------------|
| 10.1 inch | 228.5*149*4.45 | 0.28kg | 16:10 | 1280*800 | 1000:1 | 4.6W | 1000 | -20 - 70°C | 89/89/89/ 89(Min.) (CR≥10) | LVDS |
| 12.1 inch | 260.5*204*8.6 | 0.52kg | 4:3 | 1024*768 | 900:1 | 10.8W | 1000 | -20 - 70°C | | |
| 13.3 inch | 309.7*184.1*9.6 | 0.5kg | 16:9 | 1920*1080 | 800:1 | 15W | 1000 | -20 - 60°C | | |
| 15 inch | 327*254*12 | 0.835kg | 4:3 | 1024*768 | 700:1 | 10.8W | 1000 | -30 - 80°C | | |
| 15.6 inch | 364.8*216.4*9.8 | 1.097kg | 16:9 | 1920*1080 | 1000:1 | 16.8W | 1000 | -30 - 85°C | | |
| 17 inch | 358.5*296.5*18 | 1.35kg | 5:4 | 1280*1024 | 800:1 | 16w | 1000 | -30 - 85°C | | |
| 18.5 inch | 430.4*254.6*12 | 1.2kg | 16:9 | 1920*1080 | 1000:1 | 16.5W | 1000 | -20 - 70°C | | |
| 19 inch | 396 *324*11.2 | 1.8kg | 5:4 | 1280*1024 | 1000:1 | 18W | 1000 | -30 - 85°C | | |
| 21.5 inch | 495.6*292.4*10.5 | 1.8kg | 16:9 | 1920*1080 | 1000:1 | 28.22W | 1000 | -20 - 50°C | | |
| 23.6 inch | 545.3*321*11.5 | 2.415kg | 16:9 | 1920*1080 | 3000:1 | 47.88W | 1000 | -20 - 60°C | | |
| 23.8 inch | 544.8*320.5*11.5 | 2.5kg | 16:9 | 1920*1080 | 1000:1 | 34W | 1000 | 0 - 50°C | | |
| 27 inch | 630*368.2*13 | 2.18kg | 16:9 | 1920*1080 | 3000:1 | 46.65W | 1000 | 0 - 50°C | | |
| 32 inch | 731.1*425.7*13.9 | 6.6kg | 16:9 | 1920*1080 | 1100:1 | 85W | 1500 | 0 - 50°C | | |
| 43 inch | 973*561.2*13.9 | 9.5kg | 16:9 | 1920*1080 | 1100:1 | 110W | 1500 | 0 - 50°C | | |

DLED Backlight High Brightness LCD Panel

- ** High-strength aluminum shell
- ** Fast heat dissipation
- ** Direct backlight, Uniform brightness and Low power consumption.
- ** High brightness sunlight readable
- ** 50000 hours working life
- ** Landscape & Portrait
- ** Slim-body design



Application: Outdoor digital signage, Passenger information system, Public transit display, EV charging pile, Security monitor, Medical monitor, etc.



AD Board

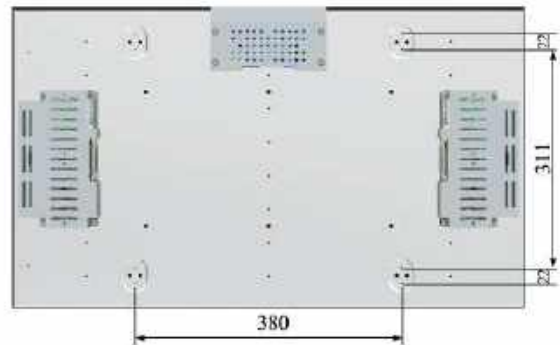
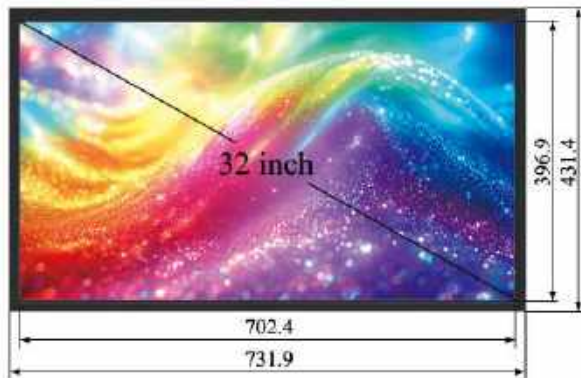


Android Motherboard



PC Board

DLED Backlight High Brightness LCD Panel



(size unit:mm)

Product Parameters

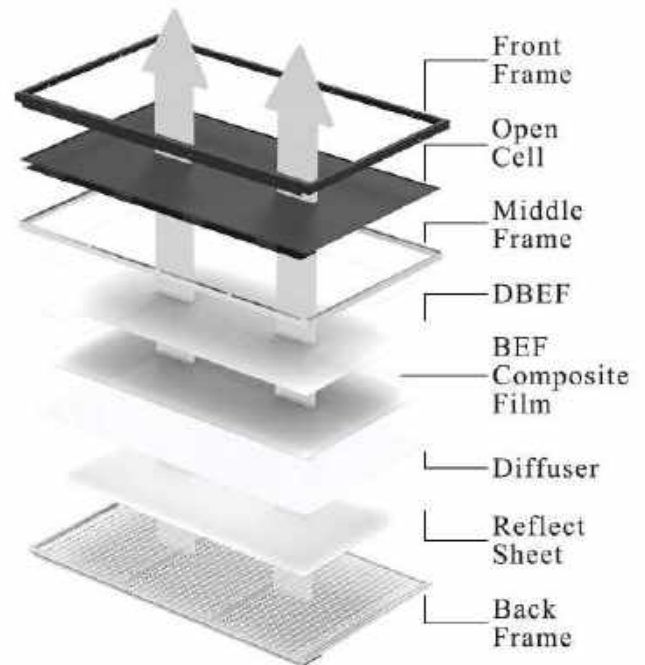
| Screen Size | 32 inch | 43 inch | 46 inch | 49 inch | 55 inch | 65 inch | 75 inch | 86 inch |
|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| H (mm) | 731.9 | 973.8 | 1050.6 | 1106.4 | 1242.1 | 1461 | 1684.7 | 1930 |
| V (mm) | 431.4 | 567 | 610.3 | 641.6 | 713 | 806.5 | 970.4 | 1111 |
| D (Typ) | 41 | 41 | 41 | 41 | 41 | 41 | 46 | 47 |
| D (Max) | 59.5 | 60.3 | 60.3 | 60.3 | 60.9 | 63 | 64.8 | 65.8 |
| Aspect Ratio | 16:9 | | | | | | | |
| Resolution | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 3840*2160/ 7680*4320 | 3840*2160/ 7680*4320 | 3840*2160/ 7680*4320 |
| Treatment | Antiglare | | | | | | | |
| Contrast Ratio | 1200:1 | | | | | | | |
| Viewing Angle | 89/89/89/89(Min.)(CR>10) | | | | | | | |
| Brightness(Typ) (nits) | 2000 | | | | | | | |
| Brightness (Max)(nits) | 4000 | 4000 | 4000 | 5000 | 4000 | 4000 | 3500 | 4000 |
| Operating Temperature | 0-50°C | | | | | | | |
| Signal Type | V-by-one/LVDS/EDP | | | | | | | |
| Consumption(MAX) | 200W | 260W | 390W | 315W | 270W | 860W | 620W | 1200W |

Thinner DLED Backlight High Brightness LCD Panel

- ** High-strength aluminum shell
- ** Fast heat dissipation
- ** Direct backlight, Uniform brightness and Low power consumption
- ** High brightness sunlight readable
- ** 50000 hours working life
- ** Landscape & Portrait
- ** Super slim-body design



Application: Outdoor digital signage, Passenger information system, Public transit display, EV charging pile, Security monitor, Medical monitor, etc.



AD Board



Android Motherboard



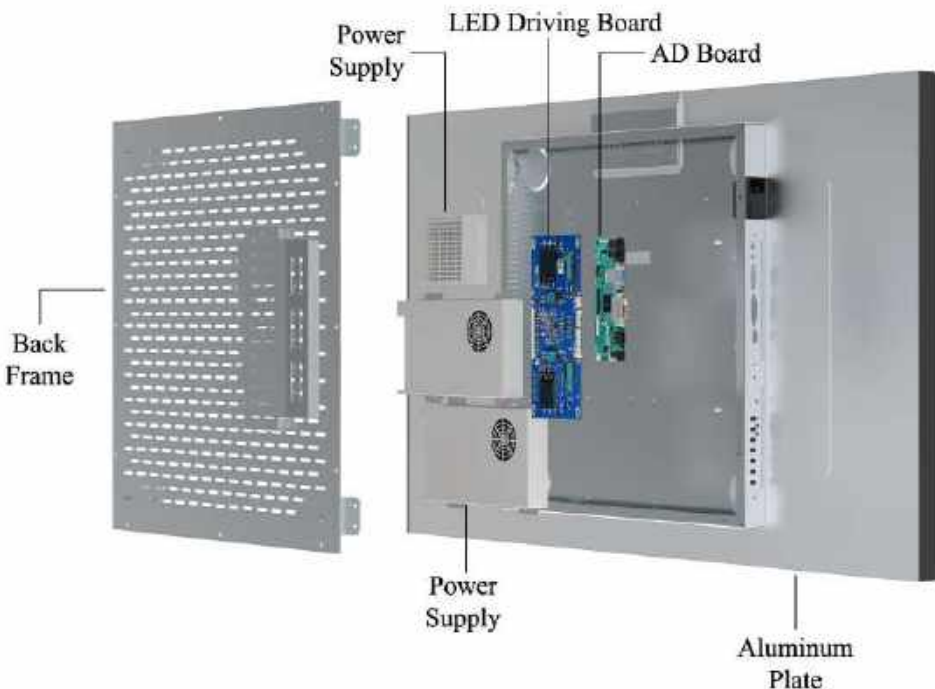
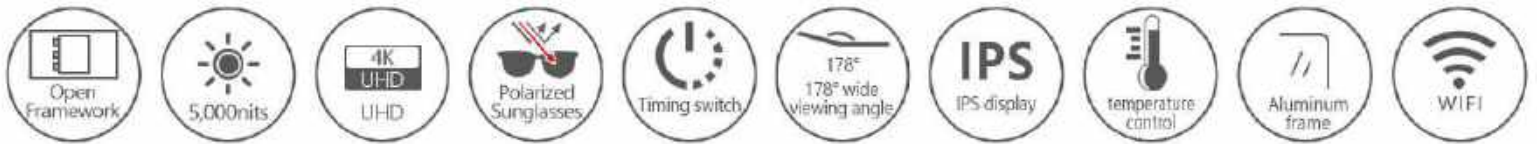
PC Board

High Brightness Open Frame Monitor

- ** High-strength aluminum shell
- ** Fast heat dissipation
- ** High brightness sunlight readable
- ** 50000 hours working life
- ** Landscape & Portrait
- ** Super slim-body design
- ** Easy to install
- ** Uniform brightness and Low power consumption



A High brightness open frame monitor is a type of display designed for use in environments with high ambient light. These monitors are typically used in industrial, commercial, and public applications where visibility is crucial, such as outdoor kiosks, digital signage, and transportation hubs.



PC Board



Android Motherboard



AD Board

Stretched Bar TFT LCD Module

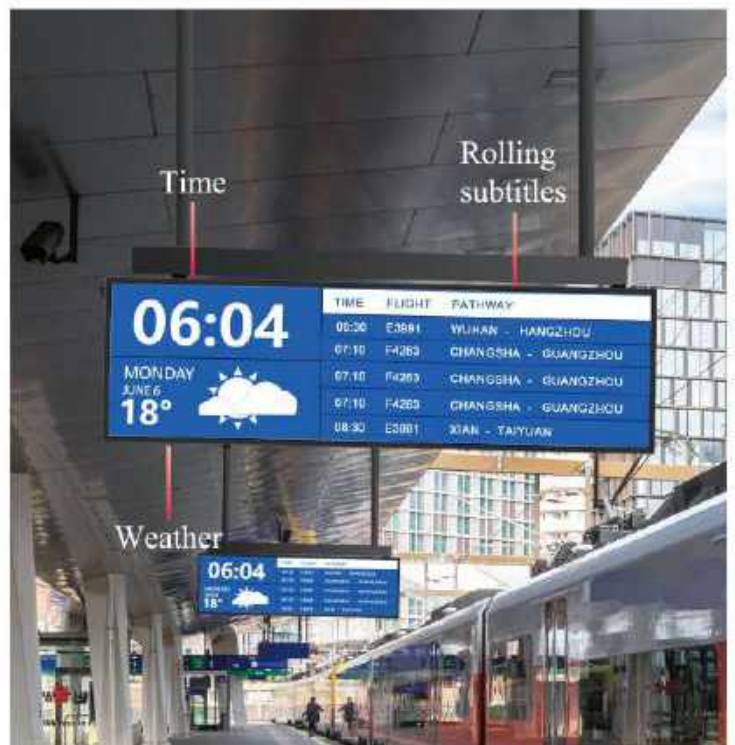
- ** Super-wide aspect ratios
- ** High-strength aluminum shell
- ** Fast heat dissipation
- ** Uniform brightness and Low power consumption
- ** High brightness sunlight readable
- ** 50000 hours working life
- ** Timing switch
- ** Slim-body design



RisingLCD high brightness stretch bar LCD display is with super-wide aspect ratios and with customized backlight, the brightness can achieve 5000nits, high brightness makes these screen can read even in the directly sunlight, ideal for passenger information display, transport timetables, traffic messages, announcements and other importants communications.

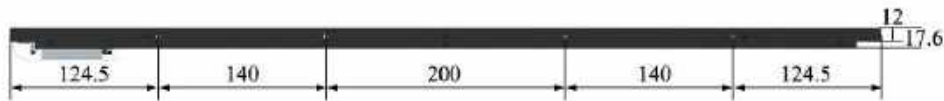
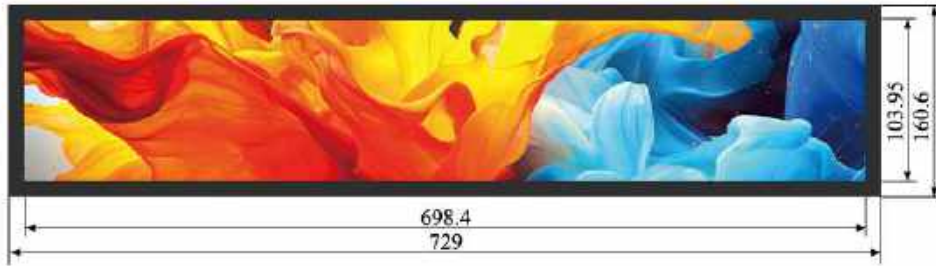


Retail Shop



Passenger Information System

Stretched Bar TFT LCD Module



(size unit:mm)

Product Parameters

| Diagonal Size (inch) | Size (H*V/mm) | Resolution | Brightness(nits) | View Angle |
|----------------------|----------------|------------|---|-------------|
| 28 | 729*160.6 | 1920*360 | 500-2000(ELED) Optional DLED for higher brightness | 89/89/89/89 |
| 28.6 | 722.2*220.23 | 1920*540 | | |
| 29 | 719*225 | 1920*540 | | |
| 29.4 | 722.2*285.7 | 1920*720 | | |
| 36.6 | 950*168.6 | 1920*290 | | |
| 37 | 935*284.6 | 1920*540 | | |
| 42 | 1059.4*283.52 | 1920*480 | | |
| 43 | 1104*231.6 | 1920*360 | | |
| 48.3 | 1232.4*229.4 | 1920*320 | | |
| 48.5 | 1458.6*431.6 | 1920*360 | | |
| 49.5 | 1237.8*368.4 | 1920*540 | | |
| 56.6 | 1451.28*182.76 | 3840*430 | | |
| 58.4 | 1456.28*492.56 | 3840*1080 | | |

High Brightness Window Facing Display

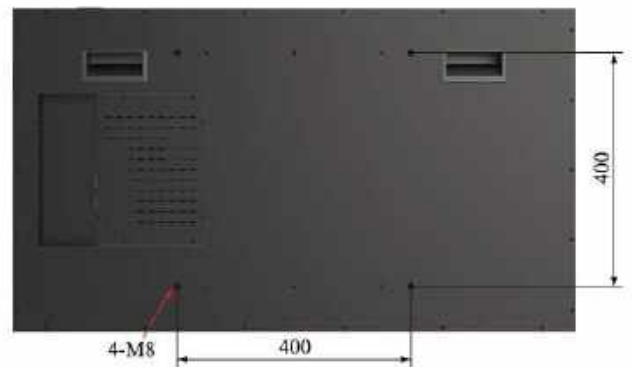
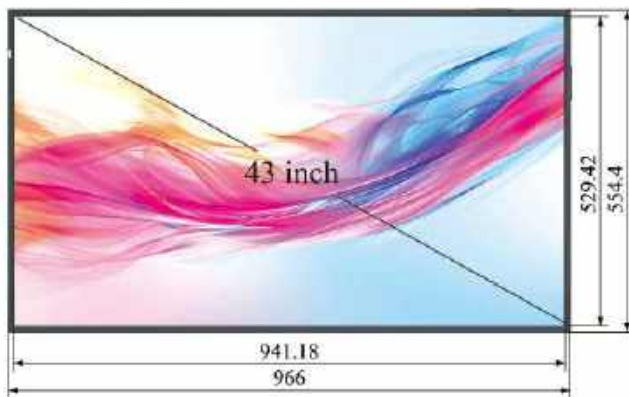
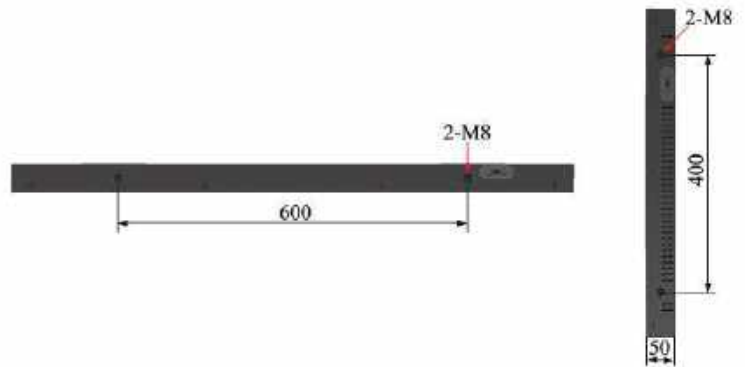
- ** A wide variety of sizes
- ** Brightness and Color guaranteed
- ** Intelligent thermal management
- ** Local dimming backlight (optional)
- ** Landscape & Portrait
- ** Auto brightness control
- ** Clean back design
- ** Low power consumption



Window facing display are widely used in large stores, retail stores, clubs, hotels, educational institutions and homes. The advertising content is effective and the update speed is fast.



High Brightness Window Facing Display



(size unit:mm)

Product Parameters

| | Size | 32 inch | 43 inch | 49 inch | 55 inch | 65 inch | 75 inch |
|---------------------|------------------------------------|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LCD Panel | Brand | RisingStar | | | | | |
| | Display Area (mm) | 698.4*392.9 | 941.18*529.42 | 1073.8*604 | 1209.6*680.4 | 1428.5*803.5 | 1649.7*928 |
| | Brightness (nits) | 2500 | | | | | |
| | Resolution | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 3840*2160/ 7680*4320 | 3840*2160/ 7680*4320 |
| | Aspect Ratio | 16:9 | | | | | |
| | Contrast Ratio | 1300/1 | | | | | |
| | Respond Time | 6/9 (Typ.)(Tr/Td) ms | | | | | |
| | View Angle | 89/89/89/89 (Min.)(CR>10) | | | | | |
| | Backlight | DLED Backlight | | | | | |
| | LifeTime | 50000H | | | | | |
| Control System | Intelligent Dimming | Support | | | | | |
| | Intelligent Temperature Control | Support | | | | | |
| | Remote Control Function | Support | | | | | |
| Electric Parameter | Input Voltage | AC110V/220V, 50/60HZ | | | | | |
| | Maximum Power | 130W/165W | 190W/280W | 160W/220W | 170W/410W | 540W(4K) | 600W(4K) |
| Shell | Shell Material | Metal Sheet / Aluminum Alloy | | | | | |
| | Products Size(mm) | 723.4*417.9*50 | 966*554.4*50 | 1098.8*629*50 | 1234.6*705.5*50 | 1453.5*828.5*50 | 1674.7*953*50 |
| Service Environment | Operating Environment | Semi - Outdoor | | | | | |
| | Operating Temperature and Humidity | 0-50°C/5%-95%RH | | | | | |
| Multimedia | Motherboard | Android / PC / Monitor | | | | | |
| | IO Interface | HDMI/VGA/DVI/USB/RJ45 | | | | | |

Outdoor IP65 Waterproof High Brightness LCD Display

Structure:

Slim and thin design, Fanless cooling system and Low noise, Waterproof, Dust-proof, Anti-corrosion, Impact-proof, Anti-ultraviolet, Maintenance free

Display:

High-definition, High-brightness, Intelligent photosensitive, Full viewing angle, Readable with the sunglasses

Electronics:

Lightning protection, Leakage protection, Intelligent timing, Intelligent temperature control system

Additional Configuration:

Support remote monitoring, Touch interaction



Applications:

Airports and Train stations, Advertising charging pile, Smart light pole LCD screen, Stores/Outdoor markets, Restaurants/Cafes, Highway/Road signs, Gyms, Shopping malls, etc.

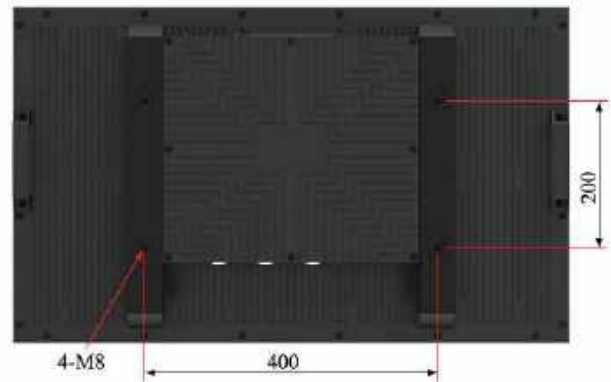
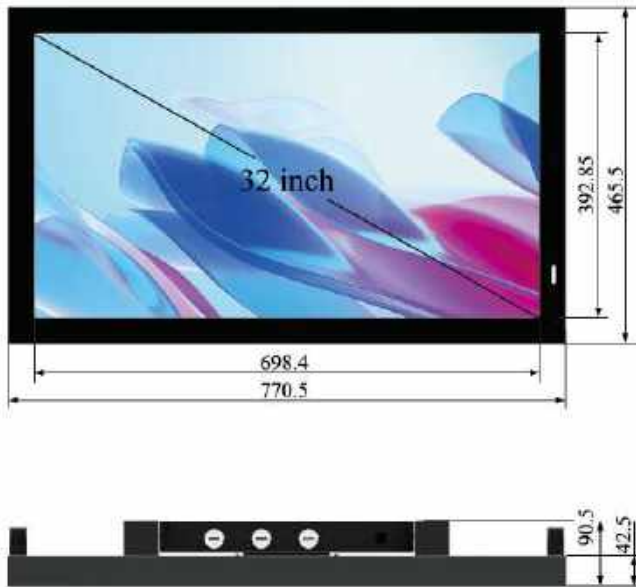


Wall Mounting



Outdoor Digital Signage

Outdoor IP65 Waterproof High Brightness LCD Display



(size unit:mm)

Product Parameters

| | Size | 32 inch | 43 inch | 46 inch | 49 inch | 55 inch | 65 inch | |
|-----------------------|------------------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|----------------|--------------|
| Display | Brand | RisingStar | | | | | | |
| | Display Area (mm) | 698.4*392.85 | 940.9* 529.26 | 1018.08*572.67 | 1073.78*604 | 1209.6*680.4 | 1428.48*803.52 | |
| | Brightness (nits) | 1000 to 3000 | | | | 1000 to 4000 | | 1000 to 3000 |
| | Resolution | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 1920*1080/ 3840*2160 | 3840*2160 | |
| | Aspect Ratio | 16:9 | | | | | | |
| | Contrast Ratio | 1300/1 | | | | | | |
| | Respond Time | 6/9 (Typ.)(Tr/Td) ms | | | | | | |
| | View Angle | 89/89/89/89 (Min.)(CR>10) | | | | | | |
| | Backlight | DLED Backlight | | | | | | |
| | Life Time | 50000H | | | | | | |
| Control System | Smart Dimming | Support | | | | | | |
| | Intelligent Temperature Control | Support | | | | | | |
| | Remote Control Function | Support | | | | | | |
| AV Input | Video | HDMI, VGA | | | | | | |
| Electric Parameter | Input Voltage | AC110V/220V, 50/60HZ | | | | | | |
| Product | Shell Material | Sheet Metal | | | | | | |
| | Products Size(mm) | 770.5*465.5*90.5 | 1014*602*98.5 | 1092*646.5*89 | 1153*684*100 | 1282.6* 753.4*98.5 | 1511*886*97.5 | |
| | Shell Anti-Corrosion Process | Use galvanized sheet + surface spray with special outdoor powder (outdoor anti-corrosion for more than 7 years). | | | | | | |
| Protection Glass | Thickness | 3+0.76+3mm tempered glass | | | | | | |
| Accessories | Included | AC Power Cable, Remote Control, Wall Mount | | | | | | |
| Operating Environment | IP Rating | Outdoor IP65 | | | | | | |
| | Operating Temperature and Humidity | -20-50°C/5%-95%RH | | | | | | |
| Multimedia | IO Interface | HDMI/VGA/DVI | | | | | | |
| Option | Mainboard | Android /PC /Monitor | | | | | | |
| | Network Transmission | Standalone Mode, WIFI, 4G | | | | | | |
| | Touch | Capacitive touch | | | | | | |

Outdoor Portable Battery-Powered Digital Signage Display

- ** Portable IP55 rated weatherproof
- ** 8 hours running time
- ** Full HD 2500 nits
- ** Rugged castors for easy transport
- ** Stylish robust enclosure
- ** Secure locking bar
- ** Available size 43 inch, 55 inch



Wire-free outdoor digital signage, take your digital signage where it needs to be, it is ideally suited for hotels, conferences, sports centres and retail stores that need dynamic signage that can be changed rapidly to keep up with events. These free standing displays are fully portable outdoor solution and can be easily moved by one person as they feature fixed castors.



Outdoor Portable Battery-Powered Digital Signage Display



(size unit:mm)

Product Parameters

| | |
|---------------------------|--|
| Description | Outdoor Portable Battery-Powered Digital Signage Display |
| Material | Metal Frame |
| Color | Black |
| Panel Type | 43 inch LCD screen (55 inch also is available) |
| Active Area (H*V/ mm) | 940.896*529.254 |
| Resolution | 1920*1080 |
| Contrast Ratio | 1200:1 |
| Battery | 24V/56Ah, about 8 working hours |
| Operation System | Android or Windows |
| IP Rating | IP55 |
| Brightness | 2500 nits (Automatically dimming according to circumstance's brightness) |
| Interface | 2*USB, 1* RJ45, 1*HDMI, Wi-Fi |
| Video Types | MPEG1, MPEG2, MPEG4, H.264, WMV, MKV, TS |
| Audio Types | MP3, WMA, WAV, APE, FLAC, AAC |
| Image Types | JPE, JPEG, BMP, PNG, GIF |
| Internal Storage Capacity | 2GB, DDR3, 16GB EMMC 5.0 |
| Input Voltage | 100-240V/AC (50/60Hz) |
| Power Consumption | 180W |
| Temperature | 0-45 °C |
| Humidity | 10-80%RH. |



Shenzhen RisingStar Outdoor High Light LCD Co.,Ltd

Tel: +86-19811970667

Whatsapp: +86-19811970667

Email: cathy@risinglcd.com

Website: www.risinglcd.com
www.risingstarlcd.com

Address: 10 Floor, Building H, Chuangxinyungu Industrial Park, Gongming Street,
Guangming District, ShenZhen, China.