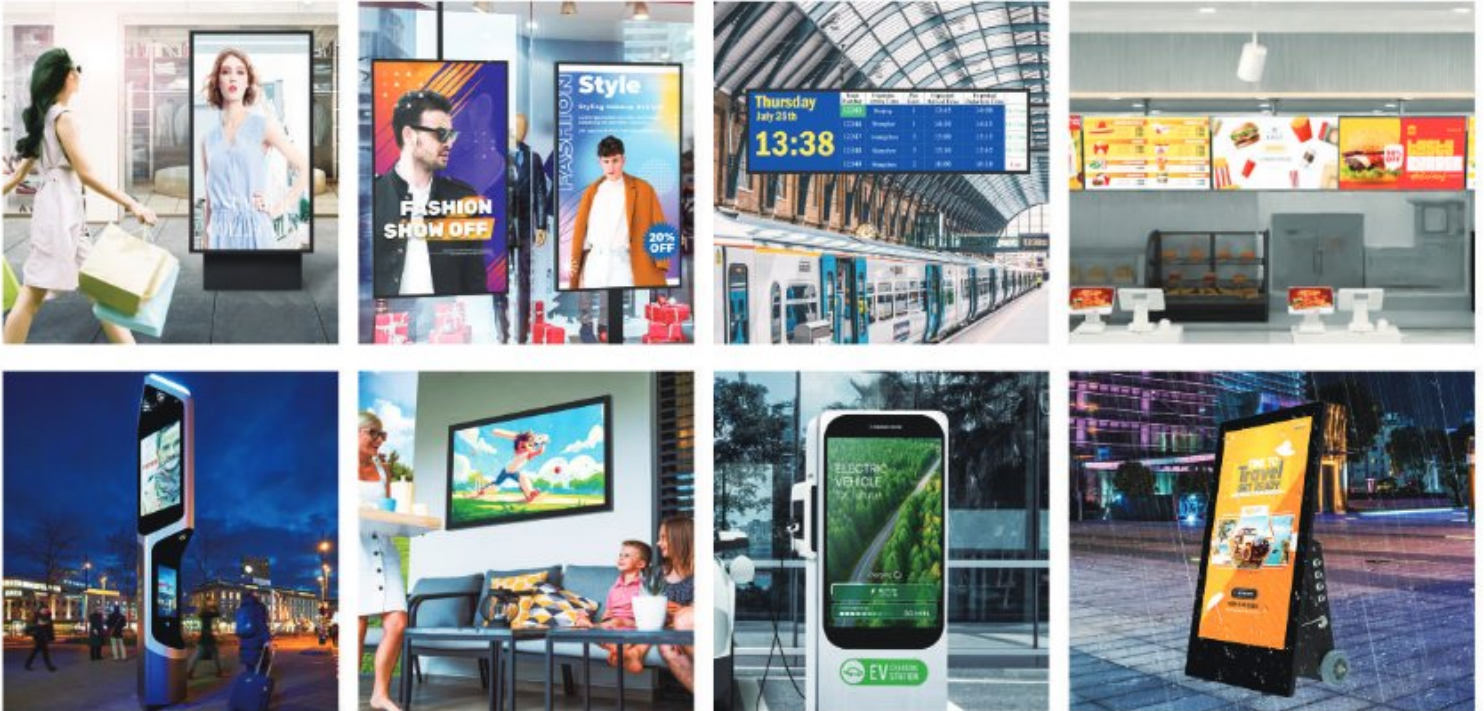




Shenzhen RisingStar Outdoor High Light LCD Co.,Ltd

- 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

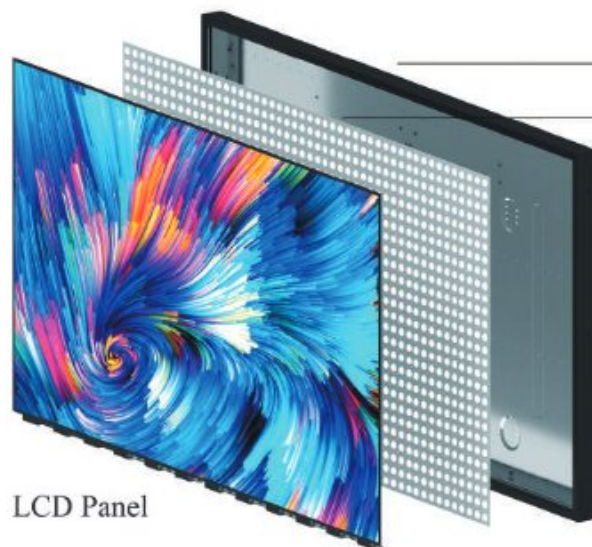


Mini-LED Backlight High Brightness LCD Panel

- ** 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



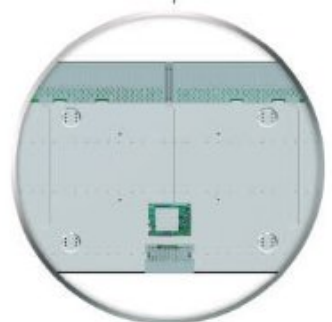
Application: Outdoor digital signage, Passenger information system, Public transit display, EV charging pile, 3D display, Medical monitor, etc.



LCD Panel



Mini LED Light



Back Frame



Mini LED driver

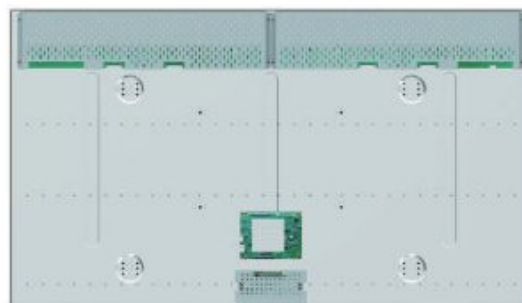


Algorithm board



T-Con board

Mini-LED Backlight High Brightness LCD Panel



(size unit:mm)

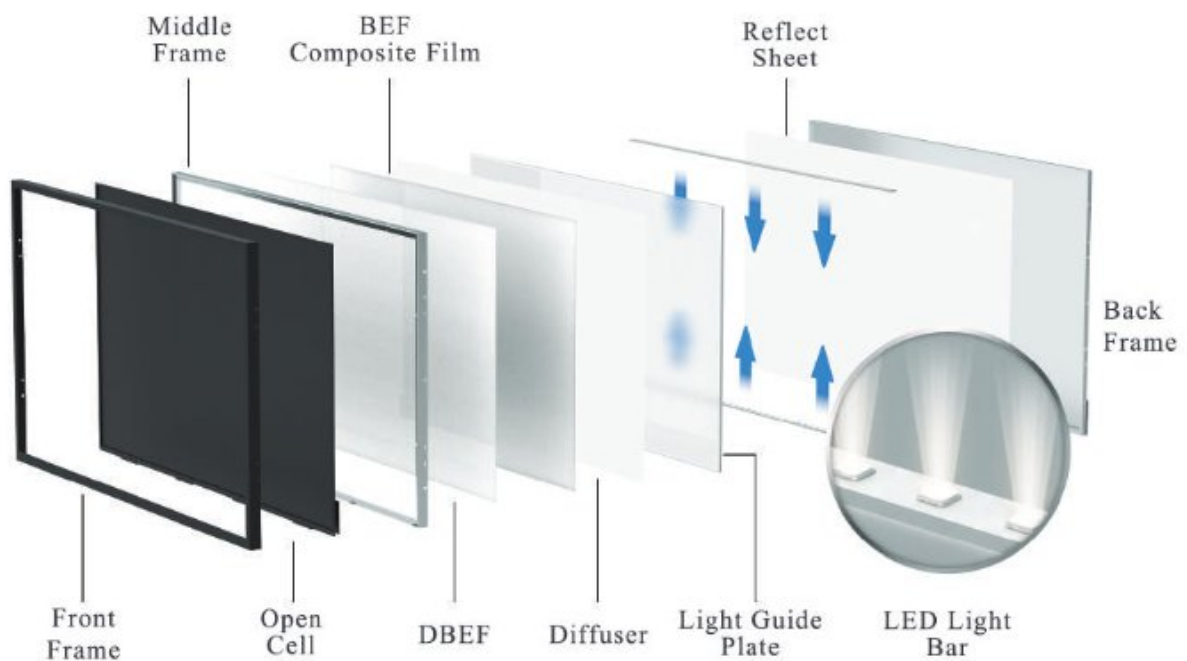
Product Parameters

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

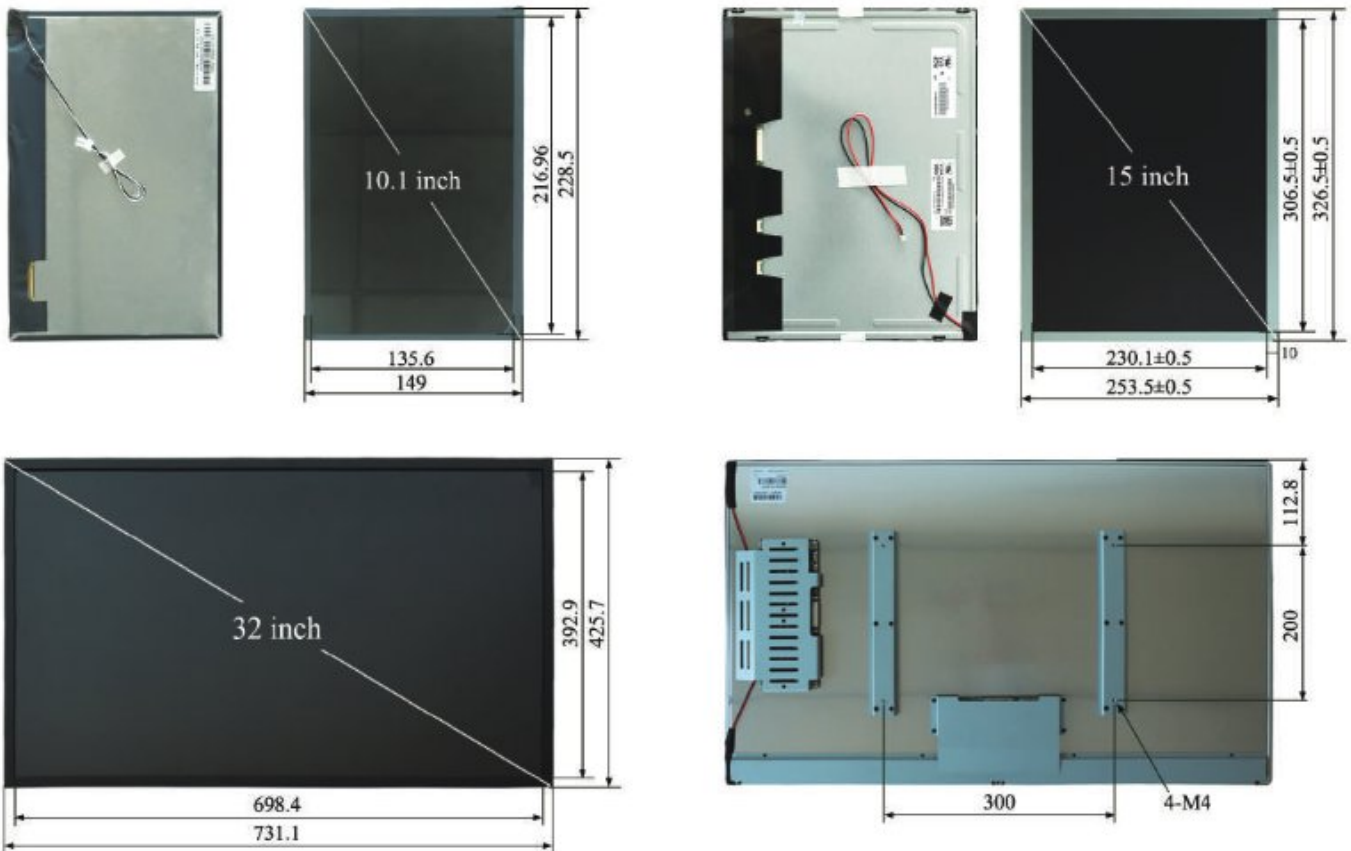


AD Board



Android Motherboard

ELED Backlight High Brightness LCD Panel



(size unit:mm)

Product Parameters

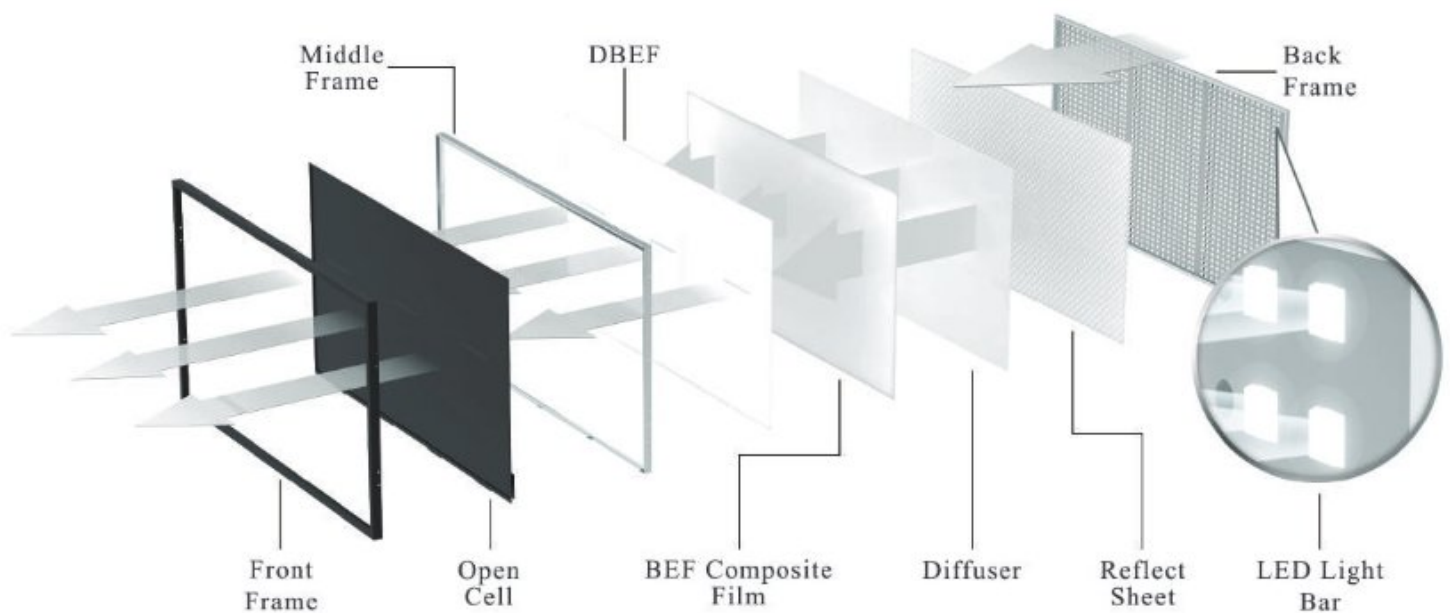
Screen Size	Size (mm)	Weight	Aspect Ratio	Resolution	Contrast Ratio	Consumption (Typ)	Brightness (Typ)(nits)	Operating Temperature	Viewing Angle	Signal Type
10.1 inch	228.5*149*4.45	0.28kg	16:10	1280*800	1000:1	4.6W	1000	-20 - 70°C	89/89/89/ 89(Min.) (CR≥10)	LVDS
12.1 inch	260.5*204*8.6	0.52kg	4:3	1024*768	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

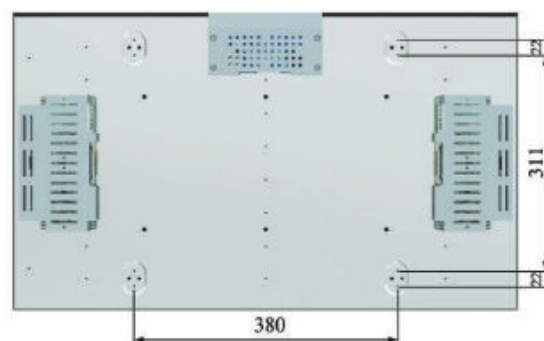
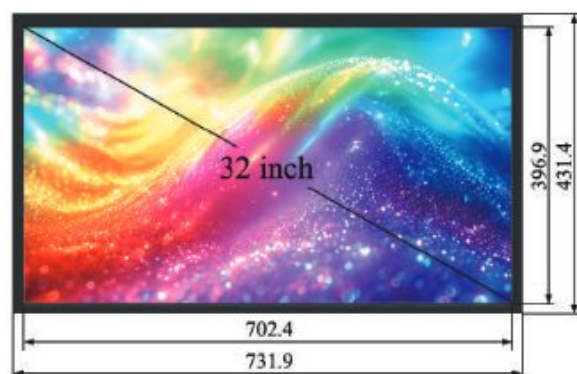


Android Motherboard



PC Board

DLED Backlight High Brightness LCD Panel



(size unit:mm)

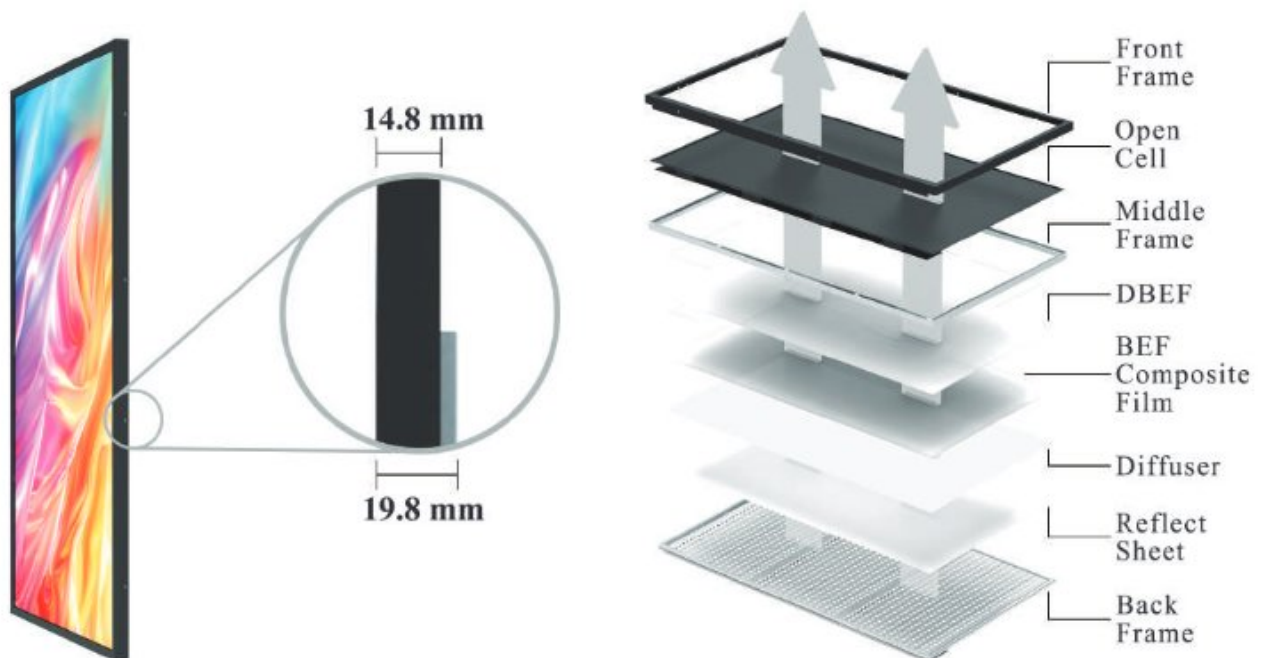
Product Parameters

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	3840*2160	3840*2160
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



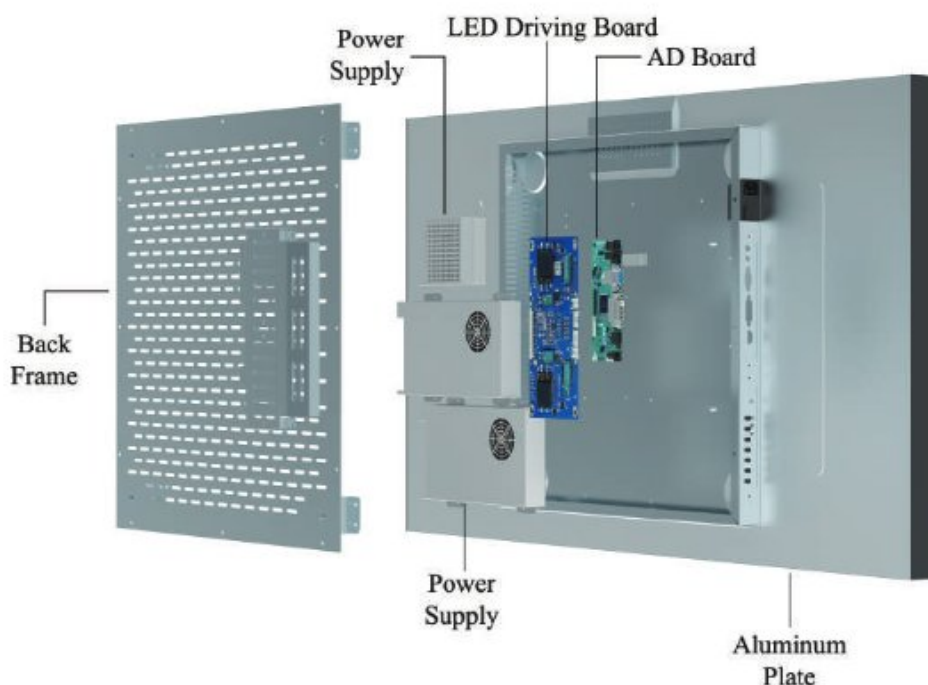
PC Board

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

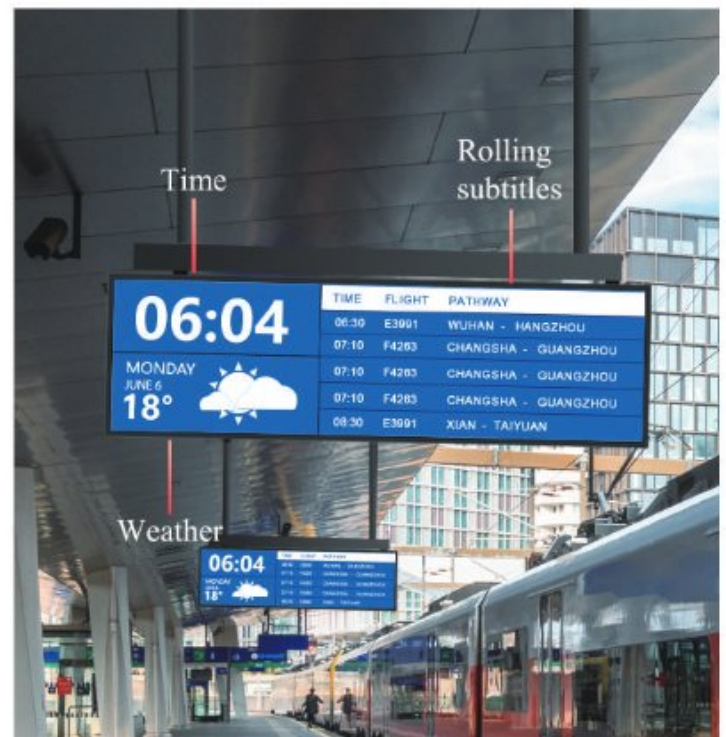
- ** Super-wide aspect ratios
- ** High-strength aluminum shell
- ** Fast heat dissipation
- ** Uniform brightness and Low power consumption
- ** High brightness sunlight readable
- ** 50000 hours working life
- ** Timing switch
- ** Slim-body design



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.

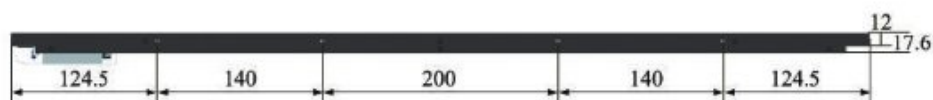


Retail Shop



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	951.3*170.8	1920*290		
37	918.32*268.3	1920*540		
42	1059.4*283.52	1920*480		
43	1112.3*228.5	1920*360		
48.3	1232.4*229.4	1920*320		
48.5	1232.4*249	1920*360		
49.5	1232.4*363	1920*540		
56.6	1451.28*182.76	3840*430		
58.4	1456.28*492.56	3840*1080		

High Brightness Window Facing Display

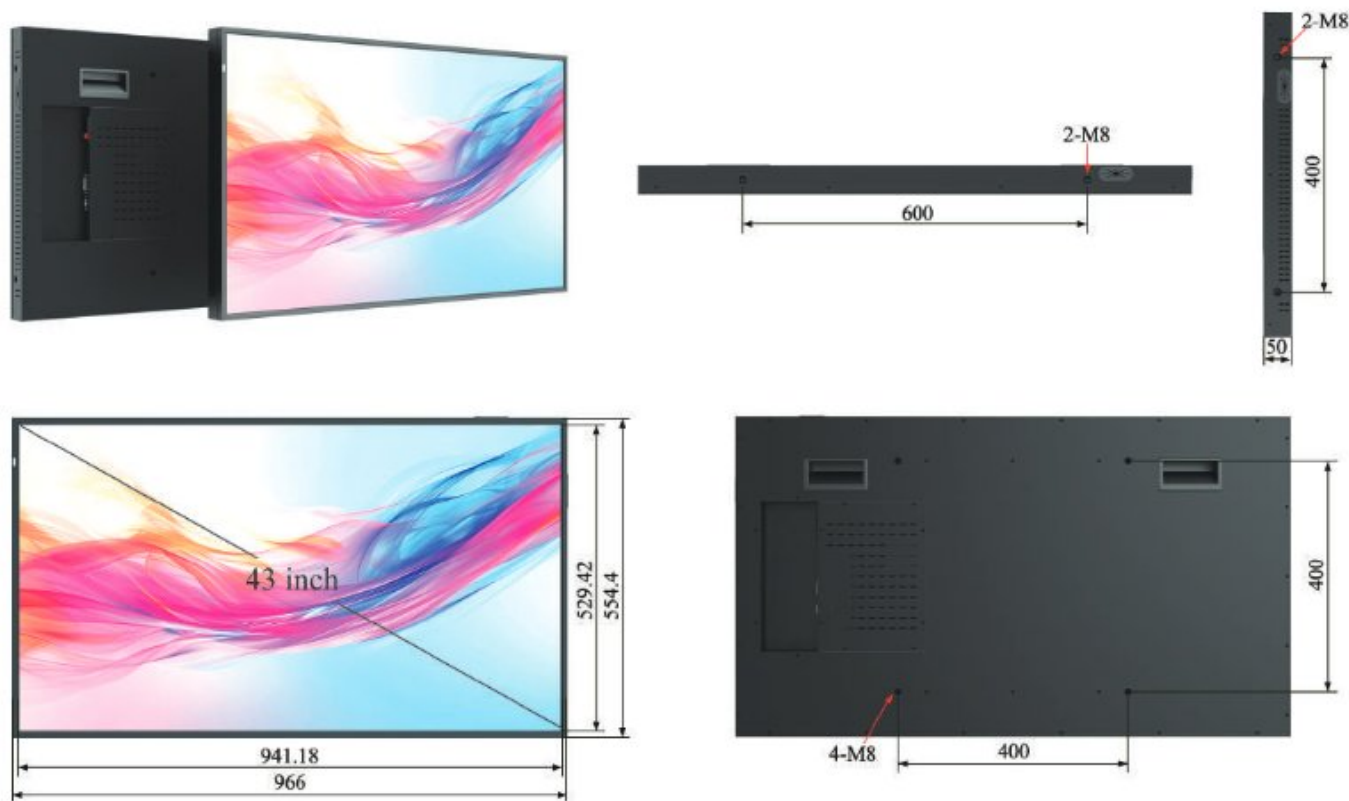
- ** A wide variety of sizes
- ** Brightness and Color guaranteed
- ** Intelligent thermal management
- ** Local dimming backlight (optional)
- ** Landscape & Portrait
- ** Auto brightness control
- ** Clean back design
- ** Low power consumption



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	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					
	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

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.

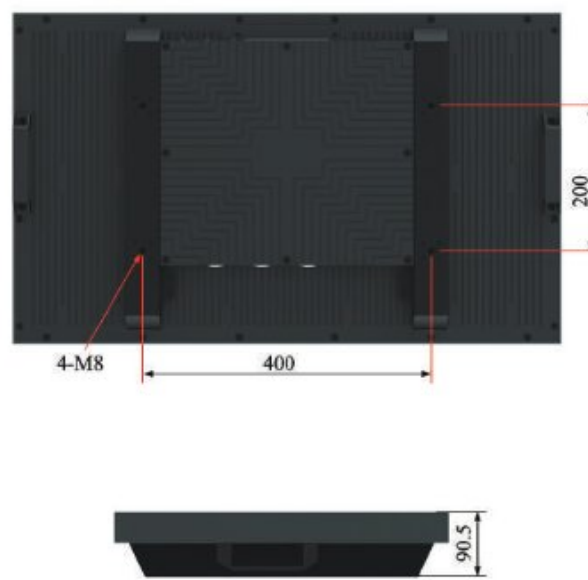
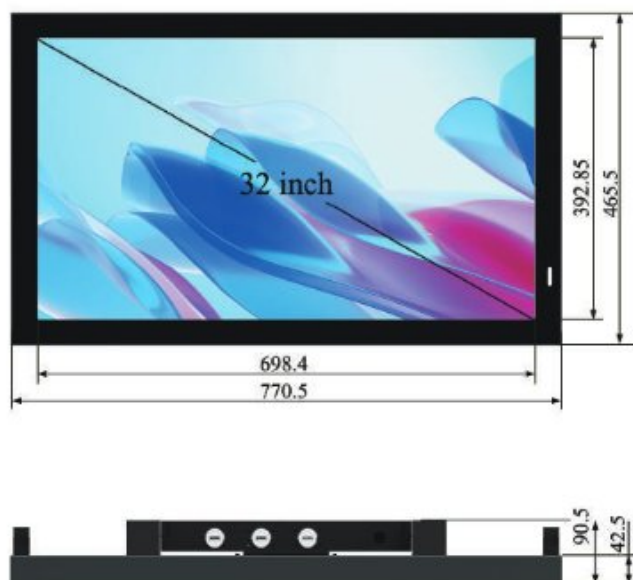


Wall Mounting



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.



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