



OUTDOOR QLED DISPLAYS

TREND QLED outdoor LCD displays are advanced, high-quality screens designed specifically for outdoor use, combining the benefits of Quantum Dot technology with the durability required for harsh environments. The TREND outdoor LCD QLED technology enhances the display's color accuracy, brightness, and contrast, ensuring vibrant and sharp visuals even in direct sunlight. These displays are built with weather-resistant features, such as UV protection, water resistance, and enhanced brightness levels, making them ideal for outdoor advertising, public information displays, and other outdoor installations where visibility and durability are critical.



QLED Technique
105% Color Gamut



High Brightness
4000 Nits



Weatherproof IP67
Level Protection



Maintenance
Free



Vandal-proof IK10
Level Protection



Anti-reflective
Glass



Fanless & Filterless
Design



Long Life
Time



Exceptional Visibility in Sunlight

With an impressive brightness of up to 4000 nits, TREND Outdoor Displays ensure excellent visibility even in direct sunlight, delivering clear and captivating content to viewers, regardless of their location.

Optical Bonding Technology & Glare Reduction

TREND outdoor LCD displays feature full lamination with anti-reflection glass, eliminating the air gap between the LCD panel and tempered glass. This enhances brightness, reduces reflections, and delivers a high contrast ratio with a wide 178°/178° viewing angle, ensuring richer and clearer images even in direct sunlight

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Optimized Viewing with Polarized Sunglasses

Provides exceptional clarity and visibility, even when viewed through polarized sunglasses, ensuring a seamless and glare-free viewing experience in bright outdoor environments



Smart BrightnessControl

Reducing operating expenses and power consumption is a crucial factor when using TREND Outdoor Displays in outdoor environments. Equipped with a built-in auto-brightness sensor, the display intelligently adjusts its brightness at night to minimize light pollution and enhance its lifespan. Additionally, the total cost of ownership remains a key consideration for users, ensuring long-term efficiency and sustainability

Wide Temperature Range

A robust wide-temperature design integrated into the LCD panel, motherboards, and aluminum + stainless steel enclosure enables TREND outdoor displays to operate seamlessly 24/7/365, ensuring reliable performance in both extreme hot and cold weather conditions.





No Blacken

Even when exposed to direct sunlight, the TREND display remains resistant to blackening, maintaining optimal performance at temperatures up to 230°F (110°C).

Weatherproof IP67 Level Protection

TREND Outdoor Displays feature a robust IP67-rated enclosure, ensuring complete protection against water, dust, and harsh weather conditions. Engineered for durability, these displays withstand the damaging effects of sun exposure, heavy rain, snow, and strong winds, making them ideal for reliable outdoor performance in any environment.



IK10 Safety Glass

Protected by IK10-rated impact-resistant tempered glass, the screen is highly durable, offering strong resistance against vandalism and external debris, ensuring long-lasting performance in demanding environments

Application



Specification

Panel Info	Panel Size	32 inch	43 inch	55 inch	65 inch	75 inch	86 inch
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160
	Brightness	4000 Nits	4000 Nits	4000 Nits	4000 Nits	4000 Nits	4000 Nits
	Active Area (mm)	698.4 x 392.85	941.184× 529.416	1209.6 x 680.4	1428.48× 803.52	1649.66 x 927.936	1895.04x 1066.5
	Viewing Angle	178/178	178/178	178/178	178/178	178/178	178/178
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Display Colors	1.07B, 105%	1.07B, 105%	1.07B, 105%	1.07B, 105%	1.07B, 105%	1.07B, 105%
	LED Life Time	≧ 50,000 hours	≧ 50,000 hours	≧ 50,000 hours	≧ 50,000 hours	≧ 50,000 hours	≧ 50,000 hours
	Blackening Defect Free	Up to 110℃	Up to 110℃	Up to 110℃	Up to 110℃	Up to 110℃	Up to 110℃
	Orientation	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
	Brightness Control	Sensor Built-in	Sensor Built-in	Sensor Built-in	Sensor Built-in	Sensor Built-in	Sensor Built-in
Mechanical	Bezel Width (T/B/L/R)	26.7/26.7/27.8/27.8	26.7/26.7/27.8/27.8	29.5/29.5/28.5/28.5 mm	29.5/29.5/28.5/28.5 mm	29.5/29.5/28.5/28.5 mm	29.5/29.5/28.5/28.5 mm
	Overall Dimensions	750*450*126 mm	1001*586*125.5mm	1268*737*125.5mm	1487*861*140.5 mm	1708*982*130mm	1952*1124*135mm
	Net Weight (Display Only)	25KG	36 KG	60KG	90KG	120KG	150KG
Connectivity	Operating System	Android 7.1			Windows 10		
	CPU	RK3288			i5 / i7		
	ROM	2G / 4G			8G		
	RAM	16G / 32G			256G SSD		
	Network	WIFI/RJ45					
	Ports	USB*2, HDMI OUT*1, RJ45*1, POWER PORT*1					
Special Features	Tempered Glass	Anti-Reflective Glass with IK10 Impact-resistant					
	Process	Optical Bonded					
	Weatherproof Design	IP67					

	Cooling System	Fanless + Fliterless
	Operating Temperature	-30°C ~ 55°C
Power	Power Supply	AC 110~240V
	Rated Frequency	50/60Hz



Stepwell Smart Solutions (SSS) is the creator of TREND interactive technology that helps the world interact and share content. The company's products are utilized by organizations of all sizes, with multiple users across Globe. For more information on Stepwell please visit www.stepwellsmartolutions.com