



# 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





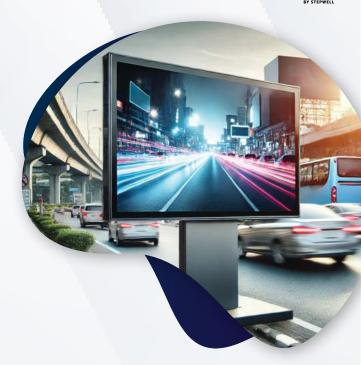
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#### **Optimized Viewing with Polarized Sunglasses**

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 Size	32 inch	43 inch	55 inch	65 inch		75 inch	86 inch	
Panel Info	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	29.5/29.5/2 8.5/28.5 mm	29.5/29.5/2 8.5/28.5 mm		29.5/29.5/28. 5/28.5 mm	29.5/29.5/28 .5/28.5 mm	
	Overall	750*450*126	1001*586*12	1268*737*1	1487*861*1		1708*982*13	1952*1124*	
	Dimensions	mm	5.5mm	25.5mm	40.5 mm		0mm	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							
	Weatherproo f Design	IP67							



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











