



TLVISION



12mm Outdoor LED Large Screen System

Large screen digital displays keep getting better and better as pixel pitches get smaller and smaller. The Trans-Lux TL Vision 12mm LED large screen system delivers the perfect balance of both: 12 mm resolution that rivals flat panel display quality, an accurate palette of 281 trillion colors and extreme value that allows you to purchase more resolution per square foot than previously available. An engaging new concept in LED large screen solutions from Trans-Lux.

Everything looks bigger and better when viewed on a TL Vision 12mm LED large screen system. It's the perfect pitch for outdoor digital display applications that want the best in performance and value. So whether your content includes instant replays or selling hot dogs and beer, our 12mm LED system will engage your audience.



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12mm Outdoor LED Large Screen System Specifications

Module Parameters	TL-MC-OV12	TL-CR-OV12	TL-OV12	TL-O12
Pitch(mm)	12.0			
Pixel Configuration	SMD 3 in 1			
LED Type	SMD 3535 Black			
Module Dimensions(mm)(HxW)	192*192			
Module Resolution(HxW)	16*16			
Cabinet Parameters				
Pixel Density(pixel/m ²)	6944			
Cabinet Configuration(HxW)	3*3, 6*6			
Cabinet Dimensions(mm)(HxW)	576*576, 1152*1152			
Cabinet Material	Aluminum			
Cabinet Resolution(HxW)	48*48, 96*96			
Cabinet Area(m ²)	0.331/1.33			
Weight(KG/m ²)	39			55
IP Rating (Front/Rear)	IP65/54			
Opto Parameters				
Max White Balance Brightness(Nits)	7000			6500
Viewing Angle(H/V)	160°/140°			140°/140°
Pixel Level Brightness Calibration	Yes			
Pixel Level Color Calibration	Yes			
Contrast	6000:1			
Brightness Control Mode	Manual/Auto/Programmable			
System Parameters				
Max Power Consumption(W/m ²)	1045	815		770
Average Power Consumption(W/m ²)	366	285		270
Power Supply	AC120/208±10%,47~63Hz			
Typical Lifetime(hours)	100,000			
Working Temperature(°C)	-20 – +50			
Working Humidity(%RH)	10 – 90			
Serviceability	Rear			
Certificate	CCC CE UL			
Image Processing				
Frame Rate(Hz)	60			
Refresh Rate(Hz)	≥3840			1920
Driving Method	1/2 dynamic scan			

Specifications are subject to change without notice.



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