



TLVISION



16mm Outdoor LED Large Screen System

It's the sweet 16mm LED large screen system you've been looking for. It produces vivid, color rich images in virtually any lighting condition from wide viewing angles. From even modest distances, viewers will get the feeling they are watching TV in their homes. Configure it the way you want it – in virtually any shape or size – and see your content come alive like never before. And the Trans-Lux TL Vision 16mm LED large screen system's incredible value makes it even more engaging.

A TL Vision 16mm LED outdoor display system will make your content stand out from the crowd. Its brilliance, exceptional clarity and accurate palette of 281 trillion colors shine through day and night. And you can customize it to virtually any size and shape to make the most of your display location. Engage more viewers outdoors with our 16mm LED solution.



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16mm Outdoor LED Large Screen System Specifications

Module Parameters	TL-MC-OV16	TL-CR-OV16	TL-OV16	TL-O16
Pitch(mm)	16.0			
Pixel Configuration	SMD 3 in 1			
LED Type	SMD 3535 Black			
Module Dimensions(mm)(HxW)	288*288			
Module Resolution(HxW)	18*18			
Cabinet Parameters				
Pixel Density(pixel/m ²)	3906			
Cabinet Configuration(HxW)	2*2, 4*4			2*2, 4*3
Cabinet Dimensions(mm)(HxW)	576*576, 1152*1152			576*576, 1152*864
Cabinet Material	Aluminum			
Cabinet Resolution(HxW)	36*36, 72*72			36*36, 72*54
Cabinet Area(m ²)	0.332/1.327		0.331/1.327	0.331/0.995
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	Static			

Specifications are subject to change without notice.



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 New York, NY 10022
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16mm Outdoor LED Large Screen System Specifications

Module Parameters	TL-MC-OVD16	TL-CR-OVD16	TL-OVD16	TL-OD16
Pitch(mm)	16.0			
Pixel Configuration	Oval 346			
LED Type	1R1G1B			
Module Dimensions(mm)(HxW)	320*320			
Module Resolution(HxW)	20*20			
Cabinet Parameters				
Pixel Density(pixel/m ²)	3906			
Cabinet Configuration(HxW)	3*4			4*3
Cabinet Dimensions(mm)(HxW)	960*1280			1280*960
Cabinet Material	Aluminum			
Cabinet Resolution(HxW)	60*80			80*60
Cabinet Area(m ²)	1.23			
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)	120°/70°			
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)	575	535	660	
Average Power Consumption(W/m ²)	201	187	231	
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	Static			

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