



TLVISION



10mm Outdoor LED Large Screen System

If its high resolution color images you're looking for, the TL Vision 10mm LED large screen system features a palette of over 281 trillion colors. Combine that with the unmistakable resolution of Trans-Lux's 10mm LED technology to produce crystal clear images in virtually any lighting condition. And with the ability to configure our 10mm solution in virtually any shape and size, you're viewing audience will not only engage your content – they'll embrace it.

The TL Vision 10mm LED large screen system will not only capture viewers' attention – it will move them to react and take action. Its 10mm LED pitch delivers image quality that rivals flat panel displays with exceptional color reproduction and brightness. And with the ability to shape our 10mm LED displays to just about any size or shape, you can place them in high traffic areas to achieve the highest exposure. Its outdoor digital display performance and versatility that's simply more engaging.



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10mm Outdoor LED Large Screen System Specifications

Module Parameters	TL-MC-OV10	TL-CR-OV10	TL-OV10	TL-O10
Pitch(mm)	10.0			
Pixel Configuration	SMD 3 in 1			
LED Type	SMD 3535 Black			
Module Dimensions(mm)(HxW)	320*320			
Module Resolution(HxW)	32*32			
Cabinet Parameters				
Pixel Density(pixel/m ²)	10000			
Cabinet Configuration(HxW)	2*2, 3*4			2*2, 4*3
Cabinet Dimensions(mm)(HxW)	640*640, 960*1280			640*640, 1280*960
Cabinet Material	Aluminum			
Cabinet Resolution(HxW)	64*64, 96*128			64*64, 128*96
Cabinet Area(m ²)	0.409/1.23			
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)	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	1/3 dynamic scan			

Specifications are subject to change without notice.



Trans-Lux Corporation
 445 Park Avenue, Suite 2001
 New York, NY 10022
 888.421.0357 • trans-lux.com



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10mm Outdoor LED Large Screen System Specifications

Module Parameters	TL-MC-OVD10	TL-CR-OVD10	TL-OVD10	TL-OD10
Pitch(mm)	10.0			
Pixel Configuration	Oval 346			
LED Type	1R1G1B			
Module Dimensions(mm)(HxW)	160*320, 160*160		160*320	
Module Resolution(HxW)	16*32, 16*16		16*32	
Cabinet Parameters				
Pixel Density(pixel/m ²)	10000			
Cabinet Configuration(HxW)	6*4, 6*8		6*4	8*3
Cabinet Dimensions(mm)(HxW)	960*1280			1280*960
Cabinet Material	Aluminum			
Cabinet Resolution(HxW)	96*128			96*128
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	1/4 dynamic scan			

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