



TLVISION



10mm Outdoor LED Large Screen System (TL-OV10S)

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.

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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 display 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.

Specifications

Lamp

LED Type	SMD 3-in-1
Wavelength	R: 620 nm / G: 524 nm / B: 468 nm
Intensity	R: 555 mcd / G: 1200 mcd / B: 265 mcd

Board

Pixel configuration	1R/1G/1B
Pixel pitch	10 mm
LED drive method	1/4 dynamic scan
Board resolution	32 x 16 (W x H)
Board size	320 mm x 160 mm x 20 mm (W x H x D) 12.6" x 6.3" x 0.79" (W x H x D)

Display

Viewing angle (H / V)	140° / 140°
Brightness	≥4500 cd / m ²
Pixel density	10000 / m ²
Max. power consumption	851 (W / m ²)
Avg. power consumption	297 (W / m ²)
Max. current @ 220V, 60Hz	4.09 (Amps / m ²)
Power factor	>0.95
Operating temp. / humidity	-20°C to +65°C / 10% to 95%
Storage temp. / humidity	-30°C to +70°C / 10% to 95%
Processing	16 bit
Scan rate	4200Hz
Refresh rate	260 Hz
Frame rate	60 fps
Dimming levels	Manual - 100 levels, automatic - 16 levels
Certifications	ETL & CE pending

Module

Cabinet concept number	MP10-C001	MP10-C003
LED board array	2 x 6 (W x H)	4 x 6 (W x H)
Module resolution	64 x 96 (W x H)	128 x 96 (W x H)
Module area	0.61 m ² / 6.56 ft ²	1.23 m ² / 6.56 ft ²
Module size (W x H x D)	640 x 960 x 222 mm 25.2 x 37.8 x 8.7 in.	1280 x 960 x 222 mm 50.4 x 37.8 x 8.7 in.
Module weight	36 kg / 79.2 lbs	60 kg / 132.3 lbs
Power	100-264VAC / 47-63Hz	100-264VAC / 47-63Hz
Ingress protection	Front IP65 / Rear IP43	Front IP65 / Rear IP43
Service access	Rear	Rear

Specifications are subject to change without notice.

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