



TLVISION



12.5mm Outdoor LED Large Screen System (TL-OV12.5)

Large screen digital displays keep getting better and better as pixel pitches get smaller and smaller. The Trans-Lux TL Vision 12.5mm LED large screen system delivers the perfect balance of both: 12.5mm 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.

TRANSLUX



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Everything looks bigger and better when viewed on a Trans-Lux TL Vision 12.5mm 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 12.5mm LED system will engage your audience.

Specifications

Lamp	
LED Type	Oval Lamp
Wave length	R: 620 nm / G: 524 nm / B: 468 nm
Intensity	R: 920 mcd / G: 2000 mcd / B: 610 mcd
Board	
Pixel configuration	2R/1G/1B
Physical pixel pitch	12.5 mm
Virtual pixel pitch	6.25 mm
LED drive method	1/2 dynamic scan
Physical board resolution	16 x 8 (W x H)
Virtual board resolution	32 x 16 (W x H)
Board size	200 mm x 100 mm x 25 mm (W x H x D) 7.87" x 3.94" x 0.98" (W x H x D)
Module	
Cabinet concept number	MP12.5-C001
LED board array	4 x 8 (W x H)
Physical module resolution	64 x 64 (W x H)
Virtual module resolution	128 x 128 (W x H)
Module area	0.64 m ² / 6.9 ft ²
Module size	800 mm x 800 mm x 227 mm (W x H x D) 31.5" x 31.5" x 8.94" (W x H x D)
Module weight	33 kg / 72.8 lbs
Power	100-264VAC, 47~63Hz
Ingress protection	Front IP65 / Rear IP43
Service access	Rear

Display	
Viewing angle (H / V)	140° / 70°
Brightness	≥7000 cd / m ²
Pixel density	6400 / m ²
Max. power consumption	739 (W / m ²)
Avg. power consumption	259 (W / m ²)
Max. current @ 220V, 60Hz	3.12 (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	8400 Hz
Refresh rate	520 Hz
Frame rate	60 fps
Dimming levels	Manual - 100 levels, automatic - 16 levels
Certifications	ETL & CE pending

Specifications are subject to change without notice. Virtual is for 2R/1G/1B only.



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