

LSON10 Specification Outdoor LED Video Wall

Parameter		LSON10
Module	Pixel Configuration	SMD 3 in 1 LED
	Pixel Pitch (mm)	10
	Resolution (W×H)	32 ×16
	Size (mm) (W×H)	320 x 160
Cabinet	Module Configuration (W×H)	3X6
	Resolution (W×H)	96X96
	Size (mm) (W×H)	960 x 960
	Area (m ²)	0.92
	Pixel Density (Density/m ²)	10,000
	IP grade (front &back)	IP65 Front & IP54 Rear
	Heat dissipation	Fans
	Cabinet material	Steel
Optical	Processing	16 bit
	Frame rate	60 fps
	White Balance Brightness (nits)	≥5500
	Color Temperature (K)	2000—95000 (Can be adjusted)
	Horizontal Viewing Angle (°)	140
	Vertical Viewing Angle (°)	120
	Brightness Uniformity (After Calibration)	≥97%
	Contrast Ratio	3500:1
Electrical	Max Power Consumption (W/m ²)	850

* The specifications are subject to change without notice

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	Avg Power Consumption (W/m ²)	300
	Power Supply	AC100~240V (50/60Hz)
Processing	Driving Mode	1/8 scan
	Refresh Rate (Hz)	>3840 Hz
Operational	Lifetime (hrs)	100,000
	Operation Temperature Range (°C)	-20 – 60
	Operation Humidity Range (RH)	10 -- 95%

Cabinet Design

