



LR V3 Series

Redefining Transparent Touring Display



High Transparency



Louver shutters



Easy Maintenance



Touring Solutions

◀ Lightweight & Durable for Outdoor Use

- Pixel pitch: horizontal 3.9mm, vertical 7.8mm
- The LR V3 series has a transparency rate of up to 69% visual transparency, 43% physical transparency, features 4500nits high brightness, 7680Hz refresh rate, 16bit grayscale, and wide viewing angles
- Supports hanging heights up to 20m(787.40") with the wind-bracing system, 15m(590.55") under static conditions
- Adaptive Louver System enables instant switching between transparent and solid visual modes with a single touch
- Masks are fixed to the module through screws and clips to ensure the viewing effect under a wide viewing angle
- Excellent water-resistant capabilities ensure safe and reliable outdoor use; all modules, power boxes, and cables are water-resistant
- The cable routing system keeps cascade cables neatly integrated with the cabinet structure, preventing interference with rear truss installation
- The glue potting process effectively provides maximum protection against moisture and helps reduce the impact of temperature fluctuations, ensuring stable and reliable outdoor performance



Rear Maintenance



Glue Potting Modules



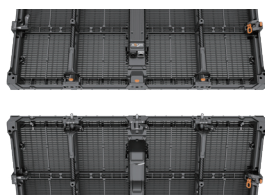
OFF/ON
Solid/Transparency

Flexible Splicing, Efficient Installation

- Flexible mixed connection supports two panel configurations: 1000×1000mm(39.37" × 39.37") with 500×1000mm (19.69" × 39.37"), or 1000×1000mm(39.37" × 39.37") with 1000×500mm(39.37" × 19.69")
- LR V3 series is often paired with laser lights or dry ice for dreamy stage effects due to its transparency
- By optional, LR V3 series adopts a 45° edge-cutting design on both the left and right sides, making L-shaped creative displays easily accessible
- The panels are equipped with standard curved locks that can be adjusted from -7.5° to +10° (in 2.5° increments) to create curved displays
- Durable vertical locking system with 2 fast locks and an intermediate lock with safety button
- Exclusive maintenance tools are designed to support both rear module maintenance and full-screen maintenance with greater efficiency



1000x1000mm* 500x1000mm
1000x1000mm*1000x500mm



Vertical Locking System



Horizontal Locking System

Touring Solutions

- Folding Wind-Bracing System with dolly solution and side-lock configuration enhances stability and deployment efficiency for outdoor touring applications
- Trolley transport solution with standard left-right lock configuration and 14-in-1 dolly system streamlines cabinet storage, transportation, and on-site handling

Product Specification

Parameters	LR3.9-7.8 V3			LR3.9 V3
	NovaStar			
Control system	SMDI921			
LED type	3.9(H)-7.8(V)			3.9I
Pixel pitch (mm)	1000x1000x96 (39.37" × 39.37" × 3.78")	500x1000x80 (19.69" × 39.37" × 3.15")	1000x500x80 (39.37" × 19.69" × 3.15")	500x1000x80 (19.69" × 39.37" × 3.15")
Panel dimensions (WxHxD, mm)				
Panel resolution	256x128	128x128	256x64	128x256
Panel weight (kg)	14.1 (31.09lbs)	7.5 (16.53lbs)	7 (15.43lbs)	8.6 (18.96lbs)
Panel material	Die casting Magnesium +Carbon fiber	Die casting magnesium		Die casting magnesium
Module size (WxH, mm)	500x250(19.69" × 9.84")			
Brightness (nit)	4500			4500
Refresh rate (Hz)	7680	7680		7680
Grayscale (bit)	16	16		16
Physical Transparency	43%	33%		Solid
Visual Transparency	69%	43%		Solid
Color temperature (K)	6500			
Viewing angle (H/V, °)	160/160	160/160		160/160
Drive mode	1/8			1/8
Max Hanging (m)	20m(787.40") with wind-bracing system/15m(590.55") under static conditions			
Power consumption (max./avg., W/m²)	450/150	450/150	450/150	540/180
Heat generated (max./avg., BTU/h/m²)	1535/512	1535/512	1535/512	1843/615
Storage temperature (°C)	- 40~ + 60			
Operating temperature (°C)	- 20~ + 50			
Storage /Operating humidity (RH)	10 %~90 %			
IP rating	IP65/IP65			
Certification	FCC, UKCA, CE, ETL, RoHS			

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