Leyard LN Series

Indoor & Outdoor Rental LED Display

Leyard® LN Series is a versatile, efficient and flexible rental LED display solution. Its user-friendly modular design and lightweight structure make it quick and easy to assemble and dismantle for exhibitions, concerts, conferences, sporting events and more. The LED cabinets can be adjusted at -10° to 10° angles to form convex or concave LED video walls that can be hung or stacked, making it a great option for any temporary indoor event or occasion.

Edge Protection Design
Preventing collisions or damage during installation or transportation

Lightweight and Portable
Ease of handling and quick setup, adaptable for various events

Positioning Arc Lock
Curvable -10°to 10° adjustable design

Easy Maintenance
Cabinet 100% rear maintenance

Outdoor Waterproof
Durable for outdoor use, maintains clear visibility

2-Year Warranty
Leyard LED Standard Limited Warranty

- *1.9, 2.6, 2.9, 3.9 & 4.8mm pixel pitches*
- *Lightweight & portable design*
- *Curvable -10°to 10° adjustable design*
- *Waterproof for outdoor use*

Specifications

Item	LN1.9	LN2.6	LN2.9		LN3.9	
LED Type	SMD	SMD	SMD		SMD	
Pixel Pitch	1.953mm	2.604mm	2.976mm		3.906mm	
Module Resolution (W×H)	128x128	96x96	84x84		64x64	
Module Dimension (WxH)	250x250mm | 9.84"x9.84"	250x250mm | 9.84"x9.84"	250x250mm | 9.84"x9.84"		250x250mm | 9.84"x9.84"	
Module Composition (WxH)	2x2	2x2	2x2	2x4	2x2	2x4
Cabinet Resolution (WxH)	256x256	192x192	168x168	168x336	128x128	128x256
Cabinet Dimension (WxHxD)	500x500x79mm | 19.69"x19.69"x3.11"	500x500x79mm | 19.69"x19.69"x3.11"	500x500x79mm | 19.69"x19.69"x3.11"	500x1000x79mm | 19.69"x39.37"x3.11"	500x500x79mm | 19.69"x19.69"x3.11"	500x1000x79mm | 19.69"x39.37"x3.11"
Cabinet Area	0.25m² | 2.69ft²	0.25m² | 2.69ft²	0.25m² | 2.69ft²	0.25m² | 5.38ft²	0.25m² | 2.69ft²	0.25m² | 5.38ft²
Cabinet Weight	7.5kg | 16.53lb	7.5kg | 16.53lb	7.5kg | 16.53lb	13kg | 28.66lb	7.5kg | 16.53lb	13kg | 28.66lb
Pixel Density (Point/m²)	262144	147456	112896		65536	
IP Level	IP30					
Brightness	1000nits					
Color Temperature	3000—10000K Adjustable					
Viewing Angle	H 160° / V 140°					
Deviation of LED Luminance Center	<3%					
Contrast Ratio	4000:1					
Power Consumption (max; avg)	600W/m²; 200W/m²					
Input Voltage	AC100~240V (50/60Hz)					
Refresh Rate @60Hz	>3840Hz					
Frame Rate	50&60Hz					
Operating Temperature	-20~40°C | -4~104°F					
Storage Temperature	-40~60°C | -40~140°F					
Operating Humidity	10~80%RH no condensation					
Storage Humidity	10~85%RH no condensation					
Module Mounting	Front & Rear					
PSU & Others Maintenance	Rear					
Panel Installtion Type	Stacking & Hanging					
Warranty	2 years					

Item	LN2.9S		LN3.9S		LN4.8S	
LED Type	SMD		SMD		SMD	
Pixel Pitch	2.976mm		3.906mm		4.808mm	
Module Resolution (W×H)	84x84		64x64		52x52	
Module Dimension (WxH)	250x250mm | 9.84"x9.84"		250x250mm | 9.84"x9.84"		250x250mm | 9.84"x9.84"	
Module Composition (WxH)	2x2	2x4	2x2	2x4	2x2	2x4
Cabinet Resolution (WxH)	168x168	168x336	128x128	128x256	104x104	104x208
Cabinet Dimension (WxHxD)	500x500x79mm | 19.69"x19.69"x3.11"	500x1000x79mm | 19.69"x39.37"x3.11"	500x500x79mm | 19.69"x19.69"x3.11"	500x1000x79mm | 19.69"x39.37"x3.11"	500x500x79mm | 19.69"x19.69"x3.11"	500x1000x79mm | 19.69"x39.37"x3.11"
Cabinet Area	0.25m² | 2.69ft²	0.25m² | 5.38ft²	0.25m² | 2.69ft²	0.25m² | 5.38ft²	0.25m² | 2.69ft²	0.25m² | 5.38ft²
Cabinet Weight	7.5kg | 16.53lb	13kg | 28.66lb	7.5kg | 16.53lb	13kg | 28.66lb	7.5kg | 16.53lb	13kg | 28.66lb
Pixel Density (Point/m²)	112896		65536		43264	
IP Level	IP65					
Brightness	4000nits					
Color Temperature	3000—10000K Adjustable					
Viewing Angle	H 160° / V 140°					
Deviation of LED Luminance Center	<3%					
Contrast Ratio	4000:1					
Power Consumption (max; avg)	600W/m²; 200W/m²					
Input Voltage	AC100~240V (50/60Hz)					
Refresh Rate @60Hz	>3840Hz					
Frame Rate Processing	50&60Hz					
Operating Temperature	-20~40°C | -4~104°F					
Storage Temperature	-40~60°C | -40~140°F					
Operating Humidity	/					
Storage Humidity	10~85%RH no condensation					
Module Mounting	Rear					
PSU & Others Maintenance	Rear					
Panel Installtion Type	Stacking & Hanging					
Warranty	2 years					