



Leyard NHV Series Outdoor Fixed Installation LED Display

Leyard® NHV Series outdoor LED displays are designed with durability and reliability in mind, boasting a high protection level to withstand various environmental conditions. With a 45° beveled edge, the displays can meet the needs of special-shaped splicing video walls, such as those with 90° corners. The display's module and control/power boxes are independent from one another, improving uniformity and eliminating heat influence.

IP67

IP67 Waterproof
Resists weather and maintains performance

HDR

High Dynamic Range
High refresh rate with HDR 16bit+ display



High Brightness
Visible in sunlight and improves outdoor visibility



Lower Consumption
Eco-friendly, and extends display lifespan



Beveled Edge Design
Available in 45 degree beveled edge design



2-Year Warranty
Leyard LED Standard Limited Warranty

- 3.3, 4.0, 6.6, 8.0 & 10mm pixel pitches
- IP67 Ingress Protection rating for outdoor use
- 4,000 - 9,500 nit brightness
- Optional 45° beveled edges for corners





Highlight Features

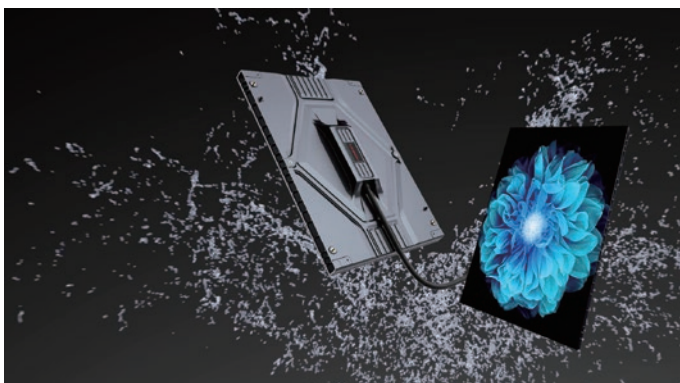
- > Right-angle cabinets support convex corners.
- > The modules are connected in star link to avoid the inline failure.
- > One cable provides power and data. The waterproof airplug to the control/power backpack provides a stable connection.
- > The module and control/power box are independent of each other, to improve uniformity and eliminate heat influence.

Cabinet Size (WxHxD) - 1280x960x75mm

High Refresh Rate - 3840Hz

Horizontal Viewing Angle - 150° / Vertical Viewing Angle - 150°

Waterproof IP67 Ingress Protection Rating



HDR High Dynamic Range

3,000~10,000K adjustable color temperature.



Ultra-clear Image Quality

The high brightness intelligent module design supports HDR and 16bit + 9bit processing, and can display more dynamic range and image details.



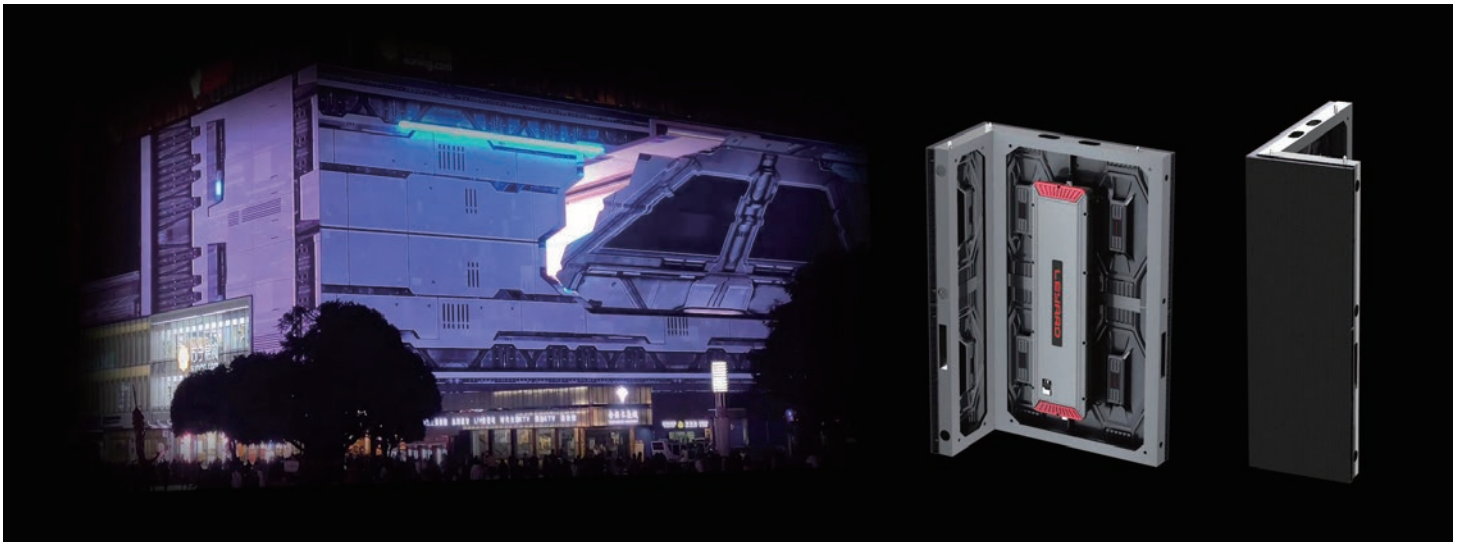
High Refresh Rate

The image is very stable on cameras and mobile phones. Barcodes are readable by the mobile phones to enable more efficient interactive advertising.



45 Degree Beveled Edge Design

Can be spliced into right angles or curved shapes.



Waterproof Air Pressure Adjustable Device

Waterproof breathing valve can ensure that air can move freely, while water molecules will not enter. It is safe to use in rainy and wet conditions.



Star Type Connection Method

The LED module uses a star-shaped connection, independent waterproof module and independent control combination.



Specifications

Item	NHV3	NHV4	NHV6	NHV8	NHV10	NHV3H	NHV4H	NHV6H	NHV8H	NHV10H
LED Type	SMD	SMD	SMD	SMD	SMD	SMD	SMD	SMD	SMD	SMD
Pixel Pitch	3.3mm	4mm	6.6mm	8mm	10mm	3.3mm	4mm	6.6mm	8mm	10mm
Module Resolution (WxH)	96x144	80x120	48x72	40x60	32x48	96x144	80x120	48x72	40x60	32x48
Module Size (WxHxD)	320x480x20mm 12.6"x18.9"x0.79"									
Module Weight	2.1kg 4.6lb									
Module Composition (WxH)	4x2									
Cabinet Resolution (WxH)	384x288	320x240	192x144	160x120	128x96	384x288	320x240	192x144	160x120	128x96
Cabinet Size (WxHxD)	1280x960x75mm 50.39"x37.8"x2.95"									
Unit Area	1.2288m ² 13.23ft ²									
Weight	26kg/m ² 57.32lb/ft ²									
Pixel Density (pixel/m ²)	90000	62500	22500	15625	10000	90000	62500	22500	15625	10000
Surface Flatness (mm)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Brightness Calibration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Color Calibration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Brightness (nits)	4000~4500	4500~5000	4500~5000	4500~5000	4500~5000	5000~6000	6000~7500	6500~7000 / 7500~8500 / ≥10000		
Color Temperature	3000—10000K Adjustable									
Horizontal Viewing Angle	150°									
Vertical Viewing Angle	150°									
Deviation of LED Luminance Center	<3%									
Brightness Uniformity	≥97%									
Chromaticity Uniformity	±0.003Cx,Cy within									
Contrast Ratio	3000:1									
Max Power Consumption	720W/m ²	720W/m ²	720W/m ²	720W/m ²	720W/m ²	720W/m ²	720W/m ²	720W/m ²	720W/m ²	720W/m ²
Average Power Consumption	295W/m ²	285W/m ²	265W/m ²	255W/m ²	240W/m ²	295W/m ²	285W/m ²	265W/m ²	255W/m ²	240W/m ²
Power Supply	AC100 ~ 240V (50/60Hz)									
Drive Mode	Constant current drive									
Scanning Mode	12s	10s	6s	4s	2s	12s	10s	6s	4s	2s
Refresh Rate	3840Hz									
Frame Rate	50&60Hz									
Grey Level (bit)	16									
Lifetime (hrs)	100,000									
IP Level	IP67									
Operation Temperature	-30~50°C -22~122°F									
Storage Temperature	-40~60°C -40~140°F									
Operation Humidity	10~80%RH no condensation									
Storage Humidity	10~85%RH no condensation									
Warranty	2 years									
Certification	FCC, CB, cTUVus, CE, IC, ROHS, WEEE, REACH									