



## 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 Brightness**  
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



# 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 <sup>2</sup>   13.23ft <sup>2</sup>									
Weight	26kg/m <sup>2</sup>   57.32lb/ft <sup>2</sup>									
Pixel Density (pixel/m <sup>2</sup> )	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 / 9500		
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 <sup>2</sup>	720W/m <sup>2</sup>	720W/m <sup>2</sup>	720W/m <sup>2</sup>	720W/m <sup>2</sup>	720W/m <sup>2</sup>	720W/m <sup>2</sup>	720W/m <sup>2</sup>	720W/m <sup>2</sup>	720W/m <sup>2</sup>
Average Power Consumption	295W/m <sup>2</sup>	285W/m <sup>2</sup>	265W/m <sup>2</sup>	255W/m <sup>2</sup>	240W/m <sup>2</sup>	295W/m <sup>2</sup>	285W/m <sup>2</sup>	265W/m <sup>2</sup>	255W/m <sup>2</sup>	240W/m <sup>2</sup>
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									