

Full HD Video Wall Module

Along with the development of era and the advance of technology, the requirements for video wall system in territories, such as multi-media conference, security monitoring, scheduling and commanding, network communication management, and so on, are developing toward digitalization, high-resolution, intelligent, and interaction. The DLP high-resolution video wall display systems introduced by nLighten provide the best solution for various applications of high-resolution digital display.

High-resolution display

- American TI company's latest BrilliantColor™ (BrilliantColor™) color management technology
- Adopt TI's latest 0.65" TypeX DMD display chip
- Realize real 1080P (1920x1080) high resolution under 16:9 proportion
- High brightness (900nits) and high contrast (1600:1)
- Five-color wheel technology leading world greatly increases the saturation of colors displayed.

Independent 6-axis positioning technology

- Adopt professional independent 6-axis adjusting mechanism, combined with precise adjustment design of optical mirror, able to rapidly and accurately adjust the images by projector, maximizing the reduction of geometric distortion to ensure the seamless images on cross-screen.

High brightness and long life bulb

- Adopt OSRAM high brightness and long life 180W new type bulb
- Effective use time can reach 8000 hours.

Anti-dust, vibration-proof, noise cancelling design

- The box design passes severe inspections and is certificated by national bureau, achieving qualified anti-duct performance (IP5x), noise qualified (less than 38dB), and vibration test qualified (anti-vibration over class 8), effectively assuring the stability of the operation of the cross-screen system.

Multiple layers tempered glass

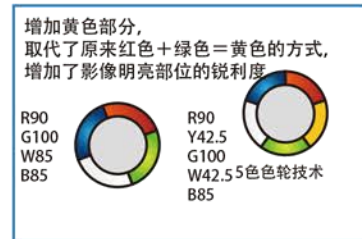
- The screen adopts tempered glass specialized for touch design, water-proof, anti-corrosion, and accidental impact preventable.
- Provided with anti-glare and anti-reflection features, excellent uniformity, able to be rubbed with wet cloth, easy for cleaning and maintenance.

Green environmental friendly

- Low energy consumption of light source, low carbon emission, free of harmful materials, such as mercury, sodium, and so on, compliant to international green environmental codes.



1080P Full HD Display · 1600:1 contrast



5 color wheel technology



Severe inspections to ensure the stability of product performance and reliability

Application



Communication



Security Surveillance



Multimedia video conference



Command center



Interactive display

Specification

Screen Parameter

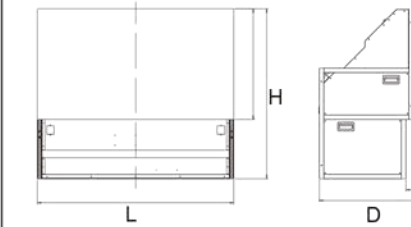
Display Size	60"	67"	72"
Brightness	900nits	700nits	700nits
Dimension(L x H x D/mm)	1328 x 1147 x 760	1480 x 1275 x 795	1600x 1365x 845
Weight	112Kg	129Kg	148Kg
Contrast	≥1600 : 1		
View angle(Horizontal)	≤ 160°		
View angle(Vertical)	≤ 80°		
Screen material	Multi layer Tempered Glass		
Display technology	0.65"Type X DLP™		
Resolution	Full HD 1080P (1920x1080)		

Other

Input / Output	VGA1,RGBHV1,DVI1,BNC1
	DVI1,BNC1
Power requirement	AC 100 – 240V / 50 – 60Hz
Power consumption	260W
Standby mode	Less 1W
Light bulb Type	180W
Light bulb lifetime	8000 Hrs

Environment

Operation Temperature	5°C to +35°C
Operation Humidity	20%-80% RH



* nLighten reserves the right to update above information without prior notice