

# LCD VIDEO WALL

## B Series

### INTRODUCTION

LCD video wall is a large display composed of multiple LCD panels tiled together to form a single screen. These video walls are capable of displaying high-resolution images and videos with exceptional clarity and brightness, making them ideal for a wide range of applications, including advertising, education, entertainment, and surveillance. LCD video walls come in a variety of sizes and configurations, from small 2x2 setups to massive installations comprising dozens of panels. They offer an immersive viewing experience, making them popular in public spaces, conference rooms, and command centers. LCD video walls have revolutionized the way businesses and organizations present information and communicate with their audiences.



### FEATURES

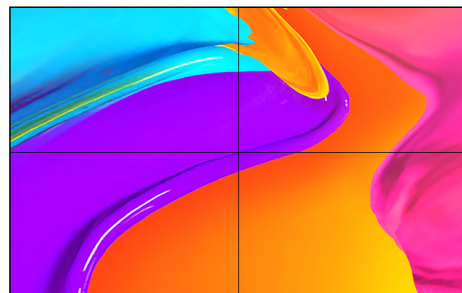
- Supports U disk picture, video, audio and document playback put.
- Support HDMI looping (optional)
- Efficient 3D comb filter image processing engine, output the resulting image is clearer and more realistic.
- Multi-bus parallel processing, powerful processing function.
- Can work continuously 24 hours a day.
- Support remote control to operate all splicing functions.
- U disk for one-click upgrade, convenient and fast.
- Supports output image quality adjustment.
- Supports backlight adjustment and image adjustment.
- Support output screen flipping.
- Supports LCD screen edge compensation.
- Supports cascade control between multiple boards.
- Intelligent temperature control.

## LCD Video Wall

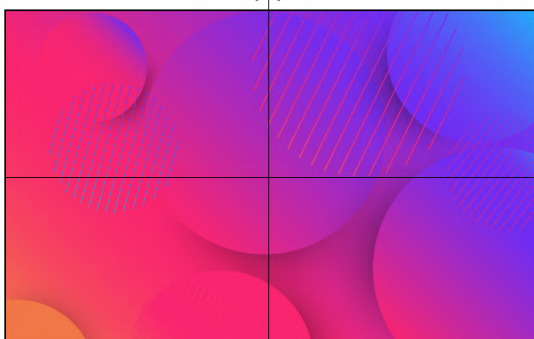
## FEATURES

### Hight Image Quality

With brilliant display effects and great ability to show color in its most real status.



0.88mm



### Small Pitch Bezel

Narrow bezel design,  
0.88mm&1.8mm&3.5mm three different  
bezels, suitable for most different scenarios.

### Hight Reliability

Industrial-grade splicing screen can run  
continuously for 24 hours\*7days.



### HDMI Looping

HDMI Looping is an important tool for providing flexibility, convenience and cost-effectiveness in multi-screen display environments, enabling you to manage and present content efficiently. This is valuable for business, education, entertainment and other application scenarios.

| Product Name                | H4610LN-B                        | H4618LN-B                        | H4630LN-B                        | H4930LN-B                        | H5510LN/HN-B                     |
|-----------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Display Size                | 46inch                           | 46inch                           | 46inch                           | 49inch                           | 55inch                           |
| Bezel                       | 0.88mm                           | 1.7mm                            | 3.5mm                            | 3.5mm                            | 0.88mm                           |
| Panel                       | Grade A                          | Grade A                          | Grade A                          | Grade A                          | Grade A                          |
| Backlight Type              | D-LED                            | D-LED                            | D-LED                            | D-LED                            | D-LED                            |
| Display Resolution          | 1920x1080                        | 1920x1080                        | 1920x1080                        | 1920x1080                        | 1920x1080                        |
| Display Scale               | 16:9                             | 16:9                             | 16:9                             | 16:9                             | 16:9                             |
| Brightness                  | 500 cd/m²                        | 500 cd/m²                        | 500 cd/m²                        | 500 cd/m²                        | 500/<br>700 cd/m²                |
| Contrast                    | 1200:1 (Typ.)                    | 1200:1 (Typ.)                    | 1200:1 (Typ.)                    | 1200:1 (Typ.)                    | 1200:1 (Typ.)                    |
| Viewing Angle               | H 178°/V 178°                    | H 178°/V 178°                    | H 178°/V 178°                    | H 178°/V 178°                    | H 178°/V 178°                    |
| Response Time               | 8ms (Typ.)                       | 8ms (Typ.)                       | 8ms (Typ.)                       | 6.5ms (Typ.)                     | 8ms (Typ.)                       |
| Color Depth                 | 16.7M(8bit)                      | 16.7M(8bit)                      | 16.7M(8bit)                      | 16.7M(8bit)                      | 16.7M(8bit)                      |
| Power Input                 | 100 V ~ 240<br>V/AC              | 100 V ~ 240<br>V/AC              | 100 V ~ 240<br>V/AC              | 100 V ~ 240<br>V/AC              | 100 V ~ 240<br>V/AC              |
| Machine Power Consumption   | ≤200W                            | ≤200W                            | ≤200W                            | ≤200W                            | ≤200W                            |
| Operation Hours             | 7x24h                            | 7x24h                            | 7x24h                            | 7x24h                            | 7x24h                            |
| Service Life                | 50000h                           | 50000h                           | 50000h                           | 50000h                           | 50000h                           |
| Operating Temperature       | 0℃~60℃                           | 0℃~60℃                           | 0℃~60℃                           | 0℃~60℃                           | 0℃~60℃                           |
| Use Humidity                | 20%~85% RH<br>Non-<br>Condensing | 20%~85% RH<br>Non-<br>Condensing | 20%~85% RH<br>Non-<br>Condensing | 20%~85% RH<br>Non-<br>Condensing | 20%~85% RH<br>Non-<br>Condensing |
| Material                    | Sheet Metal                      | Sheet Metal                      | Sheet Metal                      | Sheet Metal                      | Sheet Metal                      |
| Bare Dimension(mm)          | 1019.3×573.8×<br>69.2            | 1021.48×576.07<br>×79.2          | 1022.18×576.77<br>×53.22         | 1078.34×608.36<br>×66.5          | 1210.48×681.28<br>×64.5          |
| Installation Method         | Wall mounting                    | Wall mounting                    | Wall mounting                    | Wall mounting                    | Wall mounting                    |
| Net Weight<br>/Gross Weight | 18KG(single)                     | 18KG(single)                     | 17KG(single)                     | 22KG(single)                     | 23KG(single)                     |
| Input Interface             |                                  |                                  |                                  |                                  |                                  |
|                             | Option 1(Looping)                |                                  | Option 2                         |                                  |                                  |
| USB                         | x1                               |                                  | x1                               |                                  |                                  |
| DP                          | x1(Max3840x2160 @60Hz)           |                                  | /                                |                                  |                                  |
| HDMI                        | x1(Max3840x2160 @60Hz)           |                                  | x1 (Max 3840x2160 @30Hz)         |                                  |                                  |
| DVI                         | x1(Max3840x2160 @30Hz)           |                                  | x1 (Max 1920x1080 @60Hz)         |                                  |                                  |
| VGA                         | x1(Max1920x1080 @60Hz)           |                                  | /                                |                                  |                                  |
| RS232                       | x1                               |                                  | x1                               |                                  |                                  |
| ADUIO                       | x1                               |                                  | /                                |                                  |                                  |
| Output interface            |                                  |                                  |                                  |                                  |                                  |
|                             | Option 1(Looping)                |                                  | Option 2                         |                                  |                                  |
| RS232                       | x2                               |                                  | x2                               |                                  |                                  |
| HDMI 2.0                    | x1 (3840x2160 @60Hz)             |                                  | /                                |                                  |                                  |

| Product Name                | H5518LN/HN-B                     | H5530LN-B                        | H6530BM-B                        | H7530BN-B                        |
|-----------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Display Size                | 55inch                           | 55inch                           | 65inch                           | 75inch                           |
| Bezel                       | 1.7mm                            | 3.5mm                            | 3.5mm                            | 3.5mm                            |
| Panel                       | Grade A                          | Grade A                          | Grade A                          | Grade A                          |
| Backlight Type              | D-LED                            | D-LED                            | D-LED                            | D-LED                            |
| Display Resolution          | 1920x1080/<br>3840x2160          | 1920x1080                        | 3840x2160                        | 1920x1080                        |
| Display Scale               | 16:9                             | 16:9                             | 16:9                             | 16:9                             |
| Brightness                  | 500/<br>700 cd/m <sup>2</sup>    | 500 cd/m <sup>2</sup>            | 500 cd/m <sup>2</sup>            | 500 cd/m <sup>2</sup>            |
| Contrast                    | 1200:1 (Typ.)                    | 1200:1 (Typ.)                    | 1200:1 (Typ.)                    | 1200:1 (Typ.)                    |
| Viewing Angle               | H 178°/V 178°                    | H 178°/V 178°                    | H 178°/V 178°                    | H 178°/V 178°                    |
| Response Time               | 8ms (Typ.)                       | 8ms (Typ.)                       | 8ms (Typ.)                       | 12ms (Typ.)                      |
| Color Depth                 | 16.7M(8bit)                      | 16.7M(8bit)                      | 16.7M(8bit)                      | 16.7M(8bit)                      |
| Power Input                 | 100 V ~ 240<br>V/AC              | 100 V ~ 240<br>V/AC              | 100 V ~ 240<br>V/AC              | 100 V ~ 240<br>V/AC              |
| Machine Power Consumption   | ≤200W                            | ≤200W                            | ≤200W                            | ≤230W                            |
| Operation Hours             | 7x24h                            | 7x24h                            | 7x24h                            | 7x24h                            |
| Service Life                | 50000h                           | 50000h                           | 50000h                           | 50000h                           |
| Operating Temperature       | 0℃~60℃                           | 0℃~60℃                           | 0℃~60℃                           | 0℃~60℃                           |
| Use Humidity                | 20%~85% RH<br>Non-<br>Condensing | 20%~85% RH<br>Non-<br>Condensing | 20%~85% RH<br>Non-<br>Condensing | 20%~85% RH<br>Non-<br>Condensing |
| Material                    | Sheet Metal                      | Sheet Metal                      | Sheet Metal                      | Sheet Metal                      |
| Bare Dimension(mm)          | 1212.70×683.50<br>×71.05         | 1213.50×684.30<br>×53.24         | 1432.6×807.6×<br>75              | 1658.76×940.04<br>×120.15        |
| Installation Method         | Wall mounting                    | Wall mounting                    | Wall mounting                    | Wall mounting                    |
| Net Weight<br>/Gross Weight | 23KG(single)                     | 23KG(single)                     | 26.5KG(single)                   | 28KG(single)                     |
| Input Interface             |                                  |                                  |                                  |                                  |
|                             | Option 1(Looping)                |                                  | 65" Only                         | Option 2                         |
| USB                         | x1                               |                                  | x1                               |                                  |
| DP                          | x1(Max3840x2160 @60Hz)           |                                  | /                                |                                  |
| HDMI                        | x1(Max3840x2160 @60Hz)           |                                  | x1 (Max 3840x2160 @30Hz)         |                                  |
| DVI                         | x1(Max3840x2160 @30Hz)           |                                  | x1 (Max 1920x1080 @60Hz)         |                                  |
| VGA                         | x1(Max1920x1080 @60Hz)           |                                  | x1                               | /                                |
| RS232                       | x1                               |                                  | x1                               |                                  |
| ADUIO                       | x1                               |                                  | /                                |                                  |
| AV                          | /                                |                                  | x1                               | /                                |
| Output interface            |                                  |                                  |                                  |                                  |
|                             | Option 1(Looping)                |                                  | Option 2                         |                                  |
| RS232                       | x2                               |                                  | x2                               |                                  |
| HDMI 2.0                    | x1 (3840x2160 @60Hz)             |                                  | /                                |                                  |