

# HNX Series

Show you a real world!



—Display a better world for —  
all



# Catalogue

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- 3.1 Appearance
- 3.2 Performance
- 3.3 Structure

## 4. Product Specification

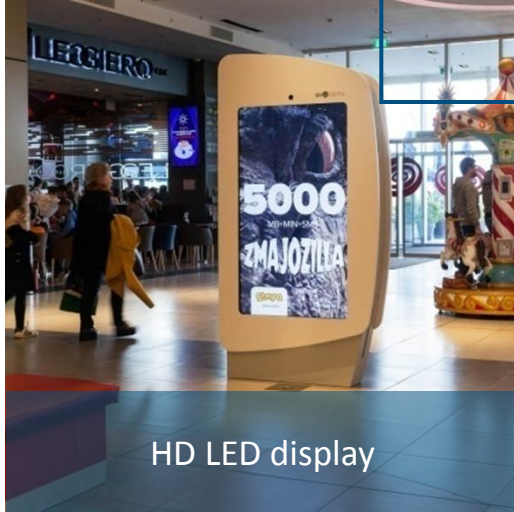
# 1· Products Overview

## Professional HD LED display

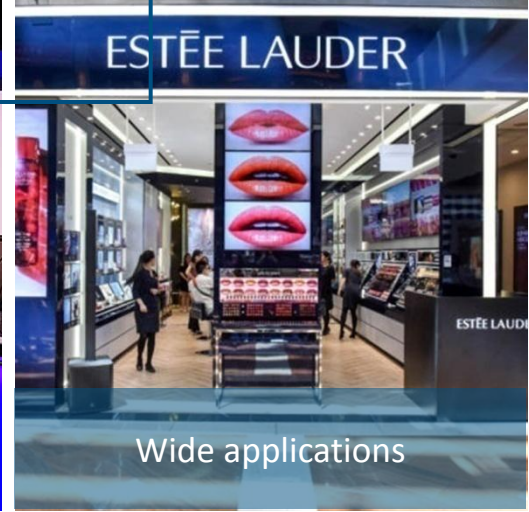
- 1.25mm/1.56mm/1.8mm/2.5mm;
- The cabinet size is 600\*337.5\*60mm,with a slim standard 16:9 panel size;
- Front installation and maintenance;
- Dual backup function, smart module;
- Power saving option.



## Application



HD LED display



Wide applications

HNS series is **16:9** visual scale, they can be widely used in various occasions, the 720P\1080P\2160P\3840P high-definition and ultra-high definition all are available.

## 3.1 · Appearance

### Internal cabling

All cables can be internal, no cables will be visible. This is important and necessary for full front access.

Also, this can make LED screens very tidy.



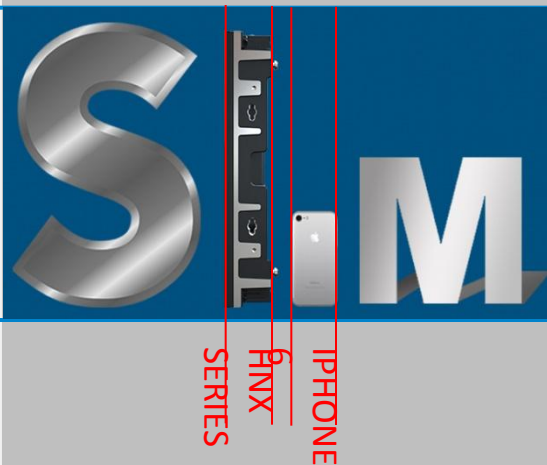
## Light and slim

- The cabinet is slimmer, it's only 60mm in thick which can achieve better wall mounted effect;
- The cabinet is lighter, it's only 5.85kg in weight which is labor saving.

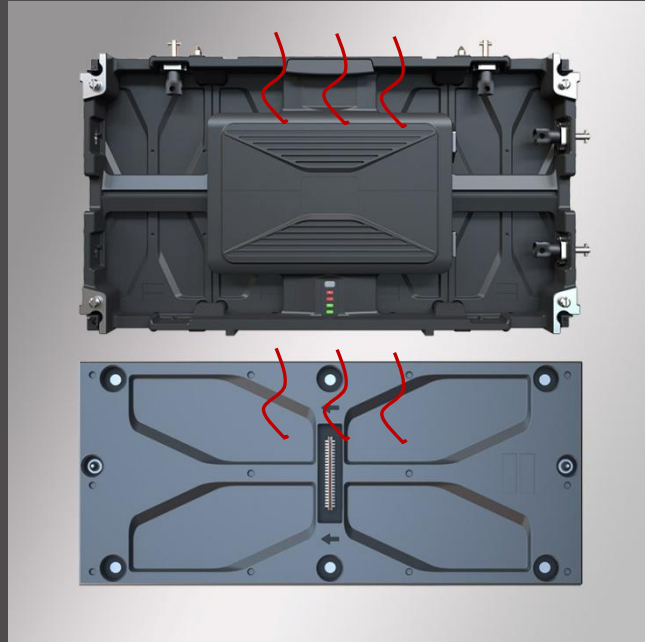


## 超轻超薄

- The cabinet is slimmer (optional screw for front installation), it's only 60mm in thick which can achieve better wall mounted effect;
- The cabinet is lighter, it's only 5.85kg in weight which is labor saving.



## 3.2 ▪ Performance



### Good heat dissipation

- Die casting cabinet allowing enough space for heat dissipation;
- Aluminum frame of the module can speed up heat dissipation.



## Smart module



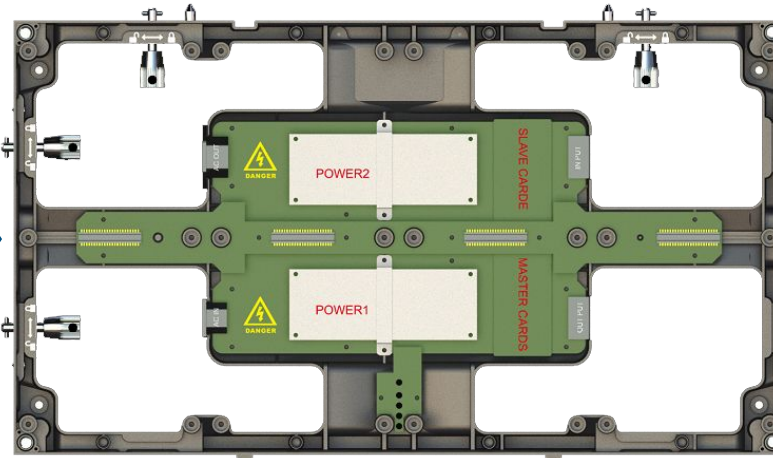
- Optional smart module with calibration storage function.
- Power save option, it can prolong LED beads life ( Not support calibration storage function)



# Dual backup

## Dual backup of power supply

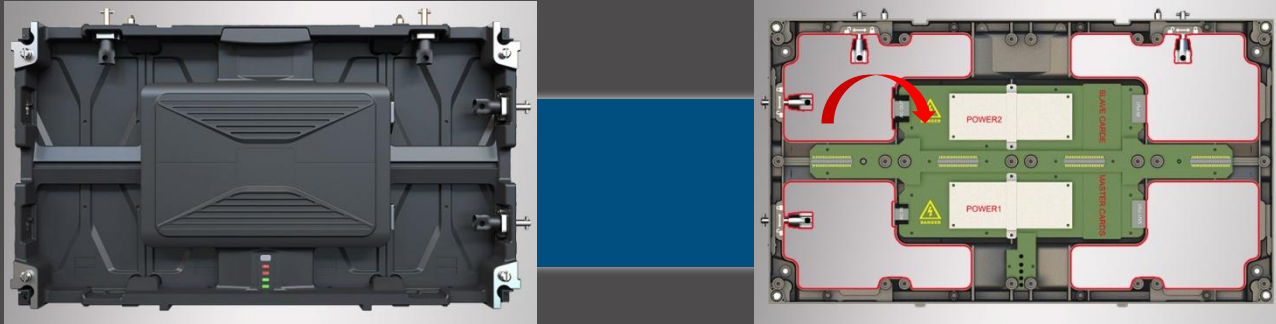
Dual redundant power supplies in each panel. If one power supply fails, the other can ensure normal working of panel.



## Dual backup of receiving card

Two RV cards in each panel. If one RV card fails, the other can ensure normal working of panel. Two RV cards are synchronously working for backup function.

### 3.3 - Structure



### Updated cabinet

- Die casting cabinet is made as an unibody, allowing enough room for maintenance
- wireless connection, reducing failure rate;

## Protect module from bumping

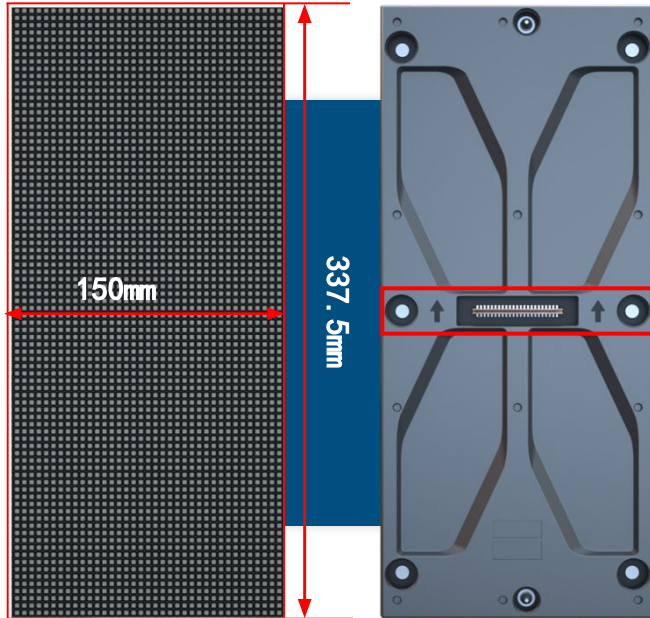


Protection corner

Cushion design on cabinet bottom

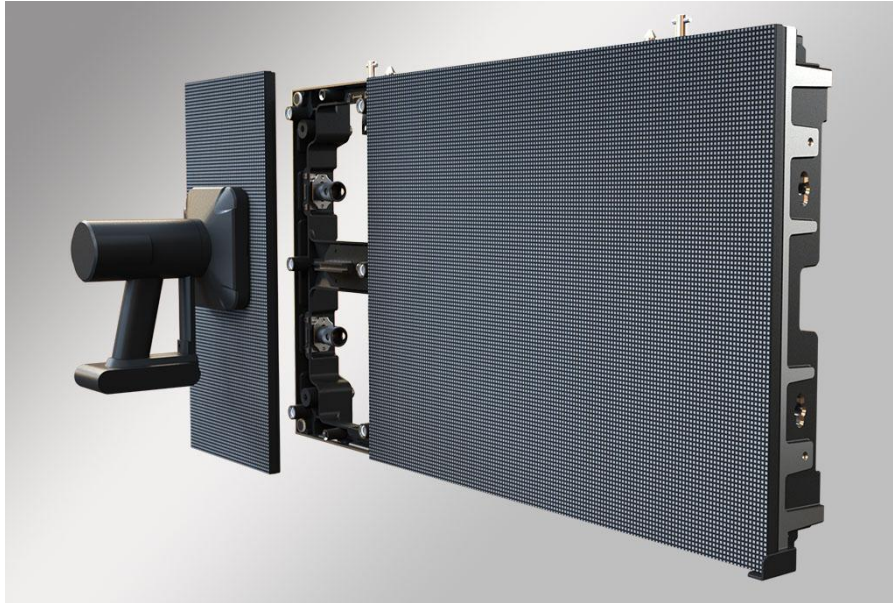
Reducing lamp bumping when moving cabinets.

## Updated module



- The module size is 150\*337.5mm which is easy for maintenance;
- Aluminum frame of the module is designed for better flatness and heat dissipation and stronger deformation resistance;
- Modules are connected by copper sheets in case of poor contact and misalignment of pin headers.

## Full Front Access

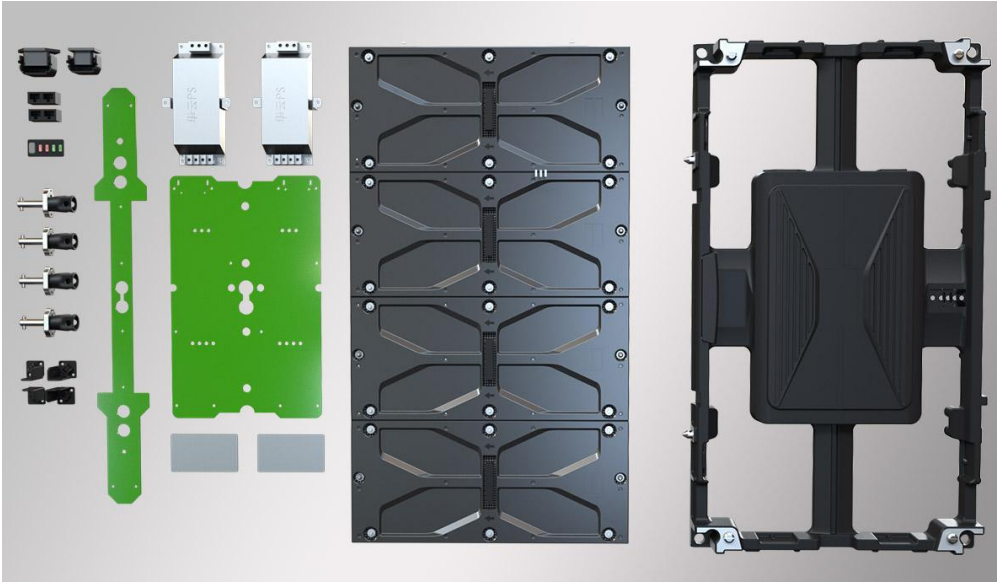


### Full front access

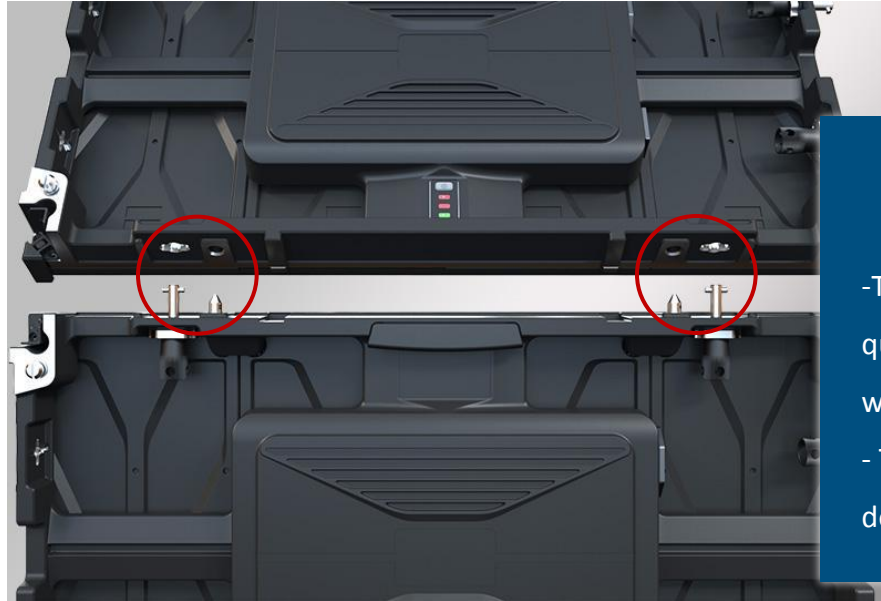
- Electric vacuum pressure tool;
- Magnetic tool .

# Easy for maintenance

HUB board and power supply can be promptly replaced as you remove those two modules against them.



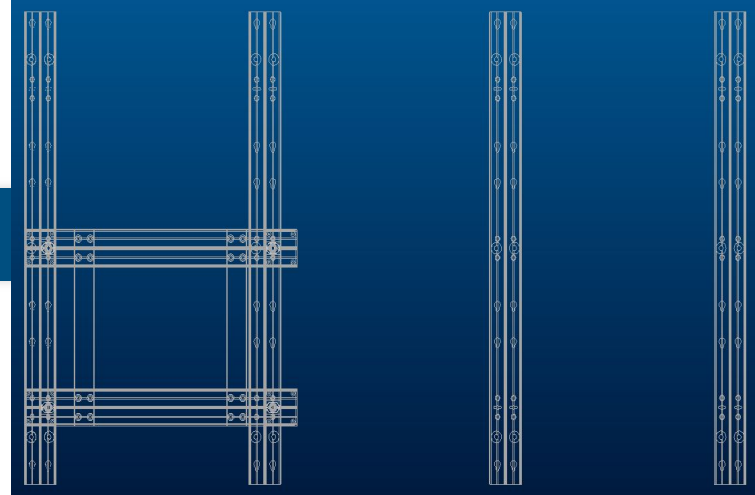
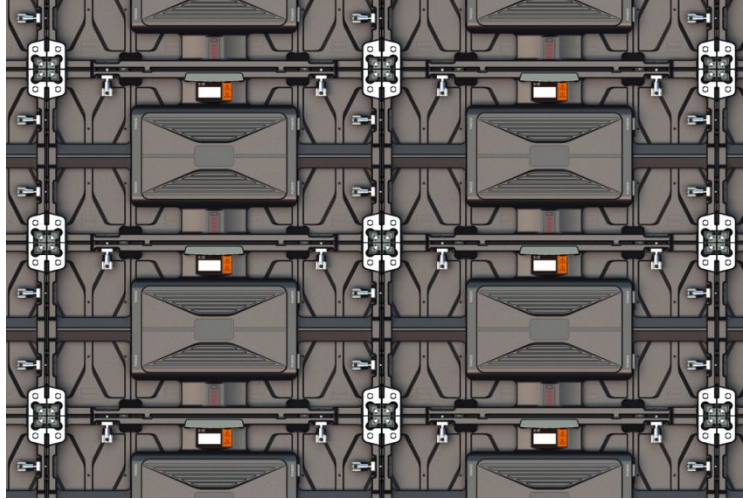
## Fast assembling



- There are 2 locating pin which are useful for quick positioning during installation to make the work more quick and convenient
- There are two sets fast locks on cabinet up and down side which can splicing two cabinet quickly.



## Fast installation



- Equipped with mounting structure and mounting fixture to realize fast installation.
- Equipped with cabinets connection piece and installation drawing to support back installation.

	Model	HN1. 2X	HN1. 5X
<b>Physical Parameter</b>	Pixel configuration	SMD0808	SMD1010
	Pixel pitch (mm)	1.25	1.56
	Module dimension W×H×D)	150x337.5 mm	150x337.5 mm
	Cabinet dimension (W×H×D)	600x337.5x60 mm	600x337.5x60 mm
	Module weight (KG)	0.66	0.66
	Cabinet weight (KG)	5.85	5.85
<b>Electronic Parameter</b>	Color Grayscale (Bit)	13-16 bit	13-16 bit
	Gray scale per color	8192-65536	8192-65536
	Refresh rate (Hz)	≥1920	≥1920
	Drive Type	1/27 scan	1/27 scan
	Frame frequency (Hz)	50/60	50/60
<b>Optical Parameter</b>	Brightness (nits)	1000	1000
	Horizontal/Vertical viewing angle	160°/160°	160°/160°
<b>Electrical Parameter</b>	AC input voltage (V)	100-240 V/ 50-60 Hz	100-240 V/ 50-60 Hz
	Maximum AC input power consumption	160 W/sqm	150 W/sqm
	Typical value AC input power consumption	80 W/sqm	75 W/sqm
<b>Circumstance Parameter</b>	Temperature	0-40 (working)	0-40 (working)
	IP rating (front/rear)	IP40/IP20	IP40/IP20
	Humidity	10%~90% (working)	10%~90% (working)
	Lifespan typical value (hours)	100000	100000
<b>Installation Type</b>	Installation type	FIX	FIX

	Model	HN1. 8X	HN2. 5X
<b>Physical Parameter</b>	Pixel configuration	SMD1010	SMD2020
	Pixel pitch (mm)	1.87 mm	1.56 mm
	Module dimension W×H×D)	150x337.5 mm	150x337.5 mm
	Cabinet dimension (W×H×D)	600x337.5x60 mm	600x337.5x60 mm
	Module weight (KG)	0.66	0.66
	Cabinet weight (KG)	5.85	5.85
<b>Electronic Parameter</b>	Color Grayscale (Bit)	13-16 bit	13-16 bit
	Gray scale per color	8192-65536	8192-65536
	Refresh rate (Hz)	≥1920	≥1920
	Drive Type	1/27	1/27
	Frame frequency (Hz)	50/60	50/60
<b>Optical Parameter</b>	Brightness (nits)	1000	1000
	Horizontal/Vertical viewing angle	160°/160°	160°/160°
<b>Electrical Parameter</b>	AC input voltage (V)	100-240 V/ 50-60 Hz	100-240 V/ 50-60 Hz
	Maximum AC input power consumption	150 W/sqm	90 W/sqm
	Typical value AC input power consumption	75 W/sqm	45 W/sqm
<b>Circumstance Parameter</b>	Temperature	0-40 (working)	0-40 (working)
	IP rating (front/rear)	IP40/IP20	IP40/IP20
	Humidity	10%~90% (working)	10%~90% (working)
	Lifespan typical value (hours)	100000	100000
<b>Installation Type</b>	Installation type	FIX	FIX