

DATA ANALYSIS



**EXPERIENCE
HIGH-QUALITY
DISPLAY
SOLUTIONS.**

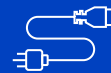
KEY FEATURES

HDR

HDR
Ready

32:9

32:9
Aspect Ratio



Generic
Cables



Intelligent
Module



Full Front
Access



Spliced Into
Various Shapes



Customizable
Cabinet Width



6-axis
Alignment



Easy
Maintenance

TECHNOLOGY ADVANTAGES

Multiple Sizes to Meet More Needs

960mm



270mm

720mm



270mm

480mm



270mm

> Standard width 960mm > Customized width 720/480mm

FLEXIBLE

PEM series cabinet structure is flexible and has multiple widths, suitable for various applications such as retail, external obituary, creative display and so on.

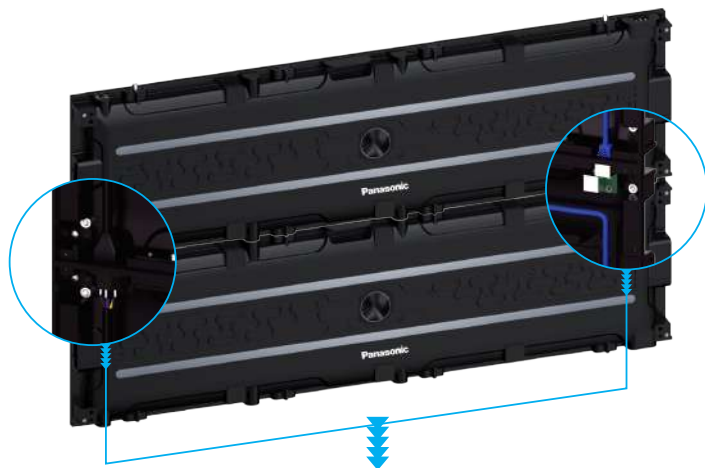


X/Y/Z 6-AXIS ALIGNMENT

Special 6-axis alignment features ensure the video wall is perfectly aligned and seamless.

CONVENIENT POWER CABLE CONNECTION

Power cables can be connected from the top or side.



Cable can be connected to the AC socket to complete the power cascade between the upper and lower cabinets.

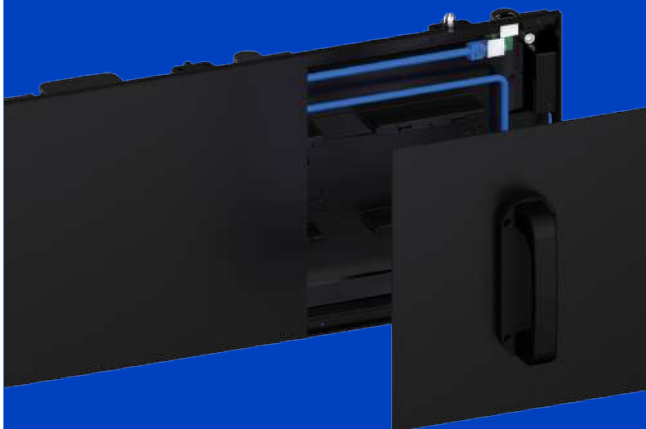
PERFECT 16:9 STITCHING

PEM series standard cabinet has an aspect ratio of 32:9, and two cabinets are stacked to achieve the aspect ratio of 16:9, which is suitable for playing all kinds of highdefinition videos.



EASY FRONT INSTALLATION AND MAINTENANCE

PEM series has a fully front-access design. When front installation, you only need to remove the two modules on the edge to make wiring very convenient.



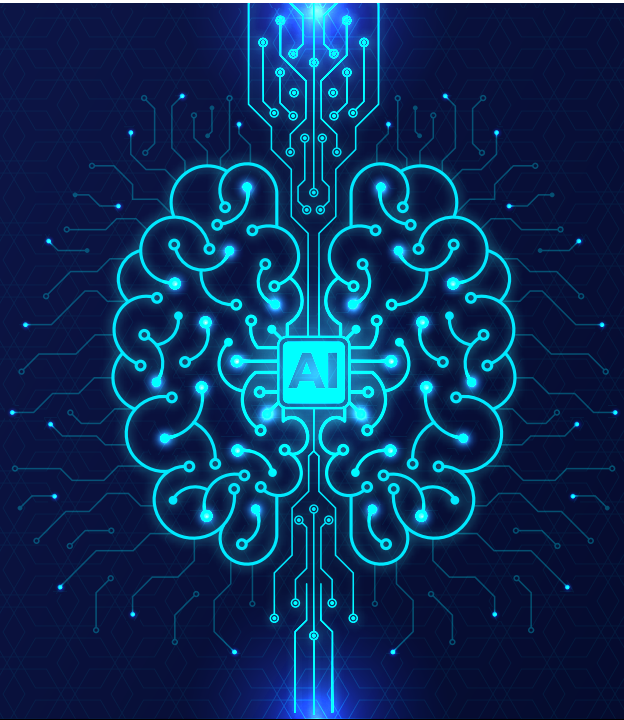
COMPACT AT BACK

The signal and power connections between the cabinets are hidden, ensuring a compact and decent rear of the entire screen.



INTELLIGENT MODULE

The module adopts digital signature technology, and the calibration data can be stored in the module independently, which is convenient for maintenance.



HIGH DYNAMIC RANGE (OPTIONAL)

Support HDR function to meet more display requirements.



SPECIFICATION

Item	LH-NP09M9/ LH-NP09M7/ LH-NP09M4	LH-NP10M9/ LH-NP10M7/ LH-NP10M4	LH-NP12M9/ LH-NP12M7/ LH-NP12M4	LH-NP14M9/ LH-NP14M7/ LH-NP14M4	LH-NP15M9/ LH-NP15M7/ LH-NP15M4	LH-NP18M9/ LH-NP18M7/ LH-NP18M4	LH-NP20M9/ LH-NP20M7/ LH-NP20M4	LH-NP25M9/ LH-NP25M7/ LH-NP25M4	LH-NP30M9/ LH-NP30M7/ LH-NP30M4
Pixel Configuration	SMD	SMD	SMD	SMD	SMD	SMD	SMD	SMD	SMD
Pitch (mm)	0.968	1.0	1.25	1.46	1.579	1.875	2.0	2.5	3.0
Module Resolution (WxH)	248x279	240x270	192x216	164x184	152x171	128x144	120x135	96x108	80x90
Module Size (mm) (WxHxD)	240x270x13	240x270x13	240x270x13	240x270x13	240x270x13	240x270x13	240x270x13	240x270x13	240x270x13
Module Weight (Kg)	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Module Composition (WxH)	4x1	4x1	4x1	4x1	4x1	4x1	4x1	4x1	4x1
Cabinet Resolution	992x279	960x270	768x216	656x184	608x171	512x144	480x135	384x108	320x90
Cabinet Dimension (WxHxD, mm)	960x270x40								
Unit Area (㎡)	0.2592	0.2592	0.2592	0.2592	0.2592	0.2592	0.2592	0.2592	0.2592
Cabinet Weight (Kg/㎡)	20	20	20	20	20	20	20	20	20
Pixel Density (pixel/㎡)	1067208	1000000	640000	465679	401084	284444	250000	160000	111111
Surface Flatness (mm)	≤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
Color Calibration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Brightness [nits] (after calibration)	800	800	800	800	800	800	800	800	800
Color Temperature (K)	3000-10000 Adjustable								
Horizontal Viewing Angle [°]	160	160	160	160	160	160	160	160	160
Vertical Viewing Angle [°]	140	140	140	140	140	140	140	140	140
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
Contrast Ratio	7000	7000	7000	7000	7000	7000	7000	7000	7000
Max Power Consumption (W/㎡)	550	550	550	550	550	550	550	550	550
Average Power Consumption (W/㎡)	230	225	220	210	210	200	200		200
Power Supply	AC200 ~ 240V (50Hz)								
Frame Rate (Hz)	50&60	50&60	50&60	50&60	50&60	50&60	50&60	50&60	50&60
Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
Lifetime (hrs)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Operation Temperature	-20 ~ 40	-20 ~ 40	-20 ~ 40	-20 ~ 40	-20 ~ 40	-20 ~ 40	-20 ~ 40	-20 ~ 40	-20 ~ 40
Storage Temperature	-30 ~ 60	-30 ~ 60	-30 ~ 60	-30 ~ 60	-30 ~ 60	-30 ~ 60	-30 ~ 60	-30 ~ 60	-30 ~ 60
Operation Humidity (RH)	10~80% no condensation								
Storage Humidity (RH)	10~85% no condensation								

Remark: Above data is subject to change without prior notice
*Width Size is customizable as per requirement- 960/ 720/ 480

Panasonic
CONNECT